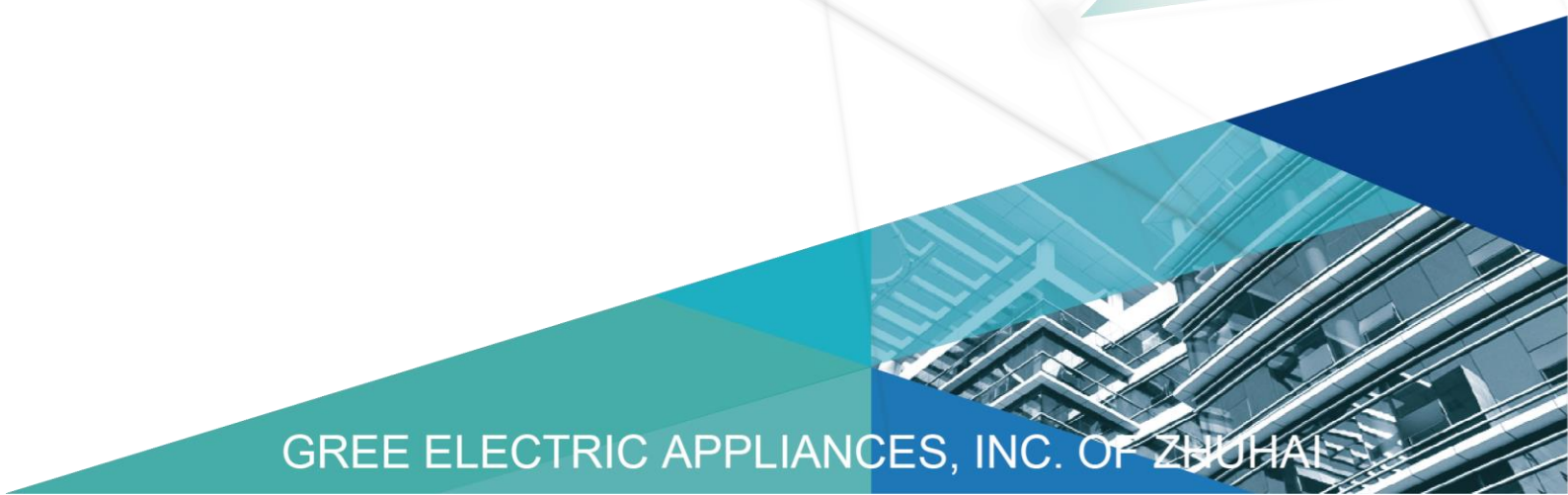
Service Manual

Multi Variable Air Conditioners
Indoor Units

(GC202607-I)
Capacity: 1500W~84000W
Rated Frequency: 50/60Hz



GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

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PRODUCT

1 Product List

1.1 Floor Standing Type

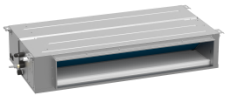
Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND100L/A-T	CM300N0060	10.0	11.0	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND140L/A-T	CM300N0070	14.0	15.0			
GMV-N280L/A-D	CM300N0080	28.1	30	220-240V ~ 60Hz	R410A	

1.2 High Static Pressure Duct Type

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND56PHS/A-T	CM800N3690	5.6	6.3	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND63PHS/A-T	CM800N3700	6.3	7.1			
GMV-ND71PHS/A-T	CM800N3540	7.1	8.0			
GMV-ND80PHS/A-T	CM800N3710	8.0	9.0			
GMV-ND90PHS/A-T	CM800N3550	9.0	10.0			
GMV-ND100PHS/A-T	CM800N3650	10.0	11.2			
GMV-ND112PHS/A-T	CM800N3660	11.2	12.5			
GMV-ND125PHS/A-T	CM800N3670	12.5	14.0			
GMV-ND140PHS/A-T	CM800N3680	14.0	16.0			
GMV-ND160PHS/A-T	CM810N0250	16.0	18.0			
GMV-ND224PH/A-T	CM800N3721	22.4	25.0			
GMV-ND280PH/A-T	CM800N3731	28.0	31.0			

1.3 Low Static Pressure Duct Type

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22PLS/A-T	CM800N3370	2.2	2.5	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND25PLS/A-T	CM800N3380	2.5	2.8			
GMV-ND28PLS/A-T	CM800N3490	2.8	3.2			
GMV-ND32PLS/A-T	CM800N3390	3.2	3.6			
GMV-ND36PLS/A-T	CM800N3500	3.6	4.0			
GMV-ND40PLS/A-T	CM800N3400	4.0	4.5			
GMV-ND45PLS/A-T	CM800N3410	4.5	5.0			
GMV-ND50PLS/A-T	CM800N3420	5.0	5.6			
GMV-ND56PLS/A-T	CM800N3510	5.6	6.3			
GMV-ND63PLS/A-T	CM800N3430	6.3	7.1			
GMV-ND71PLS/A-T	CM800N3520	7.1	8.0			
GMV-ND80PLS/A-T	CM800N3440	8.0	9.0			
GMV-ND90PLS/A-T	CM800N3450	9.0	10.0			
GMV-ND100PLS/A-T	CM800N3460	10.0	11.2			
GMV-ND112PLS/A-T	CM800N3530	11.2	12.5			
GMV-ND125PLS/A-T	CM800N3480	12.5	14.0			
GMV-ND140PLS/A-T	CM800N3470	14.0	16.0			
GMV-ND18PLS/C-T	CM810N2030	1.8	2.2	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND22PLS/C-T	CM810N1800	2.2	2.5			
GMV-ND25PLS/C-T	CM810N1810	2.5	2.8			
GMV-ND28PLS/C-T	CM810N1770	2.8	3.2			
GMV-ND32PLS/C-T	CM810N1820	3.2	3.6			
GMV-ND36PLS/C-T	CM810N1760	3.6	4.0			
GMV-ND40PLS/C-T	CM810N1830	4.0	4.5			
GMV-ND45PLS/C-T	CM810N1740	4.5	5.0			
GMV-ND50PLS/C-T	CM810N1840	5.0	5.6			
GMV-ND56PLS/C-T	CM810N1850	5.6	6.3			
GMV-ND63PLS/C-T	CM810N1730	6.3	7.1			
GMV-ND71PLS/C-T	CM810N1750	7.1	8.0			
GMV-ND80PLS/C-T	CM810N1920	8.0	9.0			
GMV-ND90PLS/C-T	CM810N1960	9.0	10.0			
GMV-ND100PLS/C-T	CM810N1970	10.0	11.2			
GMV-ND112PLS/C-T	CM810N1950	11.2	12.5			
GMV-ND125PLS/C-T	CM810N1940	12.5	14.0			
GMV-ND140PLS/C-T	CM810N1930	14.0	16.0			
GMV-ND18PLS/C1-T	CM810N2610	1.8	2.2			
GMV-ND22PLS/C1-T	CM810N2620	2.2	2.5			
GMV-ND25PLS/C1-T	CM810N2630	2.5	2.8			
GMV-ND28PLS/C1-T	CM810N2580	2.8	3.2			
GMV-ND32PLS/C1-T	CM810N2640	3.2	3.6			
GMV-ND36PLS/C1-T	CM810N2570	3.6	4.0			
GMV-ND40PLS/C1-T	CM810N2650	4.0	4.5			
GMV-ND45PLS/C1-T	CM810N2660	4.5	5.0			
GMV-ND50PLS/C1-T	CM810N2560	5.0	5.6			
GMV-ND56PLS/C1-T	CM810N2600	5.6	6.3			
GMV-ND63PLS/C1-T	CM810N2550	6.3	7.1			
GMV-ND71PLS/C1-T	CM810N2590	7.1	8.0			
GMV-ND80PLS/C1-T	CM810N2540	8.0	9.0			

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND15PLS/K-T	CM810N3260	1.5	1.8	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND18PLS/K-T	CM810N3160	1.8	2.2			
GMV-ND22PLS/K-T	CM810N3250	2.2	2.5			
GMV-ND25PLS/K-T	CM810N3280	2.5	2.8			
GMV-ND28PLS/K-T	CM810N3170	2.8	3.2			
GMV-ND32PLS/K-T	CM810N3270	3.2	3.6			
GMV-ND36PLS/K-T	CM810N3180	3.6	4.0			
GMV-ND40PLS/K-T	CM810N3210	4.0	4.5			
GMV-ND45PLS/K-T	CM810N3240	4.5	5.0			
GMV-ND50PLS/K-T	CM810N3200	5.0	5.6			
GMV-ND56PLS/K-T	CM810N3190	5.6	6.3			
GMV-ND63PLS/K-T	CM810N3130	6.3	7.1			
GMV-ND71PLS/K-T	CM810N3140	7.1	8.0			
GMV-ND80PLS/K-T	CM810N3150	8.0	9.0			

1.4 4-way Cassette

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND28T/A-T	CM500N0380	2.8	3.2	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND36T/A-T	CM500N0390	3.6	4.0			
GMV-ND45T/A-T	CM500N0400	4.5	5.0			
GMV-ND50T/A-T	CM500N0410	5.0	5.6			
GMV-ND56T/A-T	CM500N0420	5.6	6.3			
GMV-ND63T/A-T	CM500N0430	6.3	7.1			
GMV-ND71T/A-T	CM500N0440	7.1	8.0			
GMV-ND80T/A-T	CM500N0450	8.0	9.0			
GMV-ND90T/A-T	CM500N0460	9.0	10.0			
GMV-ND100T/A-T	CM500N0470	10.0	11.2			
GMV-ND112T/A-T	CM500N0480	11.2	12.5			
GMV-ND125T/A-T	CM500N0490	12.5	14.0			
GMV-ND140T/A-T	CM500N0500	14.0	16.0			
GMV-ND160T/A-T	CM500N0660	16.0	17.5			

1.5 Compact 4-way Cassette

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22T/B-T	CM500N0610	2.2	2.5	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND28T/B-T	CM500N0620	2.8	3.2			
GMV-ND36T/B-T	CM500N0630	3.6	4.0			
GMV-ND45T/B-T	CM500N0640	4.5	5.0			
GMV-ND50T/B-T	CM500N0600	5.0	5.6			
GMV-ND56T/B-T	CM500N0650	5.6	6.3			

1.6 360°Air Discharge Compact Cassette

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND15T/E-T	CM500N1690	1.5	1.8	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND18T/E-T	CM500N1700	1.8	2.2			
GMV-ND22T/E-T	CM500N1350	2.2	2.5			
GMV-ND28T/E-T	CM500N1340	2.8	3.2			
GMV-ND36T/E-T	CM500N1330	3.6	4.0			
GMV-ND45T/E-T	CM500N1310	4.5	5.0			
GMV-ND50T/E-T	CM500N1320	5.0	5.6			
GMV-ND56T/E-T	CM500N1300	5.6	6.3			

1.7 2-way Cassette

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND28TS/A-T	CM500N0680	2.8	3.2	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND36TS/A-T	CM500N0690	3.6	4.0			
GMV-ND45TS/A-T	CM500N0700	4.5	5.0			
GMV-ND50TS/A-T	CM500N0710	5.0	5.6			
GMV-ND56TS/A-T	CM500N0720	5.6	6.3			
GMV-ND63TS/A-T	CM500N0730	6.3	7.1			
GMV-ND71TS/A-T	CM500N0740	7.1	8.0			
GMV-ND28TS/B-T	CM500N1770	2.8	3.2	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND36TS/B-T	CM500N1760	3.6	4.0			
GMV-ND45TS/B-T	CM500N1780	4.5	5.0			
GMV-ND50TS/B-T	CM500N1750	5.0	5.6			
GMV-ND56TS/B-T	CM500N1790	5.6	6.3			
GMV-ND63TS/B-T	CM500N1800	6.3	7.1			
GMV-ND71TS/B-T	CM500N1810	7.1	8.0			
GMV-ND80TS/B-T	CM500N1740	8.0	9.0			

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND90TS/B-T	CM500N2400	9.0	10.0	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND100TS/B-T	CM500N2380	10.0	11.2			
GMV-ND112TS/B-T	CM500N2390	11.2	12.5			
GMV-ND125TS/B-T	CM500N2370	12.5	14.0			
GMV-ND140TS/B-T	CM500N2410	14.0	16.0			
GMV-ND160TS/B-T	CM500N2330	16.0	18.0			

1.8 1-way Cassette

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22TD/A-T	CM502N0140	2.2	2.5	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND28TD/A-T	CM502N0100	2.8	3.2			
GMV-ND36TD/A-T	CM502N0110	3.6	4.0			
GMV-ND45TD/A-T	CM502N0120	4.5	5.0			
GMV-ND50TD/A-T	CM502N0130	5.0	5.6			
GMV-ND56TD/A-T	CM502N0171	5.6	6.3			
GMV-ND63TD/B-T	CM503N1060	6.3	7.1			
GMV-ND71TD/B-T	CM502N0190	7.1	8.0			
GMV-ND80TD/B-T	CM502N0200	8.0	9.0			

1.9 Floor Ceiling

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND28ZD/A-T	CM600N0350	2.8	3.2	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-ND36ZD/A-T	CM600N0360	3.6	4.0			
GMV-ND50ZD/A-T	CM600N0320	5.0	5.6			
GMV-ND56ZD/A-T	CM600N0400	5.6	6.3			
GMV-ND63ZD/A-T	CM600N0410	6.3	7.1			
GMV-ND71ZD/A-T	CM600N0370	7.1	8.0			
GMV-ND90ZD/A-T	CM600N0330	9.0	10.0			
GMV-ND112ZD/A-T	CM600N0380	11.2	12.5			
GMV-ND125ZD/A-T	CM600N0390	12.5	14.0			
GMV-ND140ZD/A-T	CM600N0340	14.0	16.0			
GMV-ND160ZD/A-T	CM600N0500	16.0	18.0			
GMV-ND28ZD/B-T	CM600N0570	2.8	3.2	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-ND36ZD/B-T	CM600N0540	3.6	4.0			
GMV-ND50ZD/B-T	CM600N0510	5.0	5.6			
GMV-ND56ZD/B-T	CM600N0580	5.6	6.3			
GMV-ND63ZD/B-T	CM600N0590	6.3	7.1			
GMV-ND71ZD/B-T	CM600N0550	7.1	8.0			
GMV-ND90ZD/B-T	CM600N0520	9.0	10.0			
GMV-ND112ZD/B-T	CM600N0610	11.2	12.5			
GMV-ND125ZD/B-T	CM600N0530	12.5	14.0			
GMV-ND140ZD/B-T	CM600N0600	14.0	16.0			
GMV-ND160ZD/B-T	CM600N0560	16.0	18.0			

1.10 Fresh Air Processing

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-NX140P/A(X1.2)-K	CM800N3610	14.0	10.0	220-240V ~50Hz	R410A	
GMV-NX224P/A (X2.0) -M	CM800N3620	22.4	16.0	380-415V ~50Hz	R410A	
GMV-NX280P/A (X2.5) -M	CM800N3630	28.0	20.0			
GMV-NX280P/A (X3.0) -M	CM800N3640	28.0	20.0			
GMV-NX450P/A (X4.0) -M	CM800N3740	45.0	32.0	380-415V ~50Hz	R410A	
GMV-NDX125P/A-T	CM810N1220	12.5	10.0	220-240V ~50Hz & 208-230V ~60Hz	R410A	
GMV-NDX140P/A-T	CM810N1020	14.0	10.0			
GMV-NDX224P/A-T	CM810N0260	22.4	16.0			
GMV-NDX250P/A-T	CM810N1230	25.0	20.0			
GMV-NDX280P/A-T	CM810N0270	28.0	20.0			

1.11 Slim Duct Type

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22PL/B-T	CM800N3560	2.2	2.5	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-ND25PL/B-T	CM810N0010	2.5	2.8			
GMV-ND28PL/B-T	CM810N0020	2.8	3.2			
GMV-ND32PL/B-T	CM800N3570	3.2	3.6			
GMV-ND36PL/B-T	CM810N0030	3.6	4.0			
GMV-ND40PL/B-T	CM800N3580	4.0	4.5			
GMV-ND45PL/B-T	CM810N0040	4.5	5.0			
GMV-ND50PL/B-T	CM810N0050	5.0	5.6			
GMV-ND56PL/B-T	CM800N3590	5.6	6.3			
GMV-ND63PL/B-T	CM810N0060	6.3	7.0			
GMV-ND72PL/B-T	CM800N3600	7.2	8.0			
GMV-ND22PLS/B1-T	CM810N1580	2.2	2.5	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-ND25PLS/B1-T	CM810N1570	2.5	2.8			
GMV-ND28PLS/B1-T	CM810N1340	2.8	3.2			
GMV-ND32PLS/B1-T	CM810N1560	3.2	3.6			
GMV-ND36PLS/B1-T	CM810N1330	3.6	4.0			
GMV-ND40PLS/B1-T	CM810N1550	4.0	4.5			
GMV-ND45PLS/B1-T	CM810N1350	4.5	5.0			
GMV-ND50PLS/B1-T	CM810N1540	5.0	5.6			
GMV-ND56PLS/B1-T	CM810N1530	5.6	6.3			
GMV-ND63PLS/B1-T	CM810N1360	6.3	7.0			
GMV-ND71PLS/B1-T	CM810N1370	7.1	8.0			

1.12 Air Handler Type Indoor Unit

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-NR71A/A-D	CM810N0200	7.1	8.0	208-230V ~60Hz	R410A	
GMV-NR90A/A-D	CM810N0210	9.0	10.0			
GMV-NR100A/A-D	CM810N0220	10.0	11.0			
GMV-NR112A/A-D	CM810N0230	11.2	12.5			
GMV-NR140A/A-D	CM810N0240	14.0	15.0			

1.13 Console Type Indoor Unit

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22C/A-T	CM400N0140	2.2	2.5	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-ND28C/A-T	CM400N0070	2.8	3.2			
GMV-ND36C/A-T	CM400N0080	3.6	4.0			
GMV-ND45C/A-T	CM400N0150	4.5	5.0			
GMV-ND50C/A-T	CM400N0090	5.0	5.5			

1.14 Wall Mounted Type Indoor Unit

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-N22G/A3A-K	CM100N1350	2.2	2.5	220-240V ~50Hz	R410A	
GMV-N28G/A3A-K	CM100N1340	2.8	3.2			
GMV-N36G/A3A-K	CM100N1360	3.6	4.0			
GMV-N45G/A3A-K	CM100N1370	4.5	5.0			
GMV-N50G/A3A-K	CM100N1330	5.0	5.8			
GMV-N56G/A3A-K	CM100N1380	5.6	6.3			
GMV-N63G/A3A-K	CM100N1390	6.3	7.0			
GMV-N71G/A3A-K	CM100N1320	7.1	7.5			
GMV-N22G/A4A-K	CM100N1530	2.2	2.5	220-240V ~50Hz		
GMV-N28G/A4A-K	CM100N1540	2.8	3.2			
GMV-N36G/A4A-K	CM100N1550	3.6	4.0			
GMV-N45G/A4A-K	CM100N1560	4.5	5.0			
GMV-N50G/A4A-K	CM100N1570	5.0	5.8			
GMV-N56G/A4A-K	CM100N1580	5.6	6.3			
GMV-N63G/A4A-K	CM100N1590	6.3	7.0			
GMV-N71G/A4A-K	CM100N1600	7.1	7.5			
GMV-N22G/A8A-K	CM100N1770	2.2	2.5	220-240V ~50Hz		
GMV-N28G/A8A-K	CM100N1780	2.8	3.2			
GMV-N36G/A8A-K	CM100N1790	3.6	4.0			
GMV-N45G/A8A-K	CM100N1800	4.5	5.0			
GMV-N50G/A8A-K	CM100N1810	5.0	5.8			
GMV-N56G/A8A-K	CM100N1820	5.6	6.3			
GMV-N63G/A8A-K	CM100N1830	6.3	7.0			
GMV-N71G/A8A-K	CM100N1840	7.1	7.5			
GMV-N22G/E3A-K	CM100N2170	2.2	2.5	220-240V ~50Hz		
GMV-N28G/E3A-K	CM100N2180	2.8	3.2			
GMV-N36G/E3A-K	CM100N2190	3.6	4.0			
GMV-N45G/E3A-K	CM100N2200	4.5	5.0			
GMV-N50G/E3A-K	CM100N2210	5.0	5.8			
GMV-N56G/E3A-K	CM100N2220	5.6	6.3			
GMV-N63G/E3A-K	CM100N2230	6.3	7.0			
GMV-N71G/E3A-K	CM100N2240	7.1	7.5			

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-N22G/A3A-D	CM100N1430	2.2	2.5	208-230V ~60Hz	R410A	
GMV-N28G/A3A-D	CM100N1400	2.8	3.2			
GMV-N36G/A3A-D	CM100N1440	3.6	4.0			
GMV-N45G/A3A-D	CM100N1450	4.5	5.0			
GMV-N50G/A3A-D	CM100N1410	5.0	5.8			
GMV-N56G/A3A-D	CM100N1460	5.6	6.3			
GMV-N63G/A3A-D	CM100N1470	6.3	7.0			
GMV-N71G/A3A-D	CM100N1420	7.1	7.5			
GMV-N22G/B3A-D	CM100N2380	2.2	2.5	208-230V ~60Hz	R410A	
GMV-N28G/B3A-D	CM100N2390	2.8	3.2			
GMV-N36G/B3A-D	CM100N2400	3.6	4.0			
GMV-N45G/B3A-D	CM100N2410	4.5	5.0			
GMV-N50G/B3A-D	CM100N2420	5.0	5.8			
GMV-N56G/B3A-D	CM100N2430	5.6	6.3			
GMV-N63G/B3A-D	CM100N2440	6.3	7.0			
GMV-N71G/B3A-D	CM100N2450	7.1	7.5			
GMV-ND15G/B6B-T	CM100N3300	1.5	1.8	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND18G/B6B-T	CM100N3310	1.8	2.2			
GMV-ND22G/B6B-T	CM100N3240	2.2	2.5			
GMV-ND28G/B6B-T	CM100N3270	2.8	3.2			
GMV-ND36G/B6B-T	CM100N3210	3.6	4.0			
GMV-ND45G/B6B-T	CM100N3250	4.5	5.0			
GMV-ND50G/B6B-T	CM100N3200	5.0	5.6			
GMV-ND56G/B6B-T	CM100N3260	5.6	6.3			
GMV-ND63G/B6B-T	CM100N3230	6.3	7.1			
GMV-ND71G/B6B-T	CM100N3220	7.1	7.5			
GMV-ND15G/B4B-T	CM100N3280	1.5	1.8	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND18G/B4B-T	CM100N3290	1.8	2.2			
GMV-ND22G/B4B-T	CM100N2770	2.2	2.5			
GMV-ND28G/B4B-T	CM100N2780	2.8	3.2			
GMV-ND36G/B4B-T	CM100N2760	3.6	4.0			
GMV-ND45G/B4B-T	CM100N2790	4.5	5.0			
GMV-ND50G/B4B-T	CM100N2800	5.0	5.6			
GMV-ND56G/B4B-T	CM100N2810	5.6	6.3			
GMV-ND63G/B4B-T	CM100N2820	6.3	7.1			
GMV-ND71G/B4B-T	CM100N2830	7.1	7.5			
GMV-ND80G/B4B-T	CM100N2930	8.0	9.0			
GMV-ND90G/B4B-T	CM100N2940	9.0	10.0			
GMV-ND100G/B4B-T	CM100N2840	9.5	10.5			
GMV-ND22G/C4B-T	CM100N3140	2.2	2.5	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND28G/C4B-T	CM100N3130	2.8	3.2			
GMV-ND36G/C4B-T	CM100N3150	3.6	4.0			
GMV-ND45G/C4B-T	CM100N3120	4.5	5.0			
GMV-ND50G/C4B-T	CM100N3160	5.0	5.6			
GMV-ND56G/C4B-T	CM100N3170	5.6	6.3			
GMV-ND63G/C4B-T	CM100N3180	6.3	7.1			
GMV-ND71G/C4B-T	CM100N3190	7.1	7.5			

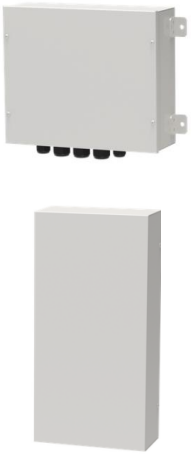
Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22G/C2B-T	CM100N3040	2.2	2.5	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND28G/C2B-T	CM100N3080	2.8	3.2			
GMV-ND36G/C2B-T	CM100N3050	3.6	4.0			
GMV-ND45G/C2B-T	CM100N3060	4.5	5.0			
GMV-ND50G/C2B-T	CM100N3070	5.0	5.6			
GMV-ND56G/C2B-T	CM100N3110	5.6	6.3			
GMV-ND63G/C2B-T	CM100N3100	6.3	7.1			
GMV-ND71G/C2B-T	CM100N3090	7.1	7.5			
GMV-ND22G/D2B-T	CM100N2850	2.2	2.5	220-240V ~50Hz 208-230V ~60Hz	R410A	
GMV-ND28G/D2B-T	CM100N2860	2.8	3.2			
GMV-ND36G/D2B-T	CM100N2870	3.6	4.0			
GMV-ND45G/D2B-T	CM100N2880	4.5	5.0			
GMV-ND50G/D2B-T	CM100N2890	5.0	5.6			
GMV-ND56G/D2B-T	CM100N2900	5.6	6.3			
GMV-ND63G/D2B-T	CM100N2910	6.3	7.1			
GMV-ND71G/D2B-T	CM100N2920	7.1	7.5			
GMV-ND15G/A1C-T	CM100N3750	1.5	1.8	220-240V ~ 50Hz 208-230V ~ 60Hz	R410A	
GMV-ND18G/A1C-T	CM100N3700	1.8	2.2			
GMV-ND22G/A1C-T	CM100N3760	2.2	2.5			
GMV-ND28G/A1C-T	CM100N3780	2.8	3.2			
GMV-ND36G/A1C-T	CM100N3740	3.6	4.0			
GMV-ND45G/A1C-T	CM100N3690	4.5	5.0			
GMV-ND50G/A1C-T	CM100N3770	5.0	5.6			
GMV-ND56G/A1C-T	CM100N3730	5.6	6.3			
GMV-ND63G/A1C-T	CM100N3720	6.3	6.8			
GMV-ND71G/A1C-T	CM100N3710	7.1	7.5			
GMV-ND80G/A1C-T	CM100N4080	8.0	9.0			
GMV-ND90G/A1C-T	CM100N4090	9.0	10.0			
GMV-ND100G/A1C-T	CM100N3900	9.5	10.5			
GMV-ND15G/A2C-T	CM100N3450	1.5	1.8	220-240V ~ 50Hz 208-230V ~ 60Hz	R410A	
GMV-ND18G/A2C-T	CM100N3460	1.8	2.2			
GMV-ND22G/A2C-T	CM100N3470	2.2	2.5			
GMV-ND28G/A2C-T	CM100N3350	2.8	3.2			
GMV-ND36G/A2C-T	CM100N3340	3.6	4.0			
GMV-ND45G/A2C-T	CM100N3360	4.5	5.0			
GMV-ND50G/A2C-T	CM100N3330	5.0	5.6			
GMV-ND56G/A2C-T	CM100N3480	5.6	6.3			
GMV-ND63G/A2C-T	CM100N3440	6.3	6.8			
GMV-ND71G/A2C-T	CM100N3320	7.1	7.5			
GMV-ND15G/A5C-T	CM100N3790	1.5	1.8	220-240V ~ 50Hz 208-230V ~ 60Hz	R410A	
GMV-ND18G/A5C-T	CM100N3640	1.8	2.2			
GMV-ND22G/A5C-T	CM100N3660	2.2	2.5			
GMV-ND28G/A5C-T	CM100N3670	2.8	3.2			
GMV-ND36G/A5C-T	CM100N3680	3.6	4.0			
GMV-ND45G/A5C-T	CM100N3630	4.5	5.0			
GMV-ND50G/A5C-T	CM100N3650	5.0	5.6			
GMV-ND56G/A5C-T	CM100N3620	5.6	6.3			
GMV-ND63G/A5C-T	CM100N3610	6.3	6.8			
GMV-ND71G/A5C-T	CM100N3600	7.1	7.5			

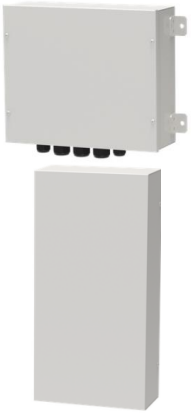
Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND15G/C1-T	CM100N3830	1.5	1.8	220-240V ~ 50Hz 208-230V ~ 60Hz	R410A	
GMV-ND18G/C1-T	CM100N3840	1.8	2.2			
GMV-ND22G/C1-T	CM100N3810	2.2	2.5			
GMV-ND28G/C1-T	CM100N3400	2.8	3.2			
GMV-ND36G/C1-T	CM100N3850	3.6	4.0			
GMV-ND45G/C1-T	CM100N3390	4.5	5.0			
GMV-ND50G/C1-T	CM100N3380	5.0	5.6			
GMV-ND56G/C1-T	CM100N3800	5.6	6.3			
GMV-ND63G/C1-T	CM100N3820	6.3	6.8			
GMV-ND71G/C1-T	CM100N3370	7.1	7.5			

1.15 Super High Static Pressure Duct Type Indoor Unit

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22PHS/B-T	CM810N0300	2.2	2.5	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND25PHS/B-T	CM810N0310	2.5	2.8			
GMV-ND28PHS/B-T	CM810N0320	2.8	3.2			
GMV-ND32PHS/B-T	CM810N0330	3.2	3.6			
GMV-ND36PHS/B-T	CM810N0340	3.6	4.0			
GMV-ND40PHS/B-T	CM810N0350	4.0	4.5			
GMV-ND45PHS/B-T	CM810N0360	4.5	5.0			
GMV-ND50PHS/B-T	CM810N0370	5.0	5.6			
GMV-ND56PHS/B-T	CM810N0380	5.6	6.3	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND63PHS/B-T	CM810N0390	6.3	7.1			
GMV-ND71PHS/B-T	CM810N0400	7.1	8.0			
GMV-ND80PHS/B-T	CM810N0410	8.0	9.0			
GMV-ND90PHS/B-T	CM810N0420	9.0	10.0	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-ND100PHS/B-T	CM810N0430	10.0	11.2			
GMV-ND112PHS/B-T	CM810N0440	11.2	12.5			
GMV-ND125PHS/B-T	CM810N0450	12.5	14.0			
GMV-ND140PHS/B-T	CM810N0460	14.0	16.0			
GMV-ND160PHS/B-T	CM810N0840	16.0	18.0			
GMV-ND180PHS/B-T	CM810N2240	18.0	20.0			
GMV-ND400PH/AR-X	CM810N1510	40.0	45.0	380-415V 3N ~ 50/ 60Hz	R410A	
GMV-ND450PH/AR-X	CM810N1520	45.0	50.0			
GMV-N560PH/AR-M	CM810N1610	56.0	63.0	380V 3N ~ 50Hz		

1.16 AHU-KIT Type

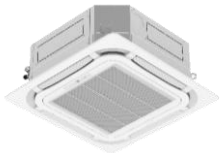
Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-N36U/A-T	CN750N0040	3.6	4.0	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-N71U/A-T	CN750N0050	7.1	8.0			
GMV-N140U/A-T	CN750N0030	14.0	16.0			
GMV-N280U/A-T	CN750N0020	28.0	31.5			
GMV-N560U/A-T	CN750N0010	56.0	63.0			
GMV-N36U/B-T	CN750N0110	3.6	4.0	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-N71U/B-T	CN750N0150	7.1	8.0			
GMV-N140U/B-T	CN750N0140	14.0	16.0			
GMV-N280U/B-T	CN750N0120	28.0	31.5			
GMV-N560U/B-T	CN750N0130	56.0	63.0			
GMV-N36U/C-T	CN750N0190	3.6	4.0	220-240V~50 Hz 208-230V~60 Hz	R410A	
GMV-N71U/C-T	CN750N0200	7.1	8.0			
GMV-N140U/C-T	CN750N0180	14.0	16.0			
GMV-N280U/C-T	CN750N0170	28.0	31.5			
GMV-N560U/C-T	CN750N0160	56.0	63.0			

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-N36U/D-T	CN750N0260	3.6	4.0	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-N71U/D-T	CN750N0280	7.1	8.0			
GMV-N180U/D-T	CN750N0270	18.0	20.0			
GMV-N450U/D-T	CN750N0290	45.0	50.0			
GMV-N840U/D-T	CN750N0300	84.0	94.5			

1.17 Concealed Floor Standing Type

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22ZA/A-T	CM810N1490	2.2	2.5	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-ND28ZA/A-T	CM810N1480	2.8	3.2			
GMV-ND36ZA/A-T	CM810N1460	3.6	4.0			
GMV-ND45ZA/A-T	CM810N1470	4.5	5.0			
GMV-ND56ZA/A-T	CM810N1451	5.6	6.3			
GMV-ND63ZA/A-T	CM810N1440	6.3	7.1			
GMV-ND71ZA/A-T	CM810N1430	7.1	8.0			

1.18 360°Air Discharge Cassette

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22T/C-T	CM500N1680	2.2	2.5	220-240V~ 50Hz 208-230V~ 60Hz	R410A	
GMV-ND28T/C-T	CM500N1660	2.8	3.2			
GMV-ND36T/C-T	CM500N1670	3.6	4.0			
GMV-ND45T/C-T	CM500N1650	4.5	5.0			
GMV-ND50T/C-T	CM500N1640	5.0	5.6	220-240V~ 50Hz 208-230V~ 60Hz	R410A	
GMV-ND56T/C-T	CM500N1630	5.6	6.3			
GMV-ND63T/C-T	CM500N1440	6.3	7.1			
GMV-ND71T/C-T	CM500N1370	7.1	8.0			
GMV-ND80T/C-T	CM500N1430	8.0	9.0			
GMV-ND90T/C-T	CM500N1420	9.0	10			
GMV-ND100T/C-T	CM500N1380	10	11.2			
GMV-ND112T/C-T	CM500N1400	11.2	12.5			
GMV-ND125T/C-T	CM500N1410	12.5	14			
GMV-ND140T/C-T	CM500N1360	14	16			
GMV-ND160T/C-T	CM500N1710	16	18			
GMV-ND22T/C1-T	CM500N1850	2.2	2.5	220-240V~ 50Hz 208-230V~ 60Hz	R410A	
GMV-ND28T/C1-T	CM500N1860	2.8	3.2			
GMV-ND36T/C1-T	CM500N1820	3.6	4.0			
GMV-ND45T/C1-T	CM500N1730	4.5	5.0			
GMV-ND50T/C1-T	CM500N1720	5.0	5.6			
GMV-ND22T/D1-T	CM500N2170	2.2	2.5	220-240V~ 50Hz 208-230V~ 60Hz	R410A	
GMV-ND28T/D1-T	CM500N2130	2.8	3.2			
GMV-ND36T/D1-T	CM500N2120	3.6	4.0			
GMV-ND45T/D1-T	CM500N2160	4.5	5.0			
GMV-ND50T/D1-T	CM500N2010	5.0	5.6			
GMV-ND56T/D1-T	CM500N2100	5.6	6.3			
GMV-ND63T/D1-T	CM500N2160	6.3	7.1			
GMV-ND71T/D1-T	CM500N2030	7.1	8.0			
GMV-ND80T/D1-T	CM500N2110	8.0	9.0			
GMV-ND90T/D1-T	CM500N2190	9.0	10			
GMV-ND100T/D1-T	CM500N2140	10	11.2			
GMV-ND112T/D1-T	CM500N2020	11.2	12.5			
GMV-ND125T/D1-T	CM500N2150	12.5	14			
GMV-ND140T/D1-T	CM500N2040	14	16			
GMV-ND160T/D1-T	CM500N2530	16	18	220-240V~ 50Hz 208-230V~ 60Hz	R410A	

1.19 Heat Storage Module

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
XRZ180L/A-T	CM810N2250	/	/	220-240V~ 50Hz 208-230V~ 60Hz	R410A	

1.20 High Static Pressure Duct Type Indoor Unit

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22PHS/D-T	CM810N2490	2.2	2.5	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-ND25PHS/D-T	CM810N2420	2.5	2.8			
GMV-ND28PHS/D-T	CM810N2430	2.8	3.2			
GMV-ND32PHS/D-T	CM810N2500	3.2	3.6			
GMV-ND36PHS/D-T	CM810N2410	3.6	4.0			
GMV-ND40PHS/D-T	CM810N2440	4.0	4.5			
GMV-ND45PHS/D-T	CM810N2510	4.5	5.0			
GMV-ND50PHS/D-T	CM810N2400	5.0	5.6			
GMV-ND56PHS/D-T	CM810N2450	5.6	6.3			
GMV-ND63PHS/D-T	CM810N2370	6.3	7.1			
GMV-ND71PHS/D-T	CM810N2460	7.1	8.0			
GMV-ND80PHS/D-T	CM810N2360	8.0	9.0			
GMV-ND90PHS/D-T	CM810N2470	9.0	10.0			
GMV-ND100PHS/D-T	CM810N2520	10.0	11.2			
GMV-ND112PHS/D-T	CM810N2480	11.2	12.5			
GMV-ND125PHS/D-T	CM810N2390	12.5	14.0			
GMV-ND140PHS/D-T	CM810N2530	14.0	16.0			
GMV-ND160PHS/D-T	CM810N2380	16.0	18.0			
GMV-ND180PHS/D-T	CM810N2240	18.0	20.0			

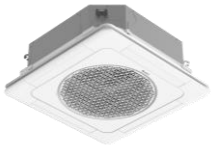
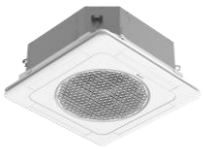
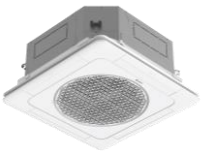
1.21 Middle Static Pressure Duct Type Indoor Unit

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND56PMS/A1-T	CM810N2800	5.6	6.3	220-240V~50Hz 208-230V~60Hz	R410A	
GMV-ND63PMS/A1-T	CM810N2790	6.3	7.1			
GMV-ND71PMS/A1-T	CM810N2720	7.1	8.0			
GMV-ND80PMS/A1-T	CM810N2750	8.0	9.0			
GMV-ND90PMS/A1-T	CM810N2780	9.0	10.0			
GMV-ND100PMS/A1-T	CM810N2770	10.0	11.2			
GMV-ND112PMS/A1-T	CM810N2740	11.2	12.5			
GMV-ND125PMS/A1-T	CM810N2760	12.5	14.0			
GMV-ND140PMS/A1-T	CM810N2730	14.0	16.0			

1.22 VRF Rooftop Packaged Unit

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-N790GK/HA-M	CM710N0030	79.0	80.0	380-415V3N~ 50Hz	R410A	
GMV-N790GK/HA-H	CM710N0020	79.0	80.0	380-415V3N~ 60Hz		

1.23 3D Airflow Cassette

Model	Product Code	Cooling Capacity	Heating Capacity	Power Supply	Refrigerant	Appearance
		kW	kW			
GMV-ND22T/D2-T	CM500N2760	2.2	2.5	220-240V~ 50Hz 208-230V~ 60Hz	R410A	
GMV-ND28T/D2-T	CM500N2750	2.8	3.2			
GMV-ND36T/D2-T	CM500N2740	3.6	4.0			
GMV-ND45T/D2-T	CM500N2730	4.5	5.0			
GMV-ND50T/D2-T	CM500N2720	5.0	5.6			
GMV-ND56T/D2-T	CM500N2710	5.6	6.3			
GMV-ND63T/D2-T	CM500N2690	6.3	7.1			
GMV-ND71T/D2-T	CM500N2680	7.1	8.0			
GMV-ND80T/D2-T	CM500N2670	8.0	9.0			
GMV-ND90T/D2-T	CM500N2630	9.0	10			
GMV-ND100T/D2-T	CM500N2640	10	11.2			
GMV-ND112T/D2-T	CM500N2650	11.2	12.5			
GMV-ND125T/D2-T	CM500N2620	12.5	14			
GMV-ND140T/D2-T	CM500N2660	14	16			

2 Nomenclature

2.1 Nomenclature of Indoor Units

GMV	-	N	□	□	□	□	□	/	□	□	-	□
1		2	3	4	5	6	7		8	9		10

No.	Description	Options
1	Product code	GMV - Gree Multi VRF Units
2	Indoor unit code	Indoor unit - N
3	Motor type	D - DC motor NULL - AC motor
4	Function code	R - pure heat pump/ all heat exchanger with cooling function L - cooling only unit X - fresh air W - double thermal source Q - heat recovery Null - electric heating defaulted
5	Cooling capacity/air volume code	Indoor unit - norminal cooling capacity /100(W) All heat exchanger - air volume /100(m^3/h)
6	Unit type	PL- low static pressure duct type unit; P - standard static pressure duct type unit PH - high static pressure duct type unit; PB - slim type duct type unit T - 4-way cassette unit; TX - cassette unit with small panel (4-way air supply) A - Air handler; TD - one-way cassette unit; TS - two-way cassette unit; ZD - floor ceiling unit; ZK - combine unit C - console unit; G - wall-mounted unit; L - Floor Standing unit; U - AHU-KIT unit; ZA - Concealed Floor Standing unit PM - Middle static pressure duct type unit; GK- Rooftop packaged unit;
7	With water pump or not	With water pump - S (S is not displayed for the cassette unit with water pump)
8	Airflow options or not	Only for GK unit type H=Horizontal; C=Convertible.
9	Design serial No.	Nominate by A, B, C or expand it by 1, 2, 3…
10	Power	D - 220V~,60Hz; 208-230V~,60Hz; 220-240V~,60Hz; 208/230V~,60Hz; M - 380V 3N~, 50Hz;400V 3N~,50Hz; 380-415V 3N~,50Hz; H - 380V 3N~, 60Hz;400V 3N~,60Hz; 380-415V 3N~,60Hz; K - 220-240V~,50Hz; 230-240V~,50Hz; T - 208-230V~,60Hz & 220-240V~,50Hz

Notes:

① If there's "(X+figure)"at the end of model, it indicates the fresh air handler. X——fresh air; Figure (take one decimal fraction) —— air volume (m^3/h) ×10-3. Eg: (X2.0).

② DC inverter fresh air processing indoor, airflow volume ranging from 2000m^3/h to 3500m^3/h are available, there's not "(X+figure)"at the end of model.

3 Specifications

3.1 Floor Standing Type

Model			GMV-ND100L/A-T	GMV-ND140L/A-T	GMV-N280L/A-D
Cooling capacity		kW	10.0	14.0	28.1
Heating capacity		kW	11.0	15.0	30
Circulating air volume		m³/h	1870	1870	4000
Noise		dB(A)	50	50	63
Power supply			220-240V~50Hz 208-230V~60Hz	220-240V~50Hz 208-230V~60Hz	220-240V ~ 60Hz
Rated power input	Cooling	kW	0.2	0.2	0.7
	Heating	kW	0.2	0.2	0.7
Unit Dimensions (mm)(W×D×H)			1850×580×400		1200×400×1850
Package Dimensions (mm)(W×D×H)			2083×738×545		1363×513×2013
Suitable climate			T1	T1	T3
Connection pipe	Gas	mm	Φ15.9	Φ15.9	Φ22.2
	Liquid	mm	Φ9.52	Φ9.52	Φ9.52
	Connection Method		Bell mouth connection	Bell mouth connection	Bell mouth connection
Net weight		kg	54	57	133

Notes:

① Units conform to design standard: ISO 15042-2011.

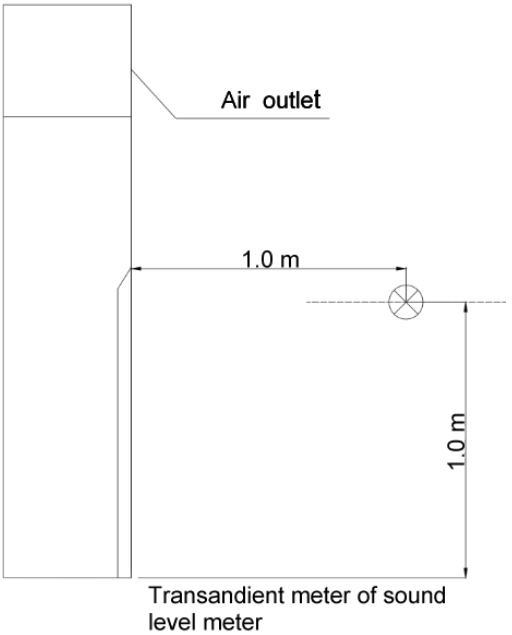
② Specifications may be changed due to product improvement. Please refer to nameplates of the units.

③ Noise data are collected from a semi-anechoic room. Decibels may be slightly higher in actual operation due to environmental change.

④ Above parameters are tested under the condition: high fan speed.

⑤ Cooling: Indoor air temperature 27°C DB/19°C WB.

⑥ Heating: Indoor air temperature 20°C DB/15°C WB.



3.2 High Static Pressure Duct Type

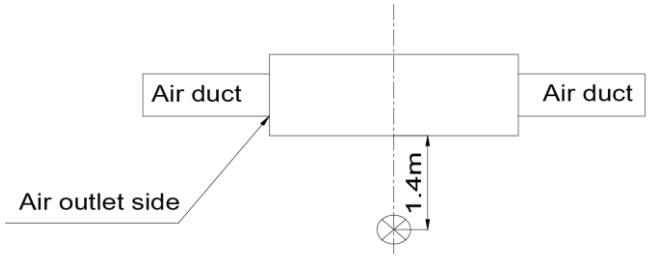
Model			GMV-ND56PHS/A-T	GMV-ND63PHS/A-T	GMV-ND71PHS/A-T	GMV-ND80PHS/A-T	GMV-ND90PHS/A-T	GMV-ND100PHS/A-T
Cooling capacity		kW	5.6	6.3	7.1	8.0	9.0	10.0
Heating capacity		kW	6.3	7.1	8.0	9.0	10.0	11.2
Air volume		m³/h	1000	1000	1100	1100	1700	1700
Static pressure (Pa)		Standard	70	70	70	70	70	70
		Optional	0~100	0~100	0~100	0~100	0~100	0~100
Cooling power input		W	120	120	130	130	200	200
Cooling current input		A	0.6	0.6	0.6	0.6	1.0	1.0
Heating power input		W	120	120	130	130	200	200
Heating current input		A	0.6	0.6	0.6	0.6	1.0	1.0
Minimum line current		A	0.75	0.75	0.75	0.75	1.25	1.25
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	44	44	45	45	46	46
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Connection pipe	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ20×1.2	Φ20×1.2	Φ20×1.2	Φ20×1.2	Φ20×1.2	Φ20×1.2
Outline Dimensions (W×D×H)		mm	1271×558×268	1271×558×268	1271×558×268	1271×558×268	1229×775×290	1229×775×290
Net weight		kg	35	35	35	35	47	47

Model			GMV-ND112PHS/A-T	GMV-ND125PHS/A-T	GMV-ND140PHS/A-T	GMV-ND160PHS/A-T	GMV-ND224PH/A-T	GMV-ND280PH/A-T
Cooling capacity		kW	11.2	12.5	14.0	16.0	22.4	28.0
Heating capacity		kW	12.5	14.0	16.0	17.0	25.0	31.0
Air volume		m³/h	1700	2000	2000	2650	4000	4400
Static pressure (Pa)		Standard	70	70	70	70	100	100
		Optional	0~100	0~100	0~100	0~150	50~200	50~200
Cooling power input		W	200	220	220	350	800	900
Cooling current input		A	1.0	1.0	1.0	1.5	3.7	4.1
Heating power input		W	200	220	220	350	800	900
Heating current input		A	1.0	1.0	1.0	1.5	3.7	4.1
Minimum line current		A	1.25	1.25	1.25	1.875	6	6
Maximum fuse current		A	6	6	6	10	10	10
Sound pressure level		dB(A)	46	48	48	50	54	55
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ19.05	Φ19.05	Φ22.2
Drain pipe	External diameter ×thickness	mm	Φ20×1.2	Φ20×1.2	Φ20×1.2	Φ20×1.2	Φ25×2	Φ25×2
Outline Dimensions (W×D×H)		mm	1229×775×290	1229×775×290	1229×775×290	1340×750×350	1483×791×385	1686×870×450
Net weight		kg	47	47	47	60	82	105

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

3.3 Low Static Pressure Duct Type

Model			GMV-ND22PLS/A-T	GMV-ND25PLS/A-T	GMV-ND28PLS/A-T	GMV-ND32PLS/A-T	GMV-ND36PLS/A-T	GMV-ND40PLS/A-T	GMV-ND45PLS/A-T	GMV-ND50PLS/A-T	GMV-ND56PLS/A-T
Cooling capacity		kW	2.2	2.5	2.8	3.2	3.6	4.0	4.5	5.0	5.6
Heating capacity		kW	2.5	2.8	3.2	3.6	4.0	4.5	5.0	5.6	6.3
Air Volume		m³/h	450	450	450	550	550	700	700	700	1000
ESP		Pa	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30
Cooling power input		W	35	35	35	43	43	52	52	52	99
Cooling current input		A	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.5
Heating power input		W	35	35	35	43	43	52	52	52	99
Heating current input		A	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.5
Minimum line current		A	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.63
Maximum fuse current		A	6	6	6	6	6	6	6	6	6
Sound pressure level		dB(A)	31	31	31	32	32	33	33	33	35
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz								
Pipe diameter	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline Dimensions	W×D×H	mm	700×615×200	700×615×200	700×615×200	700×615×200	700×615×200	900×615×200	900×615×200	900×615×200	1100×615×200
Net weight		kg	22	22	22	22	22	27	27	27	31

Model		GMV-ND63PLS/A-T	GMV-ND71PLS/A-T	GMV-ND80PLS/A-T	GMV-ND90PLS/A-T	GMV-ND100PLS/A-T	GMV-ND112PLS/A-T	GMV-ND125PLS/A-T	GMV-ND140PLS/A-T
Cooling capacity	kW	6.3	7.1	8.0	9.0	10.0	11.2	12.5	14.0
Heating capacity	kW	7.1	8.0	9.0	10.0	11.2	12.5	14.0	16.0
Air volume	m³/h	1000	1000	1100	1500	1500	1700	2000	2000
Unit external static pressure	Pa	15/0~30	30/0~50	30/0~50	30/0~50	30/0~50	30/0~50	30/0~50	30/0~50
Cooling power input	W	99	105	140	209	209	209	230	230
Cooling current input	A	0.5	0.5	0.7	1.0	1.0	1.0	1.1	1.1
Heating power input	W	99	105	140	209	209	209	230	230
Heating current input	A	0.5	0.5	0.7	1.0	1.0	1.0	1.1	1.1

Model			GMV-ND63PLS/A-T	GMV-ND71PLS/A-T	GMV-ND80PLS/A-T	GMV-ND90PLS/A-T	GMV-ND100PLS/A-T	GMV-ND112PLS/A-T	GMV-ND125PLS/A-T	GMV-ND140PLS/A-T
Minimum line current		A	0.63	0.63	0.88	1.25	1.25	1.25	1.38	1.38
Maximum fuse current		A	6	6	6	6	6	6	6	6
Sound pressure level		dB(A)	35	35	36	40	40	40	42	42
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Pipe diameter	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline Dimensions	W×D×H	mm	1100 ×615×200	1200 ×655×260	1200 ×655×260	1340 ×655×260	1340 ×655×260	1340 ×655×260	1340 ×655×260	1340 ×655×260
Net weight		kg	31	40	40	46	46	46	47	47

Model			GMV-ND18PLS/C-T	GMV-ND22PLS/C-T	GMV-ND25PLS/C-T	GMV-ND28PLS/C-T	GMV-ND32PLS/C-T	GMV-ND36PLS/C-T
Cooling capacity		kW	1.8	2.2	2.5	2.8	3.2	3.6
Heating capacity		kW	2.2	2.5	2.8	3.2	3.6	4.0
Air volume		m^3/h	450	450	450	450	550	550
Unit external static pressure		Pa	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30
Cooling power input		W	28	28	28	28	37	37
Cooling current input		A	0.2	0.2	0.2	0.2	0.3	0.3
Heating power input		W	25	25	25	25	30	30
Heating current input		A	0.2	0.2	0.2	0.2	0.3	0.3
*Minimum line current		A	0.4	0.4	0.4	0.4	0.4	0.4
*Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	30	30	30	30	31	31
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	710×462×200	710×462×200	710×462×200	710×462×200	710×462×200	710×462×200
Net weight	Main body	kg	18.5	18.5	18.5	18.5	19	19

Model		GMV-ND40PLS/C-T	GMV-ND45PLS/C-T	GMV-ND50PLS/C-T	GMV-ND56PLS/C-T	GMV-ND63PLS/C-T	GMV-ND71PLS/C-T
Cooling capacity	kW	4.0	4.5	5.0	5.6	6.3	7.1
Heating capacity	kW	4.5	5.0	5.6	6.3	7.1	8.0
Unit external static pressure	Pa	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~50
Air volume	m^3/h	750	750	850	850	850	1100
Cooling power input	W	40	40	55	55	55	55
Cooling current input	A	0.3	0.3	0.4	0.4	0.4	0.5
Heating power input	W	35	35	45	45	45	50
Heating current input	A	0.3	0.3	0.4	0.4	0.4	0.5
*Minimum line current	A	0.4	0.4	0.6	0.6	0.6	0.8
*Maximum fuse current	A	6	6	6	6	6	6
Sound pressure level	dB(A)	33	33	35	35	35	37
Power supply		220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					

Model			GMV-ND40PLS/C-T	GMV-ND45PLS/C-T	GMV-ND50PLS/C-T	GMV-ND56PLS/C-T	GMV-ND63PLS/C-T	GMV-ND71PLS/C-T
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	1010×462×200	1010×462×200	1010×462×200	1010×462×200	1010×462×200	1310×462×200
Net weight	Main body	kg	25	25	25	25	25	31

Model		GMV-ND80PLS/C-T	GMV-ND90PLS/C-T	GMV-ND100PLS/C-T	GMV-ND112PLS/C-T	GMV-ND125PLS/C-T	GMV-ND140PLS/C-T
Cooling capacity	kW	8.0	9.0	10.0	11.2	12.5	14.0
Heating capacity	kW	9.0	10.0	11.2	12.5	14.0	16.0
Air volume	m³/h	1250	1500	1500	1700	2000	2000
Unit external static pressure	Pa	50/0~80	50/0~80	50/0~80	50/0~80	50/0~80	50/0~80
Cooling power input	W	110	130	130	130	170	170
Cooling current input	A	0.53	0.63	0.63	0.63	0.8	0.8
Heating power input	W	110	130	130	130	170	170
Heating current input	A	0.53	0.63	0.63	0.63	0.8	0.8
Minimum line current	A	0.5	1.0	1.0	1.0	1.0	1.0
Maximum fuse current	A	0.8	1.9	1.9	1.9	1.9	1.9
Sound pressure level	dB(A)	37	40	40	40	42	42
Power supply		220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Pipe diameter	Liquid pipe mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H mm	1200×655×260	1340×655×260	1340×655×260	1340×655260	1340×655×260	1340×655×260
Net weight	kg	39	45.5	45.5	45.5	46.5	46.5

Model		GMV-ND18PLS/C1-T	GMV-ND22PLS/C1-T	GMV-ND25PLS/C1-T	GMV-ND28PLS/C1-T	GMV-ND32PLS/C1-T	GMV-ND36PLS/C1-T
Cooling capacity	kW	1.8	2.2	2.5	2.8	3.2	3.6
Heating capacity	kW	2.2	2.5	2.8	3.2	3.6	4.0
Air volume	m³/h	450	450	450	450	550	550
Unit external static pressure	Pa	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30
Cooling power input	W	28	28	28	28	37	37
Cooling current input	A	0.2	0.2	0.2	0.2	0.3	0.3
Heating power input	W	25	25	25	25	30	30
Heating current input	A	0.2	0.2	0.2	0.2	0.3	0.3
*Minimum line current	A	0.4	0.4	0.4	0.4	0.4	0.4
*Maximum fuse current	A	6	6	6	6	6	6
Sound pressure level	dB(A)	30	30	30	30	31	31
Power supply		220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7

Model			GMV-ND18PLS/C1-T	GMV-ND22PLS/C1-T	GMV-ND25PLS/C1-T	GMV-ND28PLS/C1-T	GMV-ND32PLS/C1-T	GMV-ND36PLS/C1-T
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	710×462×200	710×462×200	710×462×200	710×462×200	710×462×200	710×462×200
Net weight	Main body	kg	18.5	18.5	18.5	18.5	19	19

Model			GMV-ND40PLS/C1-T	GMV-ND45PLS/C1-T	GMV-ND50PLS/C1-T	GMV-ND56PLS/C1-T	GMV-ND63PLS/C1-T	GMV-ND71PLS/C1-T	GMV-ND80PLS/C1-T
Cooling capacity		kW	4.0	4.5	5.0	5.6	6.3	7.1	8.0
Heating capacity		kW	4.5	5.0	5.6	6.3	7.1	8.0	9.0
Unit external static pressure		Pa	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30
Air volume		m³/h	750	750	750	850	850	1100	1200
Cooling power input		W	40	40	40	55	55	55	95
Cooling current input		A	0.3	0.3	0.3	0.4	0.4	0.5	0.8
Heating power input		W	35	35	35	45	45	50	80
Heating current input		A	0.3	0.3	0.3	0.4	0.4	0.5	0.7
*Minimum line current		A	0.4	0.4	0.4	0.6	0.6	0.8	0.8
*Maximum fuse current		A	6	6	6	6	6	6	6
Sound pressure level		dB(A)	33	33	33	35	35	37	40
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz						
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	1010×462×200	1010×462×200	1010×462×200	1010×462×200	1010×462×200	1310×462×200	1310×462×200
Net weight	Main body	kg	24	24	24	25	25	31	31

Model			GMV-ND15PLS/K-T	GMV-ND18PLS/K-T	GMV-ND22PLS/K-T	GMV-ND25PLS/K-T	GMV-ND28PLS/K-T	GMV-ND32PLS/K-T	GMV-ND36PLS/K-T
Cooling capacity		kW	1.5	1.8	2.2	2.5	2.8	3.2	3.6
Heating capacity		kW	1.8	2.2	2.5	2.8	3.2	3.6	4.0
Air volume		m³/h	350	350	450	450	450	550	550
Unit external static pressure		Pa	5/0~50	5/0~50	5/0~50	5/0~50	5/0~50	5/0~50	5/0~50
Cooling power input		W	25	25	35	35	35	35	35
Cooling current input		A	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Heating power input		W	25	25	35	35	35	35	35
Heating current input		A	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Sound pressure level		dB(A)	26	26	29	29	29	30	30
Power supply			220-240V ~ 50Hz & 208-230V ~ 60Hz						
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	540×462×198	540×462×198	540×462×198	540×462×198	540×462×198	700×462×198	700×462×198
Net weight	Main body	kg	13	13	13	13	13	15	15

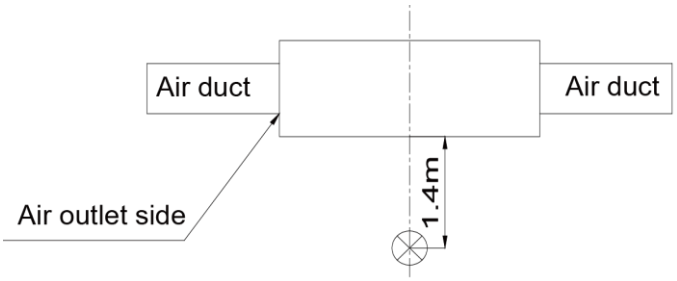
Model			GMV-ND40PLS/K-T	GMV-ND45PLS/K-T	GMV-ND50PLS/K-T	GMV-ND56PLS/K-T	GMV-ND63PLS/K-T	GMV-ND71PLS/K-T	GMV-ND80PLS/K-T
Cooling capacity		kW	4.0	4.5	5.0	5.6	6.3	7.1	8.0
Heating capacity		kW	4.5	5.0	5.6	6.3	7.1	8.0	9.0
Air volume		m^3/h	650	750	750	850	1000	1200	1200
Unit external static pressure		Pa	5/0~50	5/0~50	5/0~50	5/0~50	5/0~40	5/0~40	5/0~40
Cooling power input		W	52	50	50	65	70	105	120
Cooling current input		A	0.4	0.4	0.4	0.5	0.6	0.8	0.8
Heating power input		W	52	50	50	65	70	105	120
Heating current input		A	0.4	0.4	0.4	0.5	0.6	0.8	0.8
Sound pressure level		dB(A)	33	33	33	35	35	38	40
Power supply			220-240V ~ 50Hz & 208-230V ~ 60Hz						
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	700×462×198	900×462×198	900×462×198	900×462×198	1200×462×198	1200×462×198	1200×462×198
Net weight	Main body	kg	15	19	19	19	22	22	24

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5m, without height drop between units.

③ In the column of “Unit external static pressure”: The figure before “/” indicates the default external static pressure of unit before delivery, and the figures after indicate the adjustable static pressure range of unit.



Transandient meter of sound level meter

3.4 4-way Cassette Type

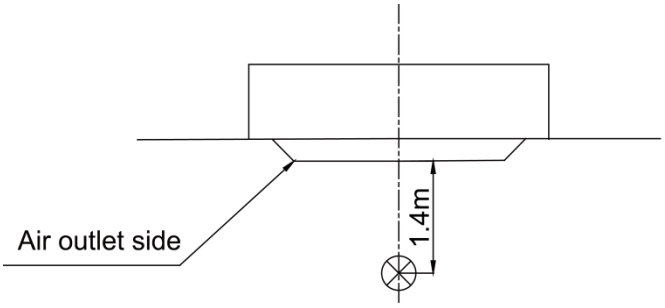
Model			GMV-ND28T/A-T	GMV-ND36T/A-T	GMV-ND45T/A-T	GMV-ND50T/A-T	GMV-ND56T/A-T	GMV-ND63T/A-T	GMV-ND71T/A-T
Cooling capacity		kW	2.8	3.6	4.5	5.0	5.6	6.3	7.1
Heating capacity		kW	3.2	4.0	5.0	5.6	6.3	7.1	8.0
Air volume		m³/h	750	750	750	830	1000	1000	1180
Cooling power input		W	48	48	48	50	59	59	68
Cooling current input		A	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Heating power input		W	48	48	48	50	59	59	68
Heating current input		A	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Minimum line current		A	0.25	0.25	0.25	0.25	0.38	0.38	0.38
Maximum fuse current		A	6	6	6	6	6	6	6
Sound pressure level		dB(A)	36	36	36	36	37	37	38
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz						
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840 ×190	840×840 ×190	840×840 ×190	840×840 ×190	840×840 ×240	840×840 ×240	840×840 ×240
Panel dimensions	W×D×H	mm	950× 950×65	950× 950×65	950× 950×65	950× 950×65	950×950 ×65	950×950 ×65	950×950 ×65
Net weight	Main body	kg	22.5	22.5	22.5	22.5	26.5	26.5	26.5
	Panel	kg	7	7	7	7	7	7	7

Model			GMV-ND80T/A-T	GMV-ND90T/A-T	GMV-ND100T/A-T	GMV-ND112T/A-T	GMV-ND125T/A-T	GMV-ND140T/A-T	GMV-ND160T/A-T
Cooling capacity		kW	8.0	9.0	10.0	11.2	12.5	14.0	16.0
Heating capacity		kW	9.0	10.0	11.2	12.5	14.0	16.0	17.5
Air volume		m³/h	1180	1500	1500	1700	1860	1860	2100
Cooling power input		W	68	98	98	110	110	110	120
Cooling current input		A	0.3	0.4	0.4	0.5	0.5	0.5	0.6
Heating power input		W	68	98	98	110	110	110	120
Heating current input		A	0.3	0.4	0.4	0.5	0.5	0.5	0.6
Minimum line current		A	0.38	0.5	0.5	0.63	0.63	0.63	0.75
Maximum fuse current		A	6	6	6	6	6	6	6
Sound pressure level		dB(A)	38	40	40	41	43	43	47
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz						
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840 ×240	840×840 ×320	840×840 ×320	840×840 ×320	840×840 ×320	840×840 ×320	910×910 ×293
Panel dimensions	W×D×H	mm	950×950 ×65	950×950 ×65	950×950 ×65	950×950 ×65	950×950 ×65	950×950 ×65	1040 ×1040×65
Net weight	Main body	kg	26.5	32.5	32.5	32.5	32.5	32.5	46.5
	Panel	kg	7	7	7	7	7	7	7.5

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

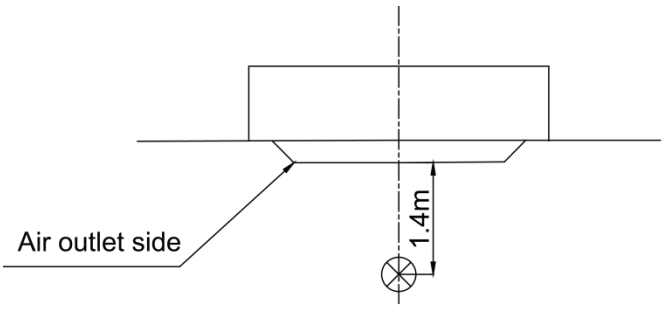
3.5 Compact 4-way Cassette Type

Model			GMV-ND22T/B-T	GMV-ND28T/B-T	GMV-ND36T/B-T	GMV-ND45T/B-T	GMV-ND50T/B-T	GMV-ND56T/B-T
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0	5.6
Heating capacity		kW	2.5	3.2	4.0	5.0	5.6	6.3
Air volume		m³/h	600	600	600	700	700	700
Cooling power input		W	35	35	35	45	45	45
Cooling current input		A	0.4	0.4	0.4	0.5	0.5	0.5
Heating power input		W	35	35	35	45	45	45
Heating current input		A	0.4	0.4	0.4	0.5	0.5	0.5
Minimum line current		A	0.5	0.5	0.5	0.63	0.63	0.63
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	41	41	41	45	45	45
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9
Drain pipe	External diameter× Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	596×596×240	596×596×240	596×596×240	596×596×240	596×596×240	596×596×240
Panel dimensions	W×D×H	mm	670×670×50	670×670×50	670×670×50	670×670×50	670×670×50	670×670×50
Net weight	Main body	kg	20.5	20.5	20.5	20.5	20.5	20.5
	Panel	kg	3.5	3.5	3.5	3.5	3.5	3.5

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

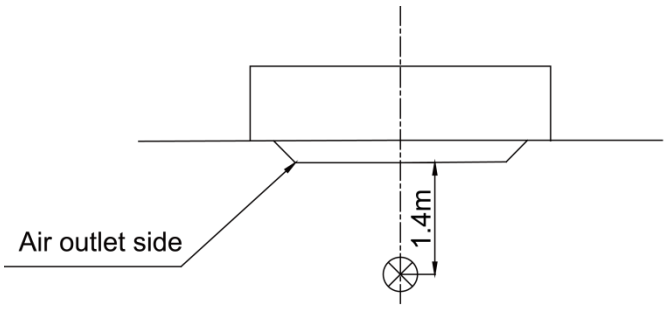
3.6 360°Air Discharge Compact Cassette

Model			GMV-ND15T/E-T	GMV-ND18T/E-T	GMV-ND22T/E-T	GMV-ND28T/E-T	GMV-ND36T/E-T	GMV-ND45T/E-T	GMV-ND50T/E-T	GMV-ND56T/E-T
Cooling capacity		kW	1.5	1.8	2.2	2.8	3.6	4.5	5.0	5.6
Heating capacity		kW	1.8	2.2	2.5	3.2	4.0	5.0	5.6	6.3
Air volume(H/M/L)		m³/h	460/420/370	460/420/370	500/460/370	570/480/420	620/550/480	730/650/560	730/650/560	730/650/560
Cooling power input		W	30	30	30	30	30	45	45	45
Cooling current input		A	0.15	0.15	0.15	0.15	0.15	0.23	0.23	0.23
Heating power input		W	30	30	30	30	30	45	45	45
Heating current input		A	0.15	0.15	0.15	0.15	0.15	0.23	0.23	0.23
Minimum line current		A	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Maximum fuse current		A	6	6	6	6	6	6	6	6
Sound pressure level(H/M/L)		dB(A)	33/30/25	33/30/25	36/31/25	36/33/28	39/37/35	43/41/39	43/41/39	43/41/39
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	570×570×265	570×570×265	570×570×265	570×570×265	570×570×265	570×570×265	570×570×265	570×570×265
Panel dimensions	W×D×H	mm	620×620×47.5	620×620×47.5	620×620×47.5	620×620×47.5	620×620×47.5	620×620×47.5	620×620×47.5	620×620×47.5
Net weight	Main body	kg	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
	Panel	kg	3	3	3	3	3	3	3	3

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

3.7 2-way Cassette Type

Model			GMV-ND 28TS/A-T	GMV-ND 36TS/A-T	GMV-ND 45TS/A-T	GMV-ND 50TS/A-T	GMV-ND 56TS/A-T	GMV-ND 63TS/A-T	GMV-ND 71TS/A-T
Cooling capacity		kW	2.8	3.6	4.5	5.0	5.6	6.3	7.1
Heating capacity		kW	3.2	4.0	5.0	5.6	6.3	7.1	8.0
Air volume(H/M/L)		m³/h	830/660 /580	830/660 /580	830/660 /580	830/660 /580	1100/900 /750	1100/900 /750	1100/900 /750
Cooling power input		W	55	55	55	55	103	103	103
Cooling current input		A	0.4	0.4	0.4	0.4	0.7	0.7	0.7
Heating power input		W	55	55	55	55	103	103	103
Heating current input		A	0.4	0.4	0.4	0.4	0.7	0.7	0.7
Minimum line current		A	0.5	0.5	0.5	0.5	0.9	0.9	0.9
Maximum fuse current		A	6	6	6	6	6	6	6
Sound pressure level		dB(A)	35/32/29	35/32/29	35/32/29	35/32/29	39/36/33	39/36/33	39/36/33
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz						
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	1200×520 ×315	1200×520 ×315	1200×520 ×315	1200×520 ×315	1200×520 ×315	1200×520 ×315	1200×520 ×315
Panel dimensions	W×D×H	mm	1416×630 ×33	1416×630 ×33	1416×630 ×33	1416×630 ×33	1416×630 ×33	1416×630 ×33	1416×630 ×33
Net weight	Main body	kg	43.0	43.0	43.0	43.0	46.0	46.0	46.0
	Panel	kg	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Model			GMV-ND 28TS/B-T	GMV-ND 36TS/ B-T	GMV-ND 45TS/B-T	GMV-ND 50TS/B-T	GMV-ND 56TS/B-T	GMV-ND 63TS/B-T	GMV-ND 71TS/B-T	GMV-ND 80TS/B-T
Cooling capacity		kW	2.8	3.6	4.5	5.0	5.6	6.3	7.1	8.0
Heating capacity		kW	3.2	4.0	5.0	5.6	6.3	7.1	8.0	9.0
Air volume(H/M/L)		m³/h	671/616 /513	671/616 /513	715/616 /513	715/616 /513	764/709 /676	764/709 /676	816/745 /660	816/745 /660
Cooling power input		W	20	20	30	30	30	30	55	55
Cooling current input		A	0.25	0.25	0.30	0.30	0.30	0.30	0.49	0.49
Heating power input		W	20	20	30	30	30	30	55	55
Heating current input		A	0.25	0.25	0.30	0.30	0.30	0.30	0.49	0.49
Minimum line current		A	0.25	0.25	0.30	0.30	0.30	0.30	0.49	0.49
Maximum fuse current		A	6	6	6	6	6	6	6	6
Sound pressure level		dB(A)	33/31/28	33/31/28	35/31/28	35/31/28	37/35/32	37/35/32	39/37/34	39/37/34
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							

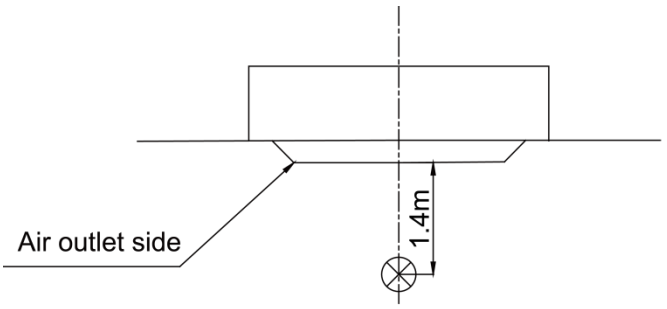
Model			GMV-ND 28TS/B-T	GMV-ND 36TS/ B-T	GMV-ND 45TS/B-T	GMV-ND 50TS/B-T	GMV-ND 56TS/B-T	GMV-ND 63TS/B-T	GMV-ND 71TS/B-T	GMV-ND 80TS/B-T
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	790×630×280	790×630×280	790×630×280	790×630×280	790×630×280	790×630×280	790×630×280	790×630×280
Panel dimensions	W×D×H	mm	1100×710×28	1100×710×28	1100×710×28	1100×710×28	1100×710×28	1100×710×28	1100×710×28	1100×710×28
Net weight	Main body	kg	25.5	25.5	25.5	25.5	26.0	26.0	26.0	26.0
	Panel	kg	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0

Model			GMV-ND90 TS/B-T	GMV-ND100 TS/B-T	GMV-ND112 TS/B-T	GMV-ND125 TS/B-T	GMV-ND140 TS/B-T	GMV-ND160 TS/B-T
Cooling capacity		kW	9.0	10.0	11.2	12.5	14.0	16.0
Heating capacity		kW	10.0	11.2	12.5	14.0	16.0	18.0
Air volume		m^3/h	1470/1310/1275	1470/1310/1275	1470/1310/1275	1565/1400/1275	1565/1400/1275	1755/1565/1275
Cooling power input		W	90	90	90	100	100	110
Cooling current input		A	0.62	0.62	0.62	0.69	0.69	0.75
Heating power input		W	90	90	90	100	100	110
Heating current input		A	0.62	0.62	0.62	0.69	0.69	0.75
Minimum line current		A	0.62	0.62	0.62	0.69	0.69	0.75
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	41/39/37	41/39/37	41/39/37	43/41/39	43/41/39	46/43/40
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ19.05
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	1350×630×280	1350×630×280	1350×630×280	1350×630×280	1350×630×280	1350×630×280
Panel dimensions	W×D×H	mm	1660×710×28	1660×710×28	1660×710×28	1660×710×28	1660×710×28	1660×710×28
Net weight	Main body	kg	40.5	40.5	40.5	40.5	40.5	40.5
	Panel	kg	9.5	9.5	9.5	9.5	9.5	9.5

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

3.8 1-way Cassette Type

Model			GMV-ND22 TD/A-T	GMV-ND28 TD/A-T	GMV-ND36 TD/A-T	GMV-ND45 TD/A-T	GMV-ND50 TD/A-T	GMV-ND56 TD/A-T
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0	5.6
Heating capacity		kW	2.5	3.2	4.0	5.0	5.6	6.3
Air volume		m³/h	600	600	600	830	830	890
Cooling power input		W	30	30	30	45	45	45
Cooling current input		A	0.2	0.2	0.2	0.3	0.3	0.3
Heating power input		W	30	30	30	45	45	45
Heating current input		A	0.2	0.2	0.2	0.3	0.3	0.3
Minimum line current		A	0.25	0.25	0.25	0.38	0.38	0.38
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	36	36	36	40	40	41
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	987×385 ×178	987×385 ×178	987×385 ×178	987×385 ×178	987×385 ×178	987×385 ×178
Panel dimensions	W×D×H	mm	1200×460 ×55	1200×460 ×55	1200×460 ×55	1200×460 ×55	1200×460 ×55	1200×460 ×55
Net weight	Main body	kg	20	20	20	21	21	21
	Panel	kg	4.2	4.2	4.2	4.2	4.2	4.2

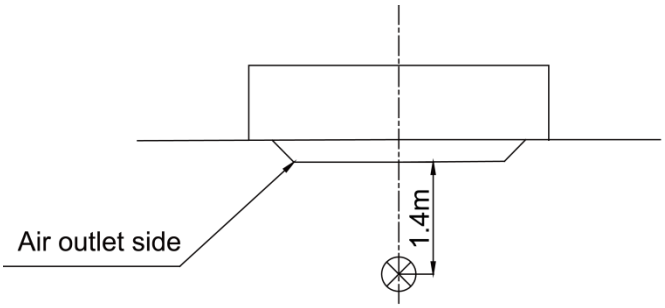
Model			GMV-ND63TD/B-T	GMV-ND71TD/B-T	GMV-ND80TD/B-T
Cooling capacity		kW	6.3	7.1	8.0
Heating capacity		kW	7.1	8.0	9.0
Air volume		m³/h	880	1000	1000
Cooling power input		W	57	83	83
Cooling current input		A	0.55	0.86	0.86
Heating power input		W	57	83	83
Heating current input		A	0.55	0.86	0.86
Minimum line current		A	0.55	0.86	0.86
Maximum fuse current		A	6	6	6
Sound pressure level		dB(A)	42	44	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9

Model			GMV-ND63TD/B-T	GMV-ND71TD/B-T	GMV-ND80TD/B-T
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	1200×470×200	1200×470×200	1200×470×200
Panel dimensions	W×D×H	mm	1350×555×64	1350×555×64	1350×555×64
Net weight	Main body	kg	26	26	26
	Panel	kg	7.8	7.8	7.8

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

3.9 Floor Ceiling Type

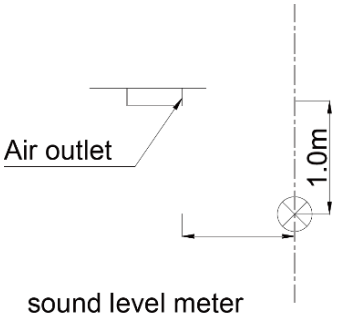
Model			GMV-ND28 ZD/A-T	GMV-ND36 ZD/A-T	GMV-ND50 ZD/A-T	GMV-ND56 ZD/A-T	GMV-ND63 ZD/A-T	GMV-ND71 ZD/A-T
Cooling capacity		kW	2.8	3.6	5.0	5.6	6.3	7.1
Heating capacity		kW	3.2	4.0	5.6	6.3	7.1	80
Air volume		m³/h	650	650	950	950	1400	1400
Cooling power input		W	40	40	50	50	75	75
Cooling current input		A	0.3	0.3	0.4	0.4	0.6	0.6
Heating power input		W	40	40	50	50	75	75
Heating current input		A	0.3	0.3	0.4	0.4	0.6	0.6
Minimum line current		A	0.32	0.32	0.43	0.43	0.64	0.64
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	36	36	42	42	44	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75
Outline Dimensions	W×D×H	mm	1220×700 ×225	1220×700 ×225	1220×700 ×225	1220×700 ×225	1420×700 ×245	1420×700 ×245
Net weight		kg	40	40	40	40	50	50

Model			GMV-ND90 ZD/A-T	GMV-ND112 ZD/A-T	GMV-ND125 ZD/A-T	GMV-ND140 ZD/A-T	GMV-ND160 ZD/A-T
Cooling capacity		kW	9.0	11.2	12.5	14.0	16.0
Heating capacity		kW	10.0	12.5	14.0	16.0	18.0
Air volume		m³/h	1600	2000	2000	2000	2300
Cooling power input		W	140	160	160	160	200
Cooling current input		A	1.1	1.4	1.4	1.4	1.9
Heating power input		W	140	160	160	160	200
Heating current input		A	1.1	1.4	1.4	1.4	1.9
Minimum line current		A	1.17	1.5	1.5	1.5	2
Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	50	51	52	52	52
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz				
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ19.05
Drain pipe	External diameter ×thickness	mm	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75
Outline Dimensions	W×D×H	mm	1420×700×245	1700×700×245	1700×700×245	1700×700×245	1700×700×245
Net weight		kg	50	60	60	60	60

Notes:

① Rated Cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Model			GMV-ND28ZD/B-T	GMV-ND36ZD/B-T	GMV-ND50ZD/B-T	GMV-ND56ZD/B-T	GMV-ND63ZD/B-T	GMV-ND71ZD/B-T
Cooling capacity		kW	2.8	3.6	5.0	5.6	6.3	7.1
Heating capacity		kW	3.2	4.0	5.6	6.3	7.1	8.0
Air volume		m³/h	600	600	750	750	1350	1350
Cooling power input		W	35	35	55	55	80	80
Cooling current input		A	0.2	0.2	0.3	0.3	0.4	0.4
Heating power input		W	35	35	55	55	80	80
Heating current input		A	0.2	0.2	0.3	0.3	0.4	0.4
Minimum line current		A	0.2	0.2	0.3	0.3	0.4	0.4
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	36	36	42	42	44	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					

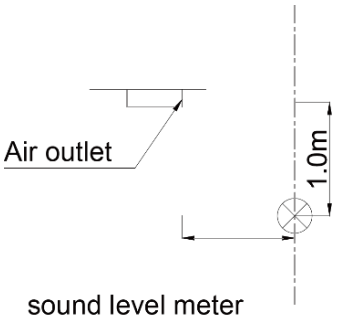
Model			GMV-ND28ZD/B-T	GMV-ND36ZD/B-T	GMV-ND50ZD/B-T	GMV-ND56ZD/B-T	GMV-ND63ZD/B-T	GMV-ND71ZD/B-T
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75
Outline Dimensions	W×D×H	mm	870×665 ×235	870×665 ×235	870×665 ×235	870×665 ×235	1200×665 ×235	1200×665 ×235
Net weight		kg	24	24	25	25	32	32

Model			GMV-ND90ZD/B-T	GMV-ND112ZD/B-T	GMV-ND125ZD/B-T	GMV-ND140ZD/B-T	GMV-ND160ZD/B-T
Cooling capacity		kW	9.0	11.2	12.5	14.0	16.0
Heating capacity		kW	10.0	12.5	14.0	16.0	18.0
Air volume		m^3/h	1550	1800	1800	2000	2150
Cooling power input		W	120	120	120	150	175
Cooling current input		A	0.7	0.7	0.7	0.8	0.9
Heating power input		W	120	120	120	150	175
Heating current input		A	0.7	0.7	0.7	0.8	0.9
Minimum line current		A	0.7	0.7	0.7	0.8	0.9
Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	47	47	47	49	52
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz				
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ19.05
Drain pipe	External diameter × thickness	mm	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75
Dimensions	W×D×H	mm	1200×665×235	1570×665×235	1570×665×235	1570×665×235	1570×665×235
Net weight		kg	33	41	41	43	43

Notes:

① Rated Cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



3.10 Fresh air Processing Unit

AC Inverter Fresh Air Processing Indoor

Model			GMV-NX140 P/A(X1.2)-K	GMV-NX224 P/A(X2.0) -M	GMV-NX280 P/A(X2.5) -M	GMV-NX280 P/A(X3.0) -M	GMV-NX450 P/A(X4.0) -M
Cooling capacity		kW	14	22.4	28	28	45
Heating capacity		kW	10	16	20	20	32
Air volume		m³/h	1200	2000	2500	3000	4000
Cooling power input		W	360	740	760	1060	1240
Static pressure (Pa)		Standard	150	200	200	200	200
		Optional	200	300	300	300	300
Cooling current input		A	1.65	2.10	2.40	2.47	3.40
Heating power input		W	360	740	760	1060	1240
Heating current input		A	1.65	2.10	2.40	2.47	3.40
Minimum line current		A	2.1	2.6	3.0	3.1	4.3
Maximum fuse current		A	3.7	4.7	5.4	5.5	7.6
Sound pressure level		dB(A)	42	47	48	51	58
Power supply			220-240V 1phase~50Hz	380-415V 3N~50Hz	380-415V 3N~50Hz	380-415V 3N~50Hz	380-415V 3N~50Hz
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7
	Gas pipe	mm	Φ15.9	Φ19.05	Φ22.2	Φ22.2	Φ28.6
Drain pipe	External diameter ×thickness	mm	Φ30×1.5	Φ30×1.5	Φ30×1.5	Φ30×1.5	Φ33×3.0
Outline Dimensions	W×D×H	mm	1463×756 ×300	1500×1000 ×500	1500×1000 ×500	1500×1000 ×500	1700×1100 ×650
Net weight		kg	63.5	130	134	134	208

Notes:

① Rated cooling capacity test conditions: fresh air inlet 35°C DB/28°C WB; connection pipe length: 5 m, without height drop between units; the default air outlet temperature of the unit is 18°C.

② Rated heating capacity test conditions: fresh air inlet 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units; the default air outlet temperature of the unit is 22°C.

DC Inverter Fresh Air Processing Indoor

Model		GMV-NDX125P/A-T	GMV-NDX140P/A-T	GMV-NDX224P/A-T
Cooling capacity	kW	12.5	14.0	22.4
Heating capacity	kW*1	8.5	10.0	16.0
	kW*2	10.5	12.0	20.0
Air volume	m³/h	1200/1000~2000	1200/1000~2000	2000/1500~3000
Static pressure (Pa)	Standard	150	150	200
	Optional	50~200	50~200	50~300
Rated power input	W	350	350	760
Rated current input	A	2.0	2.0	4.3
Cooling power input	W	200	200	400
Cooling current input	A	1.5	1.5	2.5
Heating power input	W	200	200	400
Heating current input	A	1.5	1.5	2.5
Maximum fuse current	A	6	6	10
Sound pressure level	dB(A)	40~50	40~50	45~54
Power supply		220-240V 1 phase ~50Hz 208-230V 1 phase ~60Hz		

Model			GMV-NDX125P/A-T	GMV-NDX140P/A-T	GMV-NDX224P/A-T
Piping diameter	Liquid pie	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ19.05
Drain pipe	Outer diameter ×Wall thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2
Outline Dimensions	W×D×H	mm	1400×700×300	1400×700×300	1483×791×385
Net weight		kg	54	54	82

Model			GMV-NDX250P/A-T	GMV-NDX280P/A-T
Cooling capacity		kW	25.0	28.0
Heating capacity		kW*1	18.0	20.0
		kW*2	20.0	22.0
Air volume		m³/h	2500/2000~3500	2500/2000~3500
Static pressure (Pa)		Standard	200	200
		Optional	50~300	50~300
Rated power input		W	860	860
Rated current input		A	4.9	4.9
Cooling power input		W	520	520
Cooling current input		A	3.1	3.1
Heating power input		W	520	520
Heating current input		A	3.1	3.1
Maximum fuse current		A	10	10
Sound pressure level		dB(A)	47~54	47~54
Power supply			220-240V 1 phase ~50Hz 208-230V 1 phase ~60Hz	
Piping diameter	Liquid pie	mm	Φ9.52	Φ9.52
	Gas pipe	mm	Φ22.2	Φ22.2
Drain pipe	Outer diameter×Wall thickness	mm	Φ25×2	Φ25×2
Outline Dimensions	W×D×H	mm	1483×791×385	1483×791×385
Net weight		kg	82	82

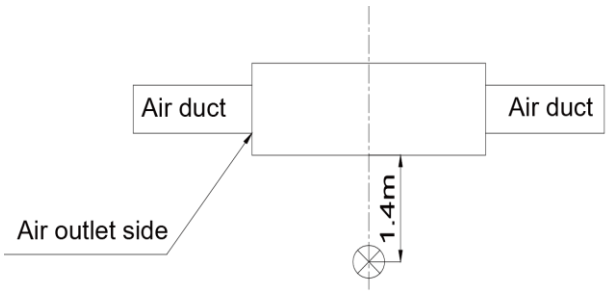
Notes:

① Rated cooling capacity test conditions: indoor 35°C DB/28°C WB, outdoor 35°C DB; connection pipe length: 7.5m, without height drop between units. The default air outlet temperature of the unit is 18°C.

② Rated heating capacity test conditions: *1: indoor 7°C DB, outdoor 7°C DB/6°C WB, *2: indoor 0°C DB, outdoor 0°C DB/RH80%; connection pipe length: 7.5m, without height drop between units. The default air outlet temperature of the unit is 22°C.

③ In the column of “Air Volume”: The figure before “/” indicates the default air Volume of unit before delivery, and the figures after indicate the adjustable air Volume range of unit.

④ The noise value marked in the nameplate is tested under rated condition. For the units of GMV-NDX125P/A-T and GMV-NDX140P/A-T, which are defaulted as speed 08 under static pressure of 150Pa. And others are defaulted as speed 08 under static pressure of 200Pa.The noise in the highest speed may increase by about 3 dB(A) on this value. The noise in the lowest speed may decrease by about 5 dB(A) on this value. The recorded noise value of the sample unit is tested in semi-anechoic room. Under actual installation, the noise value is usually higher than the recorded value of the sample due to the influence of ambient noise and reflected sound.



Transandient meter of sound level meter

3.11 Slim Duct Type

Model			GMV-ND22PL/B-T	GMV-ND25PL/B-T	GMV-ND28PL/B-T	GMV-ND32PL/B-T	GMV-ND36PL/B-T	GMV-ND40PL/B-T
Cooling capacity		kW	2.2	2.5	2.8	3.2	3.6	4.0
Heating capacity		kW	2.5	2.8	3.2	3.6	4.0	4.5
Air volume		m³/h	450	450	450	550	550	750
Unit external static pressure		Pa	0/0~15	0/0~15	0/0~15	0/0~15	0/0~15	0/0~15
Cooling power input		W	25	25	25	30	30	35
Cooling current input		A	0.2	0.2	0.2	0.3	0.3	0.3
Heating power input		W	25	25	25	30	30	35
Heating current input		A	0.2	0.2	0.2	0.3	0.3	0.3
*Minimum line current		A	0.25	0.25	0.25	0.38	0.38	0.38
*Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	30	30	30	31	31	33
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	710×450×200	710×450×200	710×450×200	710×450×200	710×450×200	1010×450×200
Net weight	Main body	kg	18.5	18.5	18.5	19.5	19.5	23.5

Model			GMV-ND45PL/B-T	GMV-ND50PL/B-T	GMV-ND56PL/B-T	GMV-ND63PL/B-T	GMV-ND72PL/B-T
Cooling capacity		kW	4.5	5.0	5.6	6.3	7.2
Heating capacity		kW	5.0	5.6	6.3	7.0	8.0
Unit external static pressure		Pa	0/0~15	0/0~15	0/0~15	0/0~15	0/0~15
Air volume		m³/h	750	750	850	850	1100
Cooling power input		W	35	35	45	45	50
Cooling current input		A	0.3	0.3	0.3	0.3	0.5
Heating power input		W	35	35	45	45	50
Heating current input		A	0.3	0.3	0.3	0.3	0.5
*Minimum line current		A	0.38	0.38	0.38	0.38	0.63
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	33	33	35	35	37
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9

Model			GMV-ND45PL/B-T	GMV-ND50PL/B-T	GMV-ND56PL/B-T	GMV-ND63PL/B-T	GMV-ND72PL/B-T
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	1010×450×200	1010×450×200	1010×450×200	1010×450×200	1310×450×200
Net weight	Main body	kg	23.5	23.5	24.5	24.5	30.5

Model			GMV-ND22PLS/B1-T	GMV-ND25PLS/B1-T	GMV-ND28PLS/B1-T	GMV-ND32PLS/B1-T	GMV-ND36PLS/B1-T	GMV-ND40PLS/B1-T
Cooling capacity		kW	2.2	2.5	2.8	3.2	3.6	4.0
Heating capacity		kW	2.5	2.8	3.2	3.6	4.0	4.5
Air volume		m^3/h	610	610	610	620	650	810
Unit external static pressure		Pa	10/30	10/30	10/30	10/30	10/30	10/30
Cooling power input		W	65	65	65	65	65	65
Cooling current input		A	0.30	0.30	0.30	0.30	0.30	0.30
Heating power input		W	65	65	65	65	65	65
Heating current input		A	0.30	0.30	0.30	0.30	0.30	0.30
*Minimum line current		A	0.63	0.63	0.63	0.63	0.63	0.63
*Maximum fuse current		A	1.1	1.1	1.1	1.1	1.1	1.1
Sound pressure level		dB(A)	38	38	38	38	38	37
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	710×450×200	710×450×200	710×450×200	710×450×200	710×450×200	1010×450×200
Net weight	Main body	kg	19.0	19.0	19.0	20.0	20.0	24.0

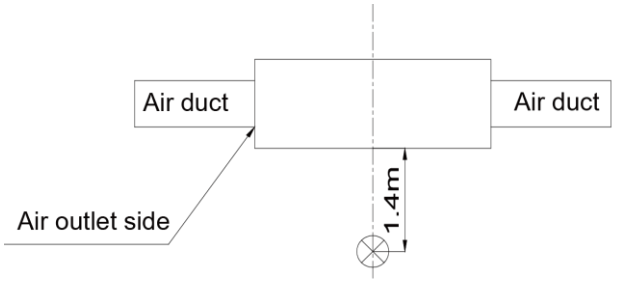
Model			GMV-ND45PLS/B1-T	GMV-ND50PLS/B1-T	GMV-ND56PLS/B1-T	GMV-ND63PLS/B1-T	GMV-ND71PLS/B1-T
Cooling capacity		kW	4.5	5.0	5.6	6.3	7.1
Heating capacity		kW	5.0	5.6	6.3	7.0	8.0
Air volume		m^3/h	810	810	810	810	1210
Unit external static pressure		Pa	10/30	10/30	10/30	10/30	10/30
Cooling power input		W	65	65	65	65	70
Cooling current input		A	0.30	0.30	0.30	0.30	0.32
Heating power input		W	65	65	65	65	70
Heating current input		A	0.30	0.30	0.30	0.30	0.32
*Minimum line current		A	0.63	0.63	0.63	0.63	0.63
*Maximum fuse current		A	1.1	1.1	1.1	1.1	1.1
Sound pressure level		dB(A)	37	37	37	37	39
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Dimensions	W×D×H	mm	1010×450×200	1010×450×200	1010×450×200	1010×450×200	1310×450×200
Net weight	Main body	kg	24.0	25.0	25.0	25.0	30.5

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.

③ In the column of "Unit external static pressure": The figure before "/" indicates the default external static pressure of unit before delivery, and the figures after indicate the adjustable static pressure range of unit.



Transandient meter of sound level meter

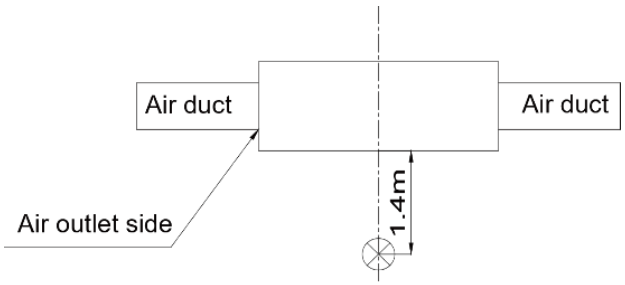
3.12 Air Handler Type Indoor Unit

Model			GMV-NR71A/A-D	GMV-NR90A/A-D	GMV-NR100A/A-D	GMV-NR112A/A-D	GMV-NR140A/A-D
Cooling capacity		kW	7.1	9.0	10.0	11.2	14.0
Heating capacity		kW	8.0	10.0	11.0	12.5	15.0
Air volume		m³/h	1600	1700	1900	2300	2500
Cooling power input		W	215	270	370	430	550
Cooling current input		A	1.10	1.35	2.00	2.00	2.50
Heating power input		W	215	270	370	430	550
Heating current input		A	1.10	1.35	2.00	2.00	2.50
Minimum line current		A	0.4	0.4	0.4	0.5	0.5
Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	50	51	52	52	55
Power supply			208-230V 1 phase ~60Hz				
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe		mm	G1	G1	G1	G1	G1
Main body dimensions	W×D×H	mm	460×540×1105	460×540×1105	540×540×1224	540×540×1224	630×540×1224
Panel dimensions	W×D×H	mm	517×620×1170	517×620×1170	597×620×1289	597×620×1289	687×621×1295
Net weight	Main body	kg	54	57	66	68	78

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

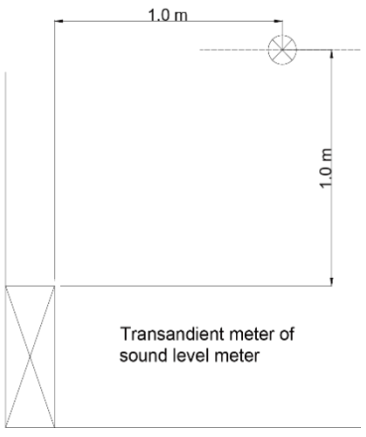
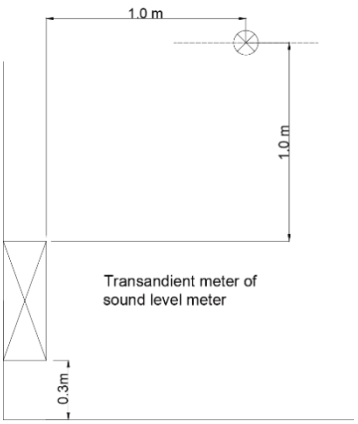
3.13 Console Type Indoor Unit

Model			GMV-ND22C/A-T	GMV-ND28C/A-T	GMV-ND36C/A-T	GMV-ND45C/A-T	GMV-ND50C/A-T
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0
Heating capacity		kW	2.5	3.2	4.0	5.0	5.5
Air volume		m³/h	450	500	600	630	650
Cooling power input		W	15	15	20	40	40
Cooling current input		A	0.17	0.17	0.25	0.25	0.4
Heating power input		W	15	15	20	40	40
Heating current input		A	0.17	0.17	0.25	0.25	0.4
*Minimum line current		A	0.16	0.16	0.16	0.16	0.16
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	36	38	40	43	46
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz				
Piping interface	Liquid pipe	mm	6.35	6.35	6.35	6.35	6.35
	Gas pipe	mm	9.52	9.52	12.7	12.7	12.7
Drain pipe	External diameter × thickness	mm	Φ17.2×1.0	Φ17.2×1.0	Φ17.2×1.0	Φ17.2×1.0	Φ17.2×1.0
Dimensions	W×D×H	mm	700×215×600	700×215×600	700×215×600	700×215×600	700×215×600
Net weight		kg	16	16	16	16	16

Notes:

① Rated Cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.

Floor type	Wall Mounted type
	

3.14 Wall Mounted Type Indoor Unit

Model			GMV-N22G/A3A-K	GMV-N28G/A3A-K	GMV-N36G/A3A-K	GMV-N45G/A3A-K	GMV-N50G/A3A-K
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0
Heating capacity		kW	2.5	3.2	4.0	5.0	5.8
Air volume		m³/h	500	500	630	630	630
Cooling power input		W	50	50	60	60	60
Cooling current input		A	0.2	0.2	0.31	0.31	0.31
Heating power input		W	50	50	60	60	60
Heating current input		A	0.2	0.2	0.31	0.31	0.31
*Minimum line current		A	0.25	0.25	0.38	0.38	0.38
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44
Power supply			220-240V 1 phase ~50Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter × thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298	940×200×298
Net weight		kg	10	10	12.5	12.5	12.5

Model			GMV-N56G/A3A-K	GMV-N63G/A3A-K	GMV-N71G/A3A-K
Cooling capacity		kW	5.6	6.3	7.1
Heating capacity		kW	6.3	7.0	7.5
Air volume		m³/h	750	750	750
Cooling power input		W	70	70	70
Cooling current input		A	0.31	0.31	0.31
Heating power input		W	70	70	70
Heating current input		A	0.31	0.31	0.31
*Minimum line current		A	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6
Sound pressure level		dB(A)	44	44	44
Power supply			220-240V 1 phase ~50Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	1008×221×319	1008×221×319	1008×221×319
Net weight		kg	15	15	15

Model		GMV-N22G/B3A-K	GMV-N28G/B3A-K	GMV-N36G/B3A-K	GMV-N45G/B3A-K	GMV-N50G/B3A-K
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.0
Heating capacity	kW	2.5	3.2	4.0	5.0	5.8
Air volume	m³/h	500	500	630	630	630
Cooling power input	W	50	50	60	60	60
Cooling current input	A	0.2	0.2	0.31	0.31	0.31
Heating power input	W	50	50	60	60	60
Heating current input	A	0.2	0.2	0.31	0.31	0.31

Model			GMV-N22G/B3A-K	GMV-N28G/B3A-K	GMV-N36G/B3A-K	GMV-N45G/B3A-K	GMV-N50G/B3A-K
*Minimum line current		A	0.25	0.25	0.38	0.38	0.38
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44
Power supply			220-240V 1 phase ~50Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter × thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843x180x275	843x180x275	940x200x298	940x200x298	940x200x298
Net weight		kg	10	10	12.5	12.5	12.5

Model			GMV-N56G/B3A-K	GMV-N63G/B3A-K	GMV-N71G/B3A-K
Cooling capacity		kW	5.6	6.3	7.1
Heating capacity		kW	6.3	7.0	7.5
Air volume		m³/h	750	750	750
Cooling power input		W	70	70	70
Cooling current input		A	0.31	0.31	0.31
Heating power input		W	70	70	70
Heating current input		A	0.31	0.31	0.31
*Minimum line current		A	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6
Sound pressure level		dB(A)	44	44	44
Power supply			220-240V 1 phase ~50Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	1008×221×319	1008×221×319	1008×221×319
Net weight		kg	15	15	15

Model			GMV-N22G/A2A-K	GMV-N28G/A2A-K	GMV-N36G/A2A-K	GMV-N45G/A2A-K	GMV-N50G/A2A-K
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0
Heating capacity		kW	2.5	3.2	4.0	5.0	5.8
Air volume		m³/h	500	500	630	630	630
Cooling power input		W	50	50	60	60	60
Cooling current input		A	0.2	0.2	0.31	0.31	0.31
Heating power input		W	50	50	60	60	60
Heating current input		A	0.2	0.2	0.31	0.31	0.31
*Minimum line current		A	0.25	0.25	0.38	0.38	0.38
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44
Power supply			220-240V 1 phase ~50Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter × thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5

Model			GMV-N22G/A2A-K	GMV-N28G/A2A-K	GMV-N36G/A2A-K	GMV-N45G/A2A-K	GMV-N50G/A2A-K
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298	940×200×298
Net weight		kg	10	10	12.5	12.5	12.5

Model		GMV-N56G/A2A-K	GMV-N63G/A2A-K	GMV-N71G/A2A-K
Cooling capacity	kW	5.6	6.3	7.1
Heating capacity	kW	6.3	7.0	7.5
Air volume	m³/h	750	750	750
Cooling power input	W	70	70	70
Cooling current input	A	0.31	0.31	0.31
Heating power input	W	70	70	70
Heating current input	A	0.31	0.31	0.31
*Minimum line current	A	0.5	0.5	0.5
*Maximum fuse current	A	6	6	6
Sound pressure level	dB(A)	44	44	44
Power supply		220-240V 1 phase ~50Hz		
Piping interface	Liquid pipe mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe mm	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness mm	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H mm	1008×221×319	1008×221×319	1008×221×319
Net weight	kg	15	15	15

Model			GMV-N22G/A4A-K	GMV-N28G/A4A-K	GMV-N36G/A4A-K	GMV-N45G/A4A-K	GMV-N50G/A4A-K
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0
Heating capacity		kW	2.5	3.2	4.0	5.0	5.8
Air volume		m³/h	500	500	630	630	630
Cooling power input		W	50	50	60	60	60
Cooling current input		A	0.2	0.2	0.31	0.31	0.31
Heating power input		W	50	50	60	60	60
Heating current input		A	0.2	0.2	0.31	0.31	0.31
*Minimum line current		A	0.25	0.25	0.38	0.38	0.38
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44
Power supply			220-240V 1 phase ~50Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter ×thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180× 275	843×180× 275	940×200× 298	940×200× 298	940×200× 298
Net weight		kg	10	10	12.5	12.5	12.5

Model		GMV-N56G/A4A-K	GMV-N63G/A4A-K	GMV-N71G/A4A-K
Cooling capacity	kW	5.6	6.3	7.1
Heating capacity	kW	6.3	7.0	7.5
Air volume	m³/h	750	750	750

Model			GMV-N56G/A4A-K	GMV-N63G/A4A-K	GMV-N71G/A4A-K
Cooling power input		W	70	70	70
Cooling current input		A	0.31	0.31	0.31
Heating power input		W	70	70	70
Heating current input		A	0.31	0.31	0.31
*Minimum line current		A	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6
Sound pressure level		dB(A)	44	44	44
Power supply			220-240V 1 phase ~50Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	1008×221×319	1008×221×319	1008×221×319
Net weight		kg	15	15	15

Model			GMV-N22G/A8A-K	GMV-N28G/A8A-K	GMV-N36G/A8A-K	GMV-N45G/A8A-K	GMV-N50G/A8A-K
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0
Heating capacity		kW	2.5	3.2	4.0	5.0	5.8
Air volume		m³/h	500	500	630	630	630
Cooling power input		W	50	50	60	60	60
Cooling current input		A	0.2	0.2	0.31	0.31	0.31
Heating power input		W	50	50	60	60	60
Heating current input		A	0.2	0.2	0.31	0.31	0.31
*Minimum line current		A	0.25	0.25	0.38	0.38	0.38
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44
Power supply			220-240V 1 phase ~50Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298	940×200×298
Net weight		kg	10	10	12.5	12.5	12.5

Model		GMV-N56G/A8A-K	GMV-N63G/A8A-K	GMV-N71G/A8A-K
Cooling capacity	kW	5.6	6.3	7.1
Heating capacity	kW	6.3	7.0	7.5
Air volume	m³/h	750	750	750
Cooling power input	W	70	70	70
Cooling current input	A	0.31	0.31	0.31
Heating power input	W	70	70	70
Heating current input	A	0.31	0.31	0.31
*Minimum line current	A	0.5	0.5	0.5
*Maximum fuse current	A	6	6	6
Sound pressure level	dB(A)	44	44	44
Power supply		220-240V 1 phase ~50Hz		

Model			GMV-N56G/A8A-K	GMV-N63G/A8A-K	GMV-N71G/A8A-K
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	1008×221×319	1008×221×319	1008×221×319
Net weight		kg	15	15	15

Model			GMV-N22G /C9A-K	GMV-N28G/ C9A -K	GMV-N36G/ C9A-K	GMV-N45G/ C9A -K	GMV-N50G/ C9A -K
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0
Heating capacity		kW	2.5	3.2	4.0	5.0	5.8
Air volume		m³/h	500	500	630	630	630
Cooling power input		W	50	50	60	60	60
Cooling current input		A	0.2	0.2	0.31	0.31	0.31
Heating power input		W	50	50	60	60	60
Heating current input		A	0.2	0.2	0.31	0.31	0.31
*Minimum line current		A	0.25	0.25	0.38	0.38	0.38
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44
Power supply			220-240V 1 phase ~50Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298	940×200×298
Net weight		kg	10	10	12.5	12.5	12.5

Model			GMV-N56G/C9A -K	GMV-N63G/C9A -K	GMV-N71G/C9A -K
Cooling capacity		kW	5.6	6.3	7.1
Heating capacity		kW	6.3	7.0	7.5
Air volume		m³/h	750	750	750
Cooling power input		W	70	70	70
Cooling current input		A	0.31	0.31	0.31
Heating power input		W	70	70	70
Heating current input		A	0.31	0.31	0.31
*Minimum line current		A	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6
Sound pressure level		dB(A)	44	44	44
Power supply			220-240V 1 phase ~50Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	1008×221×319	1008×221×319	1008×221×319
Net weight		kg	15	15	15

Model			GMV-N22G /E3A-K	GMV-N28G/ E3A -K	GMV-N36G/ E3A -K	GMV-N45G/ E3A -K	GMV-N50G/ E3A -K
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0
Heating capacity		kW	2.5	3.2	4.0	5.0	5.8
Air volume		m³/h	500	500	630	630	630
Cooling power input		W	50	50	60	60	60
Cooling current input		A	0.2	0.2	0.31	0.31	0.31
Heating power input		W	50	50	60	60	60
Heating current input		A	0.2	0.2	0.31	0.31	0.31
*Minimum line current		A	0.25	0.25	0.38	0.38	0.38
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44
Power supply			220-240V 1 phase ~50Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter ×thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298	940×200×298
Net weight		kg	10	10	12.5	12.5	12.5

Model			GMV-N56G/ E3A -K	GMV-N63G/ E3A -K	GMV-N71G/ E3A -K
Cooling capacity		kW	5.6	6.3	7.1
Heating capacity		kW	6.3	7.0	7.5
Air volume		m³/h	750	750	750
Cooling power input		W	70	70	70
Cooling current input		A	0.31	0.31	0.31
Heating power input		W	70	70	70
Heating current input		A	0.31	0.31	0.31
*Minimum line current		A	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6
Sound pressure level		dB(A)	44	44	44
Power supply			220-240V 1 phase ~50Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	1008×221×319	1008×221×319	1008×221×319
Net weight		kg	15	15	15

Model		GMV-N22G/A3A-D	GMV-N28G/A3A-D	GMV-N36G/A3A-D	GMV-N45G/A3A-D
Cooling capacity	kW	2.2	2.8	3.6	4.5
Heating capacity	kW	2.5	3.2	4.0	5.0
Air volume	m³/h	500	500	630	630
Cooling power input	W	50	50	60	60
Cooling current input	A	0.2	0.2	0.21	0.21
Heating power input	W	50	50	60	60
Heating current input	A	0.2	0.2	0.21	0.21
*Minimum line current	A	0.25	0.25	0.38	0.38

Model			GMV-N22G/A3A-D	GMV-N28G/A3A-D	GMV-N36G/A3A-D	GMV-N45G/A3A-D
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External diameter ×thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298
Net weight	Main body	kg	10.0	10.0	12.5	12.5

Model			GMV-N50G/A3A-D	GMV-N56G/A3A-D	GMV-N63G/A3A-D	GMV-N71G/A3A-D
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.8	6.3	7.0	7.5
Air volume		m³/h	630	750	750	750
Cooling power input		W	60	70	70	70
Cooling current input		A	0.21	0.31	0.31	0.31
Heating power input		W	60	70	70	70
Heating current input		A	0.21	0.31	0.31	0.31
*Minimum line current		A	0.38	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	44	44	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	940×200×298	1008×221×319	1008×221×319	1008×221×319
Net weight	Main body	kg	12.5	15.0	15.0	15.0

Model			GMV-N22G/A2A-D	GMV-N28G/A2A-D	GMV-N36G/A2A-D	GMV-N45G/A2A-D
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	630	630
Cooling power input		W	50	50	60	60
Cooling current input		A	0.2	0.2	0.21	0.21
Heating power input		W	50	50	60	60
Heating current input		A	0.2	0.2	0.21	0.21
*Minimum line current		A	0.25	0.25	0.38	0.38
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pie	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter×Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5

Model			GMV-N22G/A2A-D	GMV-N28G/A2A-D	GMV-N36G/A2A-D	GMV-N45G/A2A-D
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298
Net weight	Main body	kg	10.0	10.0	12.5	12.5

Model			GMV-N50G/A2A-D	GMV-N56G/A2A-D	GMV-N63G/A2A-D	GMV-N71G/A2A-D
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.8	6.3	7.0	7.5
Air volume		m³/h	630	750	750	750
Cooling power input		W	60	70	70	70
Cooling current input		A	0.21	0.31	0.31	0.31
Heating power input		W	60	70	70	70
Heating current input		A	0.21	0.31	0.31	0.31
*Minimum line current		A	0.38	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	44	44	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pie	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter×Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	940×200×298	1008×221×319	1008×221×319	1008×221×319
Net weight	Main body	kg	12.5	15.0	15.0	15.0

Model			GMV-N22G/A4A-D	GMV-N28G/A4A-D	GMV-N36G/A4A-D	GMV-N45G/A4A-D
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	630	630
Cooling power input		W	50	50	60	60
Cooling current input		A	0.2	0.2	0.21	0.21
Heating power input		W	50	50	60	60
Heating current input		A	0.2	0.2	0.21	0.21
*Minimum line current		A	0.25	0.25	0.38	0.38
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pie	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter× Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298
Net weight	Main body	kg	10.0	10.0	12.5	12.5

Model		GMV-N50G/A4A-D	GMV-N56G/A4A-D	GMV-N63G/A4A-D	GMV-N71G/A4A-D
Cooling capacity	kW	5.0	5.6	6.3	7.1
Heating capacity	kW	5.8	6.3	7.0	7.5
Air volume	m³/h	630	750	750	750

Model			GMV-N50G/A4A-D	GMV-N56G/A4A-D	GMV-N63G/A4A-D	GMV-N71G/A4A-D
Cooling power input		W	60	70	70	70
Cooling current input		A	0.21	0.31	0.31	0.31
Heating power input		W	60	70	70	70
Heating current input		A	0.21	0.31	0.31	0.31
*Minimum line current		A	0.38	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	44	44	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter×Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	940×200×298	1008×221×319	1008×221×319	1008×221×319
Net weight	Main body	kg	12.5	15.0	15.0	15.0

Model			GMV-N22G/A8A-D	GMV-N28G/A8A-D	GMV-N36G/A8A-D	GMV-N45G/A8A-D
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	630	630
Cooling power input		W	50	50	60	60
Cooling current input		A	0.2	0.2	0.21	0.21
Heating power input		W	50	50	60	60
Heating current input		A	0.2	0.2	0.21	0.21
*Minimum line current		A	0.25	0.25	0.38	0.38
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pie	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter×Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298
Net weight	Main body	kg	10.0	10.0	12.5	12.5

Model		GMV-N50G/A8A-D	GMV-N56G/A8A-D	GMV-N63G/A8A-D	GMV-N71G/A8A-D
Cooling capacity	kW	5.0	5.6	6.3	7.1
Heating capacity	kW	5.8	6.3	7.0	7.5
Air volume	m³/h	630	750	750	750
Cooling power input	W	60	70	70	70
Cooling current input	A	0.21	0.31	0.31	0.31
Heating power input	W	60	70	70	70
Heating current input	A	0.21	0.31	0.31	0.31
*Minimum line current	A	0.38	0.5	0.5	0.5
*Maximum fuse current	A	6	6	6	6
Sound pressure level	dB(A)	44	44	44	44
Power supply		208-230V~60Hz			

Model			GMV-N50G/A8A-D	GMV-N56G/A8A-D	GMV-N63G/A8A-D	GMV-N71G/A8A-D
Piping interface	Liquid pie	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter×Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	940×200×298	1008×221×319	1008×221×319	1008×221×319
Net weight	Main body	kg	12.5	15.0	15.0	15.0

Model			GMV-N22G/C9A-D	GMV-N28G/C9A-D	GMV-N36G/C9A-D	GMV-N45G/C9A-D
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	630	630
Cooling power input		W	50	50	60	60
Cooling current input		A	0.2	0.2	0.21	0.21
Heating power input		W	50	50	60	60
Heating current input		A	0.2	0.2	0.21	0.21
*Minimum line current		A	0.25	0.25	0.38	0.38
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter× Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298
Net weight	Main body	kg	10.0	10.0	12.5	12.5

Model			GMV-N50G/C9A-D	GMV-N56G/C9A-D	GMV-N63G/C9A-D	GMV-N71G/C9A-D
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.8	6.3	7.0	7.5
Air volume		m³/h	630	750	750	750
Cooling power input		W	60	70	70	70
Cooling current input		A	0.21	0.31	0.31	0.31
Heating power input		W	60	70	70	70
Heating current input		A	0.21	0.31	0.31	0.31
*Minimum line current		A	0.38	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	44	44	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter× Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	940×200×298	1008×221×319	1008×221×319	1008×221×319
Net weight	Main body	kg	12.5	15.0	15.0	15.0

Model			GMV-N22G/E3A-D	GMV-N28G/E3A-D	GMV-N36G/E3A-D	GMV-N45G/E3A-D
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	630	630
Cooling power input		W	50	50	60	60
Cooling current input		A	0.2	0.2	0.21	0.21
Heating power input		W	50	50	60	60
Heating current input		A	0.2	0.2	0.21	0.21
*Minimum line current		A	0.25	0.25	0.38	0.38
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pie	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter× Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298
Net weight	Main body	kg	10.0	10.0	12.5	12.5

Model			GMV-N50G/E3A-D	GMV-N56G/E3A-D	GMV-N63G/E3A-D	GMV-N71G/E3A-D
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.8	6.3	7.0	7.5
Air volume		m³/h	630	750	750	750
Cooling power input		W	60	70	70	70
Cooling current input		A	0.21	0.31	0.31	0.31
Heating power input		W	60	70	70	70
Heating current input		A	0.21	0.31	0.31	0.31
*Minimum line current		A	0.38	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	44	44	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pie	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter ×Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	940×200×298	1008×221×319	1008×221×319	1008×221×319
Net weight	Main body	kg	12.5	15.0	15.0	15.0

Model		GMV-N22G/B3A-D	GMV-N28G/B3A-D	GMV-N36G/B3A-D	GMV-N45G/B3A-D
Cooling capacity	kW	2.2	2.8	3.6	4.5
Heating capacity	kW	2.5	3.2	4.0	5.0
Air volume	m³/h	500	500	630	630
Cooling power input	W	50	50	60	60
Cooling current input	A	0.2	0.2	0.21	0.21
Heating power input	W	50	50	60	60
Heating current input	A	0.2	0.2	0.21	0.21
*Minimum line current	A	0.25	0.25	0.38	0.38
*Maximum fuse current	A	6	6	6	6
Sound pressure level	dB(A)	38	38	44	44

Model			GMV-N22G/B3A-D	GMV-N28G/B3A-D	GMV-N36G/B3A-D	GMV-N45G/B3A-D
Power supply			208-230V~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298
Net weight	Main body	kg	10.0	10.0	12.5	12.5

Model			GMV-N50G/B3A-D	GMV-N56G/B3A-D	GMV-N63G/B3A-D	GMV-N71G/B3A-D
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.8	6.3	7.0	7.5
Air volume		m³/h	630	750	750	750
Cooling power input		W	60	70	70	70
Cooling current input		A	0.21	0.31	0.31	0.31
Heating power input		W	60	70	70	70
Heating current input		A	0.21	0.31	0.31	0.31
*Minimum line current		A	0.38	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	44	44	44	44
Power supply			208-230V~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	940×200×298	1008×221×319	1008×221×319	1008×221×319
Net weight	Main body	kg	12.5	15.0	15.0	15.0

Model			GMV-ND22G/A3A-T	GMV-ND28G/A3A-T	GMV-ND36G/A3A-T	GMV-ND45G/A3A-T	GMV-ND50G/A3A-T	GMV-ND56G/A3A-T
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0	5.6
Heating capacity		kW	2.5	3.2	4.0	5.0	5.8	6.3
Air volume		m³/h	500	500	630	630	630	750
Cooling power input		W	20	20	30	30	30	40
Cooling current input		A	0.1	0.1	0.16	0.16	0.16	0.17
Heating power input		W	20	20	30	30	30	40
Heating current input		A	0.1	0.1	0.16	0.16	0.16	0.17
*Minimum line current		A	0.1	0.1	0.15	0.15	0.15	0.2
*Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298	940×200×298	1008×221×319
Net weight	Main body	kg	10.0	10.0	12.5	12.5	12.5	15.0

Model			GMV-ND63G/A3A-T	GMV-ND71G/A3A-T	GMV-ND80G/A3A-T	GMV-ND90G/A3A-T	GMV-ND100G/A3A-T
Cooling capacity		kW	6.3	7.1	8.0	9.0	9.5
Heating capacity		kW	7.0	7.5	9.0	10.0	10.5
Air volume		m³/h	750	750	1550	1550	1650
Cooling power input		W	40	40	80	80	100
Cooling current input		A	0.17	0.17	0.41	0.41	0.41
Heating power input		W	40	40	80	80	100
Heating current input		A	0.17	0.17	0.41	0.41	0.41
*Minimum line current		A	0.2	0.2	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	44	44	49	49	52
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz				
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	1008×221×319	1008×221×319	1350×258×326	1350×258×326	1350×258×326
Net weight	Main body	kg	15.0	15.0	18.5	18.5	18.5

Model			GMV-ND22G/A8A-T	GMV-ND28G/A8A-T	GMV-ND36G/A8A-T	GMV-ND45G/A8A-T	GMV-ND50G/A8A-T	GMV-ND56G/A8A-T
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.0	5.6
Heating capacity		kW	2.5	3.2	4.0	5.0	5.8	6.3
Air volume		m³/h	500	500	630	630	630	750
Cooling power input		W	20	20	30	30	30	40
Cooling current input		A	0.1	0.1	0.16	0.16	0.16	0.17
Heating power input		W	20	20	30	30	30	40
Heating current input		A	0.1	0.1	0.16	0.16	0.16	0.17
*Minimum line current		A	0.1	0.1	0.15	0.15	0.15	0.2
*Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	38	38	44	44	44	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	843×180×275	843×180×275	940×200×298	940×200×298	940×200×298	1008×221×319
Net weight	Main body	kg	10.0	10.0	12.5	12.5	12.5	15.0

Model		GMV-ND63G/A8A-T	GMV-ND71G/A8A-T	GMV-ND80G/A8A-T	GMV-ND90G/A8A-T	GMV-ND100G/A8A-T
Cooling capacity	kW	6.3	7.1	8.0	9.0	9.5
Heating capacity	kW	7.0	7.5	9.0	10.0	10.5
Air volume	m³/h	750	750	1550	1550	1650
Cooling power input	W	40	40	80	80	100
Cooling current input	A	0.17	0.17	0.41	0.41	0.41
Heating power input	W	40	40	80	80	100

Model			GMV-ND63G/A8A-T	GMV-ND71G/A8A-T	GMV-ND80G/A8A-T	GMV-ND90G/A8A-T	GMV-ND100G/A8A-T
Heating current input		A	0.17	0.17	0.41	0.41	0.41
*Minimum line current		A	0.2	0.2	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	44	44	49	49	52
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz				
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	1008×221×319	1008×221×319	1350×258×326	1350×258×326	1350×258×326
Net weight	Main body	kg	15.0	15.0	18.5	18.5	18.5

Model			GMV-ND15G/B6B-T	GMV-ND18G/B6B-T	GMV-ND22G/B6B-T	GMV-ND28G/B6B-T	GMV-ND36G/B6B-T	GMV-ND45G/B6B-T
Cooling capacity		kW	1.5	1.8	2.2	2.8	3.6	4.5
Heating capacity		kW	1.8	2.2	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	500	500	630	850
Cooling power input		W	20	20	20	20	25	35
Cooling current input		A	0.1	0.1	0.1	0.1	0.12	0.17
Heating power input		W	20	20	20	20	25	35
Heating current input		A	0.1	0.1	0.1	0.1	0.12	0.17
*Minimum line current		A	0.1	0.1	0.1	0.1	0.15	0.15
*Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	35	35	35	35	38	43
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter × Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions W×D×H		mm	845×289×209	845×289×209	845×289×209	845×289×209	845×289×209	970×300×224
Net weight	Main body	kg	10.5	10.5	10.5	10.5	10.5	12.5

Model		GMV-ND50G/B6B-T	GMV-ND56G/B6B-T	GMV-ND63G/B6B-T	GMV-ND71G/B6B-T
Cooling capacity	kW	5.0	5.6	6.3	7.1
Heating capacity	kW	5.6	6.3	7.1	7.5
Air volume	m³/h	850	1100	1100	1200
Cooling power input	W	35	50	50	65
Cooling current input	A	0.17	0.24	0.24	0.31
Heating power input	W	35	50	50	65
Heating current input	A	0.17	0.24	0.24	0.31
*Minimum line current	A	0.15	0.2	0.2	0.2
*Maximum fuse current	A	6	6	6	6
Sound pressure level	dB(A)	43	43	43	44
Power supply		220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			

Model			GMV-ND50G/B6B-T	GMV-ND56G/B6B-T	GMV-ND63G/B6B-T	GMV-ND71G/B6B-T
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter × Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions W×D×H		mm	970×300×224	1078×325×246	1078×325×246	1078×325×246
Net weight	Main body	kg	12.5	16	16	16

Model			GMV-ND15G/B4B-T	GMV-ND18G/B4B-T	GMV-ND22G/B4B-T	GMV-ND28G/B4B-T	GMV-ND36G/B4B-T	GMV-ND45G/B4B-T
Cooling capacity		kW	1.5	1.8	2.2	2.8	3.6	4.5
Heating capacity		kW	1.8	2.2	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	500	500	630	850
Cooling power input		W	20	20	20	20	25	35
Cooling current input		A	0.1	0.1	0.1	0.1	0.12	0.17
Heating power input		W	20	20	20	20	25	35
Heating current input		A	0.1	0.1	0.1	0.1	0.12	0.17
*Minimum line current		A	0.1	0.1	0.1	0.1	0.15	0.15
*Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	35	35	35	35	38	43
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External diameter × thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	845×289×209	845×289×209	845×289×209	845×289×209	845×289×209	970×300×224
Net weight	Main body	kg	10.5	10.5	10.5	10.5	10.5	12.5

Model			GMV-ND50G/B4B-T	GMV-ND56G/B4B-T	GMV-ND63G/B4B-T	GMV-ND71G/B4B-T	GMV-ND80G/B4B-T	GMV-ND90G/B4B-T	GMV-ND100G/B4B-T
Cooling capacity		kW	5.0	5.6	6.3	7.1	8.0	9.0	9.5
Heating capacity		kW	5.6	6.3	7.1	7.5	9.0	10.0	10.5
Air volume		m³/h	850	1100	1100	1200	1550	1550	1650
Cooling power input		W	35	50	50	65	80	80	100
Cooling current input		A	0.17	0.24	0.24	0.31	0.41	0.41	0.41
Heating power input		W	35	50	50	65	80	80	100
Heating current input		A	0.17	0.24	0.24	0.31	0.41	0.41	0.41
*Minimum line current		A	0.15	0.2	0.2	0.2	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6	6	6	6
Sound pressure level		dB(A)	43	43	43	44	49	49	52
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz						
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter× thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5

Model			GMV-ND50G/B4B-T	GMV-ND56G/B4B-T	GMV-ND63G/B4B-T	GMV-ND71G/B4B-T	GMV-ND80G/B4B-T	GMV-ND90G/B4B-T	GMV-ND100G/B4B-T
Dimensions	W×D×H	mm	970×300×224	1078×325×246	1078×325×246	1078×325×246	1350×258×326	1350×258×326	1350×258×326
Net weight	Main body	kg	12.5	16	16	16	18.5	18.5	18.5

Model			GMV-ND22G/C4B-T	GMV-ND28G/C4B-T	GMV-ND36G/C4B-T	GMV-ND45G/C4B-T
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	630	850
Cooling power input		W	20	20	25	35
Cooling current input		A	0.1	0.1	0.12	0.17
Heating power input		W	20	20	25	35
Heating current input		A	0.1	0.1	0.12	0.17
*Minimum line current		A	0.1	0.1	0.15	0.15
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	35	35	38	43
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter × Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions W×D×H		mm	845×289×209	845×289×209	845×289×209	970×300×224
Net weight	Main body	kg	10.5	10.5	10.5	12.5

Model			GMV-ND50G/C4B-T	GMV-ND56G/C4B-T	GMV-ND63G/C4B-T	GMV-ND71G/C4B-T
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.6	6.3	7.1	7.5
Air volume		m³/h	850	1100	1100	1200
Cooling power input		W	35	50	50	65
Cooling current input		A	0.17	0.24	0.24	0.31
Heating power input		W	35	50	50	65
Heating current input		A	0.17	0.24	0.24	0.31
*Minimum line current		A	0.15	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	43	43	43	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter × Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions W×D×H		mm	970×300×224	1078×325×246	1078×325×246	1078×325×246
Net weight	Main body	kg	12.5	16	16	16

Model			GMV-ND22G/C2B-T	GMV-ND28G/C2B-T	GMV-ND36G/C2B-T	GMV-ND45G/C2B-T
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4.0	5.0
Air volume		m³/h	500	500	630	850
Cooling power input		W	20	20	25	35
Cooling current input		A	0.1	0.1	0.12	0.17
Heating power input		W	20	20	25	35
Heating current input		A	0.1	0.1	0.12	0.17
*Minimum line current		A	0.1	0.1	0.15	0.15
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	35	35	38	43
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter × Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions W×D×H		mm	845×289×209	845×289×209	845×289×209	970×300×224
Net weight	Main body	kg	10.5	10.5	10.5	12.5

Model			GMV-ND50G/C2B-T	GMV-ND56G/C2B-T	GMV-ND63G/C2B-T	GMV-ND71G/C2B-T
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.6	6.3	7.1	7.5
Air volume		m³/h	850	1100	1100	1200
Cooling power input		W	35	50	50	65
Cooling current input		A	0.17	0.24	0.24	0.31
Heating power input		W	35	50	50	65
Heating current input		A	0.17	0.24	0.24	0.31
*Minimum line current		A	0.15	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	43	43	43	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter × Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions W×D×H		mm	970×300×224	1078×325×246	1078×325×246	1078×325×246
Net weight	Main body	kg	12.5	16	16	16

Model		GMV-ND22G/D2B-T	GMV-ND28G/D2B-T	GMV-ND36G/D2B-T	GMV-ND45G/D2B-T
Cooling capacity	kW	2.2	2.8	3.6	4.5
Heating capacity	kW	2.5	3.2	4.0	5.0
Air volume	m³/h	500	500	630	850
Cooling power input	W	20	20	25	35
Cooling current input	A	0.1	0.1	0.12	0.17
Heating power input	W	20	20	25	35

Model			GMV-ND22G/D2B-T	GMV-ND28G/D2B-T	GMV-ND36G/D2B-T	GMV-ND45G/D2B-T
Heating current input		A	0.1	0.1	0.12	0.17
*Minimum line current		A	0.1	0.1	0.15	0.15
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	35	35	38	43
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	Outer diameter × Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	845×289×209	845×289×209	845×289×209	970×300×224
Net weight	Main body	kg	10.5	10.5	10.5	12.5

Model			GMV-ND50G/D2B-T	GMV-ND56G/D2B-T	GMV-ND63G/D2B-T	GMV-ND71G/D2B-T
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.6	6.3	7.1	7.5
Air volume		m^3/h	850	1100	1100	1200
Cooling power input		W	35	50	50	65
Cooling current input		A	0.17	0.24	0.24	0.31
Heating power input		W	35	50	50	65
Heating current input		A	0.17	0.24	0.24	0.31
*Minimum line current		A	0.15	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6
Sound pressure level		dB(A)	43	43	43	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	Outer diameter × Wall thickness	mm	Φ20×1.5	Φ20×1.5	Φ20×1.5	Φ20×1.5
Dimensions	W×D×H	mm	970×300×224	1078×325×246	1078×325×246	1078×325×246
Net weight	Main body	kg	12.5	16	16	16

Model			GMV-ND15G/A1C-T	GMV-ND18G/A1C-T	GMV-ND22G/A1C-T	GMV-ND28G/A1C-T	GMV-ND36G/A1C-T
Cooling capacity		kW	1.5	1.8	2.2	2.8	3.6
Heating capacity		kW	1.8	2.2	2.5	3.2	4.0
Air volume		m^3/h	450	450	450	450	630
Cooling power input		W	25	25	25	25	27
Cooling current input		A	0.2	0.2	0.2	0.2	0.2
Heating power input		W	25	25	25	25	27
Heating current input		A	0.2	0.2	0.2	0.2	0.2
*Minimum line current		A	0.2	0.2	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	37	37	37	37	38
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7

Model			GMV-ND15G/A1C-T	GMV-ND18G/A1C-T	GMV-ND22G/A1C-T	GMV-ND28G/A1C-T	GMV-ND36G/A1C-T
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5	20×1.5	20×1.5
Dimensions	W×D×H	mm	867×206×276	867×206×276	867×206×276	867×206×276	978×248×333
Net weight	Main body	kg	9.5	9.5	9.5	9.5	13.0

Model			GMV-ND45G/A1C-T	GMV-ND50G/A1C-T	GMV-ND56G/A1C-T	GMV-ND63G/A1C-T	GMV-ND71G/A1C-T
Cooling capacity		kW	4.5	5.0	5.6	6.3	7.1
Heating capacity		kW	5.0	5.6	6.3	7.1	7.5
Air volume		m^3/h	650	650	900	900	900
Cooling power input		W	35	35	60	60	60
Cooling current input		A	0.3	0.3	0.5	0.5	0.5
Heating power input		W	35	35	60	60	60
Heating current input		A	0.3	0.3	0.5	0.5	0.5
*Minimum line current		A	0.3	0.3	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	42	43	44	44	44
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5	20×1.5	20×1.5
Dimensions	W×D×H	mm	978×248×333	978×248×333	1116×248×333	1116×248×333	1116×248×333
Net weight	Main body	kg	13.0	13.5	15.5	15.5	15.5

Model			GMV-ND80G/A1C-T	GMV-ND90G/A1C-T	GMV-ND100G/A1C-T
Cooling capacity		kW	8.0	9.0	9.5
Heating capacity		kW	9.0	10.0	10.5
Air volume		m^3/h	1550	1550	1550
Cooling power input		W	86	86	86
Cooling current input		A	0.6	0.6	0.6
Heating power input		W	86	86	86
Heating current input		A	0.6	0.6	0.6
*Minimum line current		A	0.6	0.6	0.6
*Maximum fuse current		A	3.15	3.15	3.15
Sound pressure level		dB(A)	50	50	50
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5
Dimensions	W×D×H	mm	1350×253× 333	1350×253× 333	1350×253× 333
Net weight	Main body	kg	20	20	20

Model			GMV-ND15G/A2C-T	GMV-ND18G/A2C-T	GMV-ND22G/A2C-T	GMV-ND28G/A2C-T	GMV-ND36G/A2C-T
Cooling capacity		kW	1.5	1.8	2.2	2.8	3.6
Heating capacity		kW	1.8	2.2	2.5	3.2	4.0
Air volume		m^3/h	450	450	450	450	630
Cooling power input		W	25	25	25	25	27
Cooling current input		A	0.2	0.2	0.2	0.2	0.2
Heating power input		W	25	25	25	25	27
Heating current input		A	0.2	0.2	0.2	0.2	0.2
*Minimum line current		A	0.2	0.2	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	37	37	37	37	38
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5	20×1.5	20×1.5
Dimensions	W×D×H	mm	867×206×276	867×206×276	867×206×276	867×206×276	978×248×333
Net weight	Main body	kg	9.5	9.5	9.5	9.5	13.0

Model			GMV-ND45G/A2C-T	GMV-ND50G/A2C-T	GMV-ND56G/A2C-T	GMV-ND63G/A2C-T	GMV-ND71G/A2C-T
Cooling capacity		kW	4.5	5.0	5.6	6.3	7.1
Heating capacity		kW	5.0	5.6	6.3	7.1	7.5
Air volume		m^3/h	650	650	900	900	900
Cooling power input		W	35	35	60	60	60
Cooling current input		A	0.3	0.3	0.5	0.5	0.5
Heating power input		W	35	35	60	60	60
Heating current input		A	0.3	0.3	0.5	0.5	0.5
*Minimum line current		A	0.3	0.3	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	42	43	44	44	44
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5	20×1.5	20×1.5
Dimensions	W×D×H	mm	978×248×333	978×248×333	1116×248×333	1116×248×333	1116×248×333
Net weight	Main body	kg	13.0	13.5	15.5	15.5	15.5

Model		GMV-ND15G/A5C-T	GMV-ND18G/A5C-T	GMV-ND22G/A5C-T	GMV-ND28G/A5C-T	GMV-ND36G/A5C-T
Cooling capacity	kW	1.5	1.8	2.2	2.8	3.6
Heating capacity	kW	1.8	2.2	2.5	3.2	4.0
Air volume	m^3/h	450	450	450	450	630
Cooling power input	W	25	25	25	25	27

Model			GMV-ND15G/A5C-T	GMV-ND18G/A5C-T	GMV-ND22G/A5C-T	GMV-ND28G/A5C-T	GMV-ND36G/A5C-T
Cooling current input		A	0.2	0.2	0.2	0.2	0.2
Heating power input		W	25	25	25	25	27
Heating current input		A	0.2	0.2	0.2	0.2	0.2
*Minimum line current		A	0.2	0.2	0.2	0.2	0.2
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	37	37	37	37	38
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5	20×1.5	20×1.5
Dimensions	W×D×H	mm	867×206×276	867×206×276	867×206×276	867×206×276	978×248×333
Net weight	Main body	kg	9.5	9.5	9.5	9.5	13.0

Model			GMV-ND45G/A5C-T	GMV-ND50G/A5C-T	GMV-ND56G/A5C-T	GMV-ND63G/A5C-T	GMV-ND71G/A5C-T
Cooling capacity		kW	4.5	5.0	5.6	6.3	7.1
Heating capacity		kW	5.0	5.6	6.3	7.1	7.5
Air volume		m^3/h	650	650	900	900	900
Cooling power input		W	35	35	60	60	60
Cooling current input		A	0.3	0.3	0.5	0.5	0.5
Heating power input		W	35	35	60	60	60
Heating current input		A	0.3	0.3	0.5	0.5	0.5
*Minimum line current		A	0.3	0.3	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	42	43	44	44	44
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5	20×1.5	20×1.5
Dimensions	W×D×H	mm	978×248×333	978×248×333	1116×248×333	1116×248×333	1116×248×333
Net weight	Main body	kg	13.0	13.5	15.5	15.5	15.5

Model		GMV-ND15G/C1-T	GMV-ND18G/C1-T	GMV-ND22G/C1-T	GMV-ND28G/C1-T	GMV-ND36G/C1-T
Cooling capacity	kW	1.5	1.8	2.2	2.8	3.6
Heating capacity	kW	1.8	2.2	2.5	3.2	4.0
Air volume	m^3/h	500/450	500/450	500/450	500/450	650/630
Cooling power input	W	25	25	25	25	35
Cooling current input	A	0.2	0.2	0.2	0.2	0.3
Heating power input	W	25	25	25	25	35
Heating current input	A	0.2	0.2	0.2	0.2	0.3
*Minimum line current	A	0.2	0.2	0.2	0.2	0.3

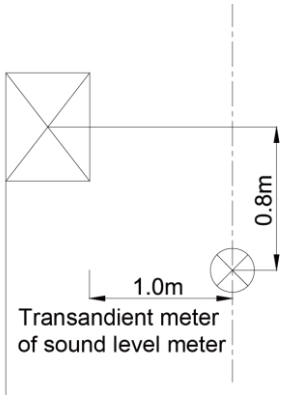
Model			GMV-ND15G/C1-T	GMV-ND18G/C1-T	GMV-ND22G/C1-T	GMV-ND28G/C1-T	GMV-ND36G/C1-T
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	37	37	37	37	38
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ12.7
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5	20×1.5	20×1.5
Dimensions	W×D×H	mm	907×200 ×292	907×200 ×292	907×200 ×292	907×200 ×292	970×257 ×347
Net weight	Main body	kg	10.5	10.5	10.5	10.5	14.5

Model			GMV-ND45G/C1-T	GMV-ND50G/C1-T	GMV-ND56G/C1-T	GMV-ND63G/C1-T	GMV-ND71G/C1-T
Cooling capacity		kW	4.5	5.0	5.6	6.3	7.1
Heating capacity		kW	5.0	5.6	6.3	7.1	7.5
Air volume		m^3/h	850/650	850/650	1200/900	1200/900	1200/900
Cooling power input		W	35	35	60	60	60
Cooling current input		A	0.3	0.3	0.5	0.5	0.5
Heating power input		W	35	35	60	60	60
Heating current input		A	0.3	0.3	0.5	0.5	0.5
*Minimum line current		A	0.3	0.3	0.5	0.5	0.5
*Maximum fuse current		A	6	6	6	6	6
Sound pressure level		dB(A)	42	43	44	44	44
Power supply			220-240V 1 phase ~ 50Hz/208-230V 1 phase ~ 60Hz				
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	20×1.5	20×1.5	20×1.5	20×1□5	20×1.5
Dimensions	W×D×H	mm	970×257×34 7	970×257×34 7	1110×257×3 47	1110×257×3 47	1110×257×3 47
Net weight	Main body	kg	14.5	15.0	17.0	17.0	17.0

Notes:

① Rated Cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



3.15 Super High Static Pressure Duct Type Indoor Unit

Model			GMV-ND22PHS/B-T	GMV-ND25PHS/B-T	GMV-ND28PHS/B-T	GMV-ND32PHS/B-T	GMV-ND36PHS/B-T	GMV-ND40PHS/B-T
Cooling capacity		kW	2.2	2.5	2.8	3.2	3.6	4
Heating capacity		kW	2.5	2.8	3.2	3.6	4	4.5
Air Volume		m³/h	550	550	550	600	600	850
External Static Pressure		Pa	60/0~150	60/0~150	60/0~150	60/0~150	60/0~150	60/0~150
Cooling power input		W	55	55	55	65	65	85
Cooling current input		A	0.5	0.5	0.5	0.5	0.5	0.5
Heating power input		W	55	55	55	65	65	85
Heating current input		A	0.5	0.5	0.5	0.5	0.5	0.5
Minimum line current		A	0.375	0.375	0.375	0.375	0.375	0.5
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	33	33	33	33	33	36
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Pipe diameter	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline Dimensions	W×D×H	mm	700×700×300	700×700×300	700×700×300	700×700×300	700×700×300	700×700×300
Net weight		kg	32	32	32	32	32	34

Model			GMV-ND45PHS/B-T	GMV-ND50PHS/B-T	GMV-ND56PHS/B-T	GMV-ND63PHS/B-T	GMV-ND71PHS/B-T	GMV-ND80PHS/B-T
Cooling capacity		kW	4.5	5.0	5.6	6.3	7.1	8.0
Heating capacity		kW	5.0	5.6	6.3	7.1	8.0	9.0
Air Volume		m³/h	850	850	1000	1000	1250	1250
External Static Pressure		Pa	60/0~150	60/0~150	90/0~200	90/0~200	90/0~200	90/0~200
Cooling power input		W	85	85	90	90	100	100
Cooling current input		A	0.5	0.5	0.8	0.8	0.8	0.8
Heating power input		W	85	85	90	90	100	100
Heating current input		A	0.5	0.5	0.8	0.8	0.8	0.8
Minimum line current		A	0.5	0.5	0.5	0.5	0.5	0.5
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	36	36	37	37	38	38
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Pipe diameter	Liquid pipe	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline Dimensions	W×D×H	mm	700×700×300	700×700×300	1000×700×300	1000×700×300	1000×700×300	1000×700×300
Net weight		kg	34	34	43	43	43	43

Model		GMV-ND90PHS/B-T	GMV-ND100PHS/B-T	GMV-ND112PHS/B-T	GMV-ND125PHS/B-T	GMV-ND140PHS/B-T	GMV-ND160PHS/B-T
Cooling capacity	kW	9.0	10.0	11.2	12.5	14.0	16.0
Heating capacity	kW	10.0	11.2	12.5	14.0	16.0	18.0
Air Volume	m³/h	1800	1800	2000	2000	2350	2500

Model			GMV-ND90PHS/B-T	GMV-ND100PHS/B-T	GMV-ND112PHS/B-T	GMV-ND125PHS/B-T	GMV-ND140PHS/B-T	GMV-ND160PHS/B-T
External Static Pressure		Pa	90/0~200	90/0~200	90/0~200	90/0~200	90/0~200	90/0~200
Cooling power input		W	140	140	160	160	220	230
Cooling current input		A	1.1	1.1	1.1	1.1	1.5	1.5
Heating power input		W	140	140	160	160	220	230
Heating current input		A	1.1	1.1	1.1	1.1	1.5	1.5
Minimum line current		A	0.75	0.75	0.875	0.875	1.25	1.25
Maximum fuse current		A	6	6	6	6	6	6
Sound pressure level		dB(A)	40	40	40	40	42	44
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz					
Pipe diameter	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ19.05
Drain pipe	External diameter ×thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline Dimensions	W×D×H	mm	1400×700 ×300	1400×700 ×300	1400×700 ×300	1400×700 ×300	1400×700 ×300	1400×700 ×300
Net weight		kg	57	57	57	57	58	58

Model			GMV-ND180PHS/B-T
Cooling capacity		kW	18.0
Heating capacity		kW	20.0
Air Volume		m³/h	3000
External Static Pressure		Pa	90/0~170
Cooling power input		W	350
Cooling current input		A	2.0
Heating power input		W	350
Heating current input		A	2.0
Minimum line current		A	3.39
Maximum fuse current		A	6
Sound pressure level		dB(A)	49
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz
Pipe diameter	Liquid pipe	mm	Φ9.52
	Gas pipe	mm	Φ19.05
Drain pipe	External diameter×thickness	mm	Φ25×2.5
Outline Dimensions	W×D×H	mm	1400×700×300
Net weight		kg	58

Model		GMV-ND400PH/AR-X	GMV-ND450PH/AR-X	GMV-N560PH/AR-M
Cooling capacity	kW	40.0	45.0	56.0
Heating capacity	kW	45.0	50.0	63.0
Air Volume	m³/h	8000	8200	10000
External Static Pressure	Pa	200/50~250	200/50~250	200
Cooling power input	W	2500	2550	2700
Cooling current input	A	2.7	4.1	5.5
Heating power input	W	2500	2550	2700
Heating current input	A	2.7	4.1	5.5
Minimum line current	A	/	/	/

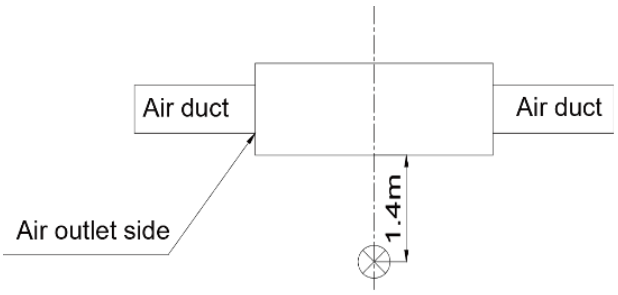
Model			GMV-ND400PH/AR-X	GMV-ND450PH/AR-X	GMV-N560PH/AR-M
Maximum fuse current		A	/	/	/
Sound pressure level		dB(A)	61	62	63
Power supply			380-415V 3 phase ~50/60Hz	380V 3 phase ~50Hz	
Pipe diameter	Liquid pipe	mm	Φ12.7	Φ12.7	Φ15.9
	Gas pipe	mm	Φ25.4	Φ28.6	Φ28.6
Drain pipe	External diameter ×thickness	mm	Φ25×2	Φ25×2	Φ25×2
Outline Dimensions	W×D×H	mm	1680×900×650	1900×1100×700	1900×1100×850
Net weight		kg	170	236	282

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.

③ In the column of “Unit external static pressure”: The figure before “/” indicates the default external static pressure of unit before delivery, and the figures after indicate the adjustable static pressure range of unit.



Transandient meter of sound level meter

3.16 AHU-KIT Type

Model				GMV-N36U/A-T		GMV-N71U/A-T			GMV-N140U/A-T		
Defaulted capacity of ex-factory	Capacity			36		71			140		
	Cooling		kW	3.6		7.1			14.0		
	Heating		kW	4.0		8.0			16.0		
Adjustable capacity	Capacity			28	36	45	56	71	90	112	140
	Cooling		kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
	Heating		kW	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input			W	5.0		5.0			5.0		
Power Supply				220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Size of connection pipe	AHU-KIT (ex-factory pipe size)		mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	AHU	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
		Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Connection method			Brazing Connection		Brazing Connection			Brazing Connection		
Outline dimension (W×D×H)	EXV box		mm	203×326×85		203×326×85			203×326×85		
	Control box		mm	334×284×111		334×284×111			334×284×111		
Packing size(W×D×H)			mm	539×461×247		539×461×247			539×461×247		
Net weight			kg	8.6		8.6			8.6		

Model				GMV-N280U/A-T					GMV-N560U/A-T		
Defaulted capacity of ex-factory	Capacity			280					560		
	Cooling		kW	28.0					56.0		
	Heating		kW	31.5					63.0		
Adjustable capacity	Capacity			224	280	335	400	450	504	560	840
	Cooling		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	84.0
	Heating		kW	25.0	31.5	37.5	45.0	50.00	56.5	63.0	94.5
Power input			W	5.0					5.0		
Power Supply				220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Size of connection pipe	AHU-KIT (ex-factory pipe size)		mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ15.9	Φ15.9	Φ15.9
	AHU	Liquid pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ19.05
		Gas pipe	mm	Φ19.05	Φ22.2	Φ25.4	Φ25.4	Φ28.6	Φ28.6	Φ28.6	Φ31.8
	Connection method			Brazing Connection					Brazing Connection		
Outline dimension (W×D×H)	EXV box		mm	203×326×85					246×500×120		
	Control box		mm	334×284×111					334×284×111		
Packing size(W×D×H)			mm	539×461×247					759×645×180		
Net weight	kg			8.6					11.8		

Model(Combined)				GMV-N560U/A-T+ GMV-N140U/A-T	GMV-N560U/A-T+ GMV-N280U/A-T	GMV-N560U/A-T+ GMV-N560U/A-T	
Capacity			-	840+140	840+280	840+560	840+840
Cooling			kW	98	112	140	168
Heating			kW	110.5	126	157.5	189
Power input			W	5+5	5+5	5+5	
Power Supply				220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Size of connection pipe	AHU	Liquid pipe	mm	Φ19.05	Φ19.05	Φ19.05	Φ19.05
		Gas pipe	mm	Φ38.1	Φ38.1	Φ41.3	Φ41.3
Outline dimension (W×D×H)	EXV box		mm	246×500×120+203×326×85	246×500×120+203×326×85	(246×500×120)×2	
	Control box		mm	(334×284×111)×2	(334×284×111)×2	(334×284×111)×2	
Net weight			kg	11.8+8.6	11.8+8.6	11.8+11.8	

Model				GMV-N36U/B-T		GMV-N71U/B-T			GMV-N140U/B-T		
Defaulted capacity of ex-factory	Capacity			36		71			140		
	Cooling		kW	3.6		7.1			14.0		
	Heating		kW	4.0		8.0			16.0		
Adjustable capacity	Capacity			28	36	45	56	71	90	112	140
	Cooling		kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
	Heating		kW	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input			W	8.0		8.0			8.0		
Power Supply				220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Size of connection pipe	AHU-KIT (ex-factory pipe size)		mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	AHU	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
		Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Connection method			Brazing Connection		Brazing Connection			Brazing Connection		
Outline dimension (W×D×H)	EXV box		mm	203×326×85		203×326×85			203×326×85		
	Control box		mm	334×284×111		334×284×111			334×284×111		
Packing size(W×D×H)			mm	539×461×247		539×461×247			539×461×247		
Net weight			kg	9.5		10.0			10.0		

Model				GMV-N280U/B-T					GMV-N560U/B-T		
Defaulted capacity of ex-factory	Capacity			280					560		
	Cooling		kW	28.0					56.0		
	Heating		kW	31.5					63.0		
Adjustable capacity	Capacity			224	280	335	400	450	504	560	840
	Cooling		kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	84.0
	Heating		kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	94.5
Power input			W	8.0					8.0		
Power Supply				220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Size of connection pipe	AHU-KIT (ex-factory pipe size)		mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ15.9	Φ15.9	Φ15.9
	AHU	Liquid pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ19.05
		Gas pipe	mm	Φ19.05	Φ22.2	Φ25.4	Φ25.4	Φ28.6	Φ28.6	Φ28.6	Φ31.8
	Connection method			Brazing Connection					Brazing Connection		
Outline dimension (W×D×H)	EXV box		mm	203×326×85					246×500×120		
	Control box		mm	334×284×111					334×284×111		
Packing size(W×D×H)			mm	539×461×247					759×645×180		
Net weight	kg			10.0					12.5		

Model(Combined)				GMV-N560U/B-T+ GMV-N140U/B-T	GMV-N560U/B-T+ GMV-N280U/B-T	GMV-N560U/B-T+ GMV-N560U/B-T	
Capacity			-	840+140	840+280	840+560	840+840
Cooling			kW	98	112	140	168
Heating			kW	110.5	126	157.5	189
Power input			W	8+8	8+8	8+8	
Power Supply				220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Size of connection pipe	AHU	Liquid pipe	mm	Φ19.05	Φ19.05	Φ19.05	Φ19.05
		Gas pipe	mm	Φ38.1	Φ38.1	Φ41.3	Φ41.3
Outline dimension (W×D×H)	EXV box		mm	246×500×120+203 ×326×85	246×500×120+203 ×326×85	(246×500×120)×2	
	Control box		mm	(334×284×111)×2	(334×284×111)×2	(334×284×111)×2	
Net weight			kg	12.5+10.0	12.5+10.0	12.5+12.5	

Model				GMV-N36U/C-T		GMV-N71U/C-T			GMV-N140U/C-T		
Defaulted capacity of ex-factory	Capacity			36		71			140		
	Cooling		kW	3.6		7.1			14		
	Heating		kW	4		8			16		
Adjustable capacity	Capacity			28	36	45	56	71	90	112	140
	Cooling		kW	2.8	3.6	4.5	5.6	7.1	9	11.2	14
	Heating		kW	3.2	4	5	6.3	8	10	12.5	16
Power input			W	8		8			8		
Power Supply				220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Size of connection pipe	AHU-KIT (ex-factory pipe size)		mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Air handling unit	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
		Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Connection method			Brazing Connection		Brazing Connection			Brazing Connection		
Outline dimension (W×D×H)	EXV box		mm	203×326×85		203×326×85			203×326×85		
	Control box		mm	334×284×111		334×284×111			334×284×111		
Packing size(W×D×H)			mm	539×461×247		539×461×247			539×461×247		
Net weight			kg	10.0		10.5			10.5		

Model				GMV-N280U/C-T					GMV-N560U/C-T		
Defaulted capacity of ex-factory	Capacity			280					560		
	Cooling		kW	28					56		
	Heating		kW	31.5					63		
Adjustable capacity	Capacity			224	280	335	400	450	504	560	840
	Cooling		kW	22.4	28	33.5	40	45	50.4	56	84
	Heating		kW	25	31.5	37.5	45	50	56.5	63	94.5
Power input			W	8					8		
Power Supply				220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Size of connection pipe	AHU-KIT (ex-factory pipe size)		mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ15.9	Φ15.9	Φ15.9
	Air handling unit	Liquid pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ19.05
		Gas pipe	mm	Φ19.05	Φ22.2	Φ25.4	Φ25.4	Φ28.6	Φ28.6	Φ28.6	Φ31.8
	Connection method			Brazing Connection					Brazing Connection		
Outline dimension (W×D×H)	EXV box		mm	203×326×85					246×500×120		
	Control box		mm	334×284×111					334×284×111		
Packing size(W×D×H)			mm	539×461×247					759×645×180		
Net weight		kg		10.5					13.0		

Model(Combined)			GMV-N560U/C-T +GMV-N140U/C- T	GMV-N560U/C-T +GMV-N280U/C- T	GMV-N560U/C-T +GMV-N560U/C-T	
Capacity			840+140	840+280	840+560	840+840
Cooling	kW		98	112	140	168
Heating	kW		110.5	126	157.5	189
Power input	W		8+8	8+8	8+8	
Power Supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Size of connection pipe	Air handling unit	Liquid pipe	Φ19.05	Φ19.05	Φ19.05	Φ19.05
		Gas pipe	Φ38.1	Φ38.1	Φ41.3	Φ41.3
Outline dimension (W×D×H)	EXV box	mm	246×500×120 +203×326×85	246×500×120 +203×326×85	(246×500×120)×2	
	Control box	mm	(334×284×111)×2	(334×284×111)×2	(334×284×111)×2	
Net weight	kg		13.0+10.5	13.0+10.5	13.0+13.0	

Model(Combined)			GMV-N560U/C-T +GMV-N560U/C-T +GMV-N140U/C-T	GMV-N560U/C-T +GMV-N560U/C-T +GMV-N280U/C-T	GMV-N560U/C-T +GMV-N560U/C-T +GMV-N560U/C-T	
Capacity			840+840+140	840+840+280	840+840+560	840+840+840
Cooling	kW		182	196	224	252
Heating	kW		204.5	220.5	252	283.5
Power input	W		8+8+8	8+8+8	8+8+8	
Power Supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Size of connection pipe	Air handling unit	Liquid pipe	Φ19.05	Φ22.2	Φ22.2	Φ22.2
		Gas pipe	Φ41.3	Φ44.5	Φ44.5	Φ44.5
Outline dimension (W×D×H)	EXV box	mm	(246×500×120)×2 +203×326×85	(246×500×120)×2 +203×326×85	(246×500×120)×3	
	Control box	mm	(334×284×111)×3	(334×284×111)×3	(334×284×111)×3	
Net weight	kg		13.0+13.0+10.5	13.0+13.0+10.5	13.0+13.0+13.0	

Model				GMV-N36U/D-T		GMV-N71U/D-T			GMV-N180U/D-T			
Defaulted capaity of ex-factory	Capacity			36		71			180			
	Cooling		kW	3.6		7.1			18			
	Heating		kW	4		8			20			
Adjustable capaity	Capacity DIP			28	36	45	56	71	90	112	140	180
	Cooling		kW	2.8	3.6	4.5	5.6	7.1	9	11.2	14	18
	Heating		kW	3.2	4.0	5.0	6.3	8	10	12.5	16	20
Power input			W	8		8			8			
Power Supply			V/Ph/Hz	220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz								
Size of connection pipe	AHU-KIT (ex-factory pipe size)		mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Air handling unit	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
		Gas pipe	mm	Φ9.52	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Connection method			Brazing Connection		Brazing Connection			Brazing Connection			
Outline dimension (W×D×H)	EXV box		mm	203×326×85		203×326×85			203×326×85			
	Control box		mm	334×284×111		334×284×111			334×284×111			
Packing size(W×D×H)			mm	539×461×247		539×461×247			539×461×247			
Net weight			kg	10.0		10.5			10.5			

Model			GMV-N450U/D-T					GMV-N840U/D-T		
Defaulted capacity of ex-factory	Capacity		450					840		
	Cooling	kW	45					84		
	Heating	kW	50					94.5		
Adjustable capacity	Capacity DIP		224	280	335	400	450	504	560	840
	Cooling	kW	22.4	28	3.5	40	45	50.4	56	84
	Heating	kW	25	31.5	7.5	45	50	56.5	63	94.5
Power input		W	8					8		

Model				GMV-N450U/D-T					GMV-N840U/D-T		
Power Supply			V/Ph/Hz	220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz							
Size of connection pipe	AHU-KIT (ex-factory pipe size)		mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ15.9	Φ15.9	Φ15.9
	Air handling unit	Liquid pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ19.05
		Gas pipe	mm	Φ19.05	Φ22.2	Φ25.4	Φ25.4	Φ28.6	Φ28.6	Φ28.6	Φ31.8
	Connection method			Brazing Connection					Brazing Connection		
Outline dimension (W×D×H)	EXV box		mm	203×326×85					246×365×100		
	Control box		mm	334×284×111					334×284×111		
Packing size(W×D×H)			mm	539×461×247					759×645×180		
Net weight			kg	10.5					11.2		

Combination model			GMV-N1020U/D-T	GMV-N1290U/D-T	GMV-N1400U/D-T	GMV-N1680U/D-T
Single model			GMV-N840U/D-T +GMV-N180U/D-T	GMV-N840U/D-T +GMV-N450U/D-T	GMV-N840U/D-T +GMV-N840U/D-T	
Capacity DIP			840+140	840+280	840+560	840+840
Cooling	kW		98	112	140	168
Heating	kW		110.5	126	157.5	189
Power input	W		8+8	8+8	8+8	
Power Supply	V/Ph/Hz		220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Size of connection pipe	Air handling unit	Liquid pipe	Φ19.05	Φ19.05	Φ19.05	Φ19.05
		Gas pipe	Φ38.1	Φ38.1	Φ41.3	Φ41.3
Outline dimension (W×D×H)	EXV box	mm	246×365×100 +203×326×85	246×365×100 +203×326×85	(246×365×100)×2	
	Control box	mm	(334×284×111)×2	(334×284×111)×2	(334×284×111)×2	
Net weight	kg		11.2+10.5	11.2+10.5	11.2+11.2	

Combination model			GMV-N1860U/D-T	GMV-N2130U/D-T	GMV-N2240U/D-T	GMV-N2520U/D-T
Single model			GMV-N840U/D-T +GMV-N840U/D-T +GMV-N180U/D-T	GMV-N840U/D-T +GMV-N840U/D-T +GMV-N450U/D-T	GMV-N840U/D-T +GMV-N840U/D-T +GMV-N840U/D-T	
Capacity DIP			840+840+140	840+840+280	840+840+560	840+840+840
Cooling	kW		182	196	224	252
Heating	kW		204.5	220.5	252	283.5
Power input	W		8+8+8	8+8+8	8+8+8	
Power Supply	V/Ph/Hz		220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Size of connection pipe	Air handling unit	Liquid pipe	Φ19.05	Φ22.2	Φ22.2	Φ22.2
		Gas pipe	Φ41.3	Φ44.5	Φ44.5	Φ44.5
Outline dimension (W×D×H)	EXV box	mm	(246×365×100)×2 +203×326×85	(246×365×100)×2 +203×326×85	(246×365×100)×3	
	Control box	mm	(334×284×111)×3	(334×284×111)×3	(334×284×111)×3	
Net weight	kg		11.2+11.2+10.5	11.2+11.2+10.5	11.2+11.2+11.2	

3.17 Concealed Floor Standing Type

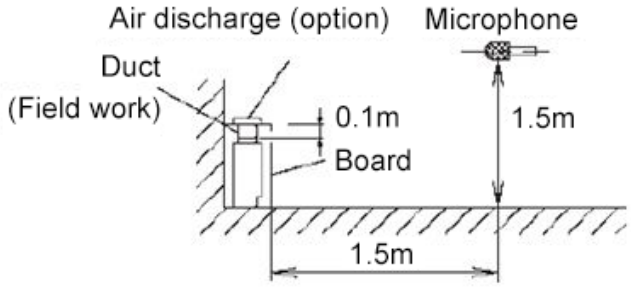
Model			GMV-ND22ZA/A-T	GMV-ND28ZA/A-T	GMV-ND36ZA/A-T	GMV-ND45ZA/A-T	GMV-ND56ZA/A-T	GMV-ND63ZA/A-T	GMV-ND71ZA/A-T
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	6.3	7.1
Heating capacity		kW	2.5	3.2	4.0	5.0	6.3	7.1	8.0
Air Volume		m³/h	450	450	550	650	900	900	1100
External Static Pressure		Pa	10/0~40	10/0~40	10/0~40	15/0~60	15/0~60	15/0~60	15/0~60
Cooling power input		W	35	35	43	45	80	80	90
Cooling current input		A	0.18	0.18	0.22	0.23	0.41	0.41	0.46
Heating power input		W	35	35	43	45	80	80	90
Heating current input		A	0.18	0.18	0.22	0.23	0.41	0.41	0.46
Minimum line current		A	0.2	0.2	0.3	0.3	0.5	0.5	0.5
Maximum fuse current		A	6	6	6	6	6	6	6
Sound pressure level		dB(A)	30	30	33	33	35	35	37
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz						
Pipe diameter	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline Dimensions	W×D×H	mm	700×615 ×200	700×615 ×200	700×615 ×200	900×615 ×200	1100×615 ×200	1100×615 ×200	1100×615 ×200
Net weight		kg	23	23	23	27	32	32	32

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5m, without height drop between units.

③ In the column of "Unit external static pressure": The figure before "/" indicates the default external static pressure of unit before delivery, and the figures after indicate the adjustable static pressure range of unit.



Transandient meter of sound level meter

3.18 360°Air Discharge Cassette

Model		GMV-ND22T/C-T	GMV-ND28T/C-T	GMV-ND36T/C-T	GMV-ND45T/C-T
Cooling capacity	kW	2.2	2.8	3.6	4.5
Heating capacity	kW	2.5	3.2	4	5
Air volume(H/M/L)	m³/h	800/700/600	800/700/600	800/700/600	800/700/600
Cooling power input	W	26	26	26	26

Model			GMV-ND22T/C-T	GMV-ND28T/C-T	GMV-ND36T/C-T	GMV-ND45T/C-T
Cooling current input		A	0.2	0.2	0.2	0.2
Heating power input		W	22	22	22	22
Heating current input		A	0.2	0.2	0.2	0.2
Minimum line current		A	0.50	0.50	0.50	0.50
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	33/30/28	33/30/28	33/30/28	34/30/28
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×240	840×840×240	840×840×240	840×840×240
Panel dimensions	W×D×H	mm	950×950×65	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	27	27	27	27
	Panel	kg	6	6	6	6
Panel model		/	TF06	TF06	TF06	TF06
Loading Quantity	40’ GP	set	120	120	120	120
	40’ HQ	set	140	140	140	140

Model			GMV-ND50T/C-T	GMV-ND56T/C-T	GMV-ND63T/C-T	GMV-ND71T/C-T
Cooling capacity		kW	5	5.6	6.3	7.1
Heating capacity		kW	5.6	6.3	7.1	8
Air volume(H/M/L)		m^3/h	900/800/700	950/850/750	1150/950/850	1150/950/850
Cooling power input		W	28	35	60	60
Cooling current input		A	0.2	0.2	0.4	0.4
Heating power input		W	25	35	56	56
Heating current input		A	0.2	0.2	0.4	0.4
Minimum line current		A	0.50	0.50	0.55	0.55
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	35/32/29	37/33/30	37/34/31	37/34/31
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×240	840×840×240	840×840×240	840×840×240
Panel dimensions	W×D×H	mm	950×950×65	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	28	28	28	28
	Panel	kg	6	6	6	6
Panel model		/	TF06	TF06	TF06	TF06
Loading Quantity	40’ GP	set	120	120	120	120
	40’ HQ	set	140	140	140	140

Model			GMV-ND80T/C-T	GMV-ND90T/C-T	GMV-ND100T/C-T	GMV-ND112T/C-T
Cooling capacity		kW	8	9	10	11.2
Heating capacity		kW	9	10	11.2	12.5
Air volume(H/M/L)		m³/h	1250/1000/900	1250/1000/900	1250/1000/900	1650/1300/1100
Cooling power input		W	80	80	80	115
Cooling current input		A	0.4	0.4	0.4	0.6
Heating power input		W	76	76	76	111
Heating current input		A	0.4	0.4	0.4	0.6
Minimum line current		A	0.55	0.55	0.55	0.98
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	39/37/34	39/37/34	39/37/34	43/41/39
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×240	840×840×240	840×840×240	840×840×290
Panel dimensions	W×D×H	mm	950×950×65	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	29	29	29	33
	Panel	kg	6	6	6	6
Panel model		/	TF06	TF06	TF06	TF06
Loading Quantity	40’ GP	set	120	120	120	120
	40’ HQ	set	140	140	140	140

Model			GMV-ND125T/C-T	GMV-ND140T/C-T	GMV-ND160T/C-T
Cooling capacity		kW	12.5	14	16
Heating capacity		kW	14	16	18
Air volume(H/M/L)		m³/h	1650/1300/1100	1650/1300/1100	2000/1800/1430
Cooling power input		W	115	115	170
Cooling current input		A	0.6	0.6	1.2
Heating power input		W	111	111	170
Heating current input		A	0.6	0.6	1.2
Minimum line current		A	0.98	0.98	1.2
Maximum fuse current		A	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	43/41/39	43/41/39	51/48/42
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ19.05
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×290	840×840×290	840×840×290
Panel dimensions	W×D×H	mm	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	33	33	36
	Panel	kg	6	6	6
Panel model		/	TF06	TF06	TF06
Loading Quantity	40’ GP	set	120	120	120
	40’ HQ	set	140	140	140

Model			GMV-ND22T/C1-T	GMV-ND28T/C1-T	GMV-ND36T/C1-T	GMV-ND45T/C1-T
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4	5
Air volume(H/M/L)		m^3/h	780/690/480	800/700/500	800/700/500	800/700/500
Cooling power input		W	24	24	24	24
Cooling current input		A	0.21	0.21	0.21	0.21
Heating power input		W	24	24	24	24
Heating current input		A	0.21	0.21	0.21	0.21
Minimum line current		A	0.21	0.21	0.21	0.21
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	34/32/29	35/32/31	35/32/31	35/32/31
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×200	840×840×200	840×840×200	840×840×200
Panel dimensions	W×D×H	mm	943×923×245	943×923×245	943×923×245	943×923×245
Net weight	Main body	kg	21	21	21	21
	Panel	kg	6	6	6	6
Panel model		/	TF06	TF06	TF06	TF06
Loading Quantity	40’ GP	set	156	156	156	156
	40’ HQ	set	176	176	176	176

Model			GMV-ND50T/C1-T
Cooling capacity		kW	5
Heating capacity		kW	5.6
Air volume(H/M/L)		m^3/h	1000/800/700
Cooling power input		W	45
Cooling current input		A	0.37
Heating power input		W	45
Heating current input		A	0.37
Minimum line current		A	0.37
Maximum fuse current		A	6
Sound Pressure Level (H/M/L)		dB(A)	41/36/32
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz
Piping interface	Liquid pipe	mm	Φ6.35
	Gas pipe	mm	Φ12.7
Drain pipe	External diameter×Thickness	mm	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×200
Panel dimensions	W×D×H	mm	943×923×245
Net weight	Main body	kg	21
	Panel	kg	6
Panel model		/	TF06
Loading Quantity	40’ GP	set	156
	40’ HQ	set	176

Model			GMV-ND22T/D1-T	GMV-ND28T/D1-T	GMV-ND36T/D1-T	GMV-ND45T/D1-T
Cooling capacity		kW	2.2	2.8	3.6	4.5
Heating capacity		kW	2.5	3.2	4.0	5.0
Air volume(H/M/L)		m^3/h	800/700/600	800/700/600	800/700/600	900/800/700
Cooling power input		W	40	40	40	50
Cooling current input		A	0.35	0.35	0.35	0.44
Heating power input		W	40	40	40	50
Heating current input		A	0.35	0.35	0.35	0.44
Minimum line current		A	0.35	0.35	0.35	0.44
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	32/29/27	32/29/27	32/29/27	35/30/27
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×200	840×840×200	840×840×200	840×840×200
Panel dimensions	W×D×H	mm	950×950×65	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	23	23	23	23
	Panel	kg	6	6	6	6
Panel model		/	TF06	TF06	TF06	TF06
Loading Quantity	40’ GP	set	152	152	152	152
	40’ HQ	set	169	169	169	169

Model			GMV-ND50T/D1-T	GMV-ND56T/D1-T	GMV-ND63T/D1-T	GMV-ND71T/D1-T
Cooling capacity		kW	5	5.6	6.3	7.1
Heating capacity		kW	5.6	6.3	7.1	8
Air volume(H/M/L)		m^3/h	900/800/700	1100/935/850	1100/935/850	1100/935/850
Cooling power input		W	50	60	60	60
Cooling current input		A	0.44	0.49	0.49	0.49
Heating power input		W	50	60	60	60
Heating current input		A	0.44	0.49	0.49	0.49
Minimum line current		A	0.44	0.49	0.49	0.49
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	35/30/27	37/35/32	37/35/32	37/35/32
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×200	840×840×200	840×840×200	840×840×200
Panel dimensions	W×D×H	mm	950×950×65	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	23	25	25	25
	Panel	kg	6	6	6	6

Model			GMV-ND50T/D1-T	GMV-ND56T/D1-T	GMV-ND63T/D1-T	GMV-ND71T/D1-T
Panel model		/	TF06	TF06	TF06	TF06
Loading Quantity	40’ GP	set	152	152	152	152
	40’ HQ	set	169	169	169	169

Model			GMV-ND80T/D1-T	GMV-ND90T/D1-T	GMV-ND100T/D1-T	GMV-ND112T/D1-T
Cooling capacity		kW	8	9	10	11.2
Heating capacity		kW	9	10	11.2	12.5
Air volume(H/M/L)		m³/h	1400/1000/900	1400/1000/900	1450/1200/1000	1450/1200/1000
Cooling power input		W	75	75	100	100
Cooling current input		A	0.60	0.60	0.76	0.76
Heating power input		W	75	75	100	100
Heating current input		A	0.60	0.60	0.76	0.76
Minimum line current		A	0.60	0.60	0.76	0.76
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	40/36/31	40/36/31	42/39/35	42/39/35
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×240	840×840×240	840×840×240	840×840×240
Panel dimensions	W×D×H	mm	950×950×65	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	27	27	27	27
	Panel	kg	6	6	6	6
Panel model		/	TF06	TF06	TF06	TF06
Loading Quantity	40’ GP	set	139	139	139	139
	40’ HQ	set	157	157	157	157

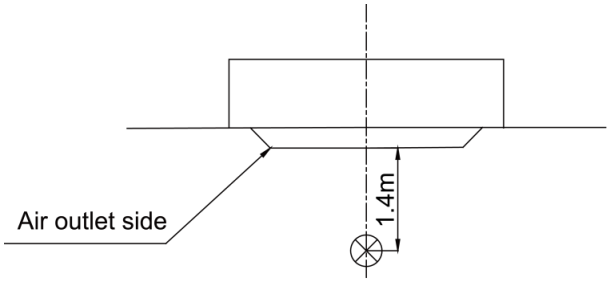
Model			GMV-ND125T/D1-T	GMV-ND140T/D1-T	GMV-ND160T/D1-T
Cooling capacity		kW	12.5	14	16
Heating capacity		kW	14	16	18
Air volume(H/M/L)		m³/h	1800/1450/1150	1800/1450/1150	2000/1800/1430
Cooling power input		W	160	160	170
Cooling current input		A	0.85	0.85	1.2
Heating power input		W	160	160	170
Heating current input		A	0.85	0.85	1.2
Minimum line current		A	0.85	0.85	1.2
Maximum fuse current		A	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	46/41/35	46/41/35	51/48/42
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz		
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ19.05
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×290	840×840×290	840×840×290

Model			GMV-ND125T/D1-T	GMV-ND140T/D1-T	GMV-ND160T/D1-T
Panel dimensions	W×D×H	mm	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	29.5	29.5	36
	Panel	kg	6	6	6
Panel model		/	TF06	TF06	TF06
Loading Quantity	40’ GP	set	117	117	117
	40’ HQ	set	135	135	135

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

3.19 Heat Storage Module

Model			XRZ180L/A-T
Power input		W	5
Current input		A	0.05
Maximum fuse current		A	6
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz
Piping interface	Liquid pipe	mm	Φ6.35
	Gas pipe	mm	Φ12.7
Outline Dimensions (W×D×H)		mm	730×450×220
Net weight		kg	31.5

3.20 High Static Pressure Duct Type Indoor Unit

Model		GMV-ND22PHS/D-T	GMV-ND25PHS/D-T	GMV-ND28PHS/D-T	GMV-ND32PHS/D-T	GMV-ND36PHS/D-T	GMV-ND40PHS/D-T
Cooling capacity	kW	2.2	2.5	2.8	3.2	3.6	4.0
Heating capacity	kW	2.5	2.8	3.2	3.6	4.0	4.5
Air volume	m³/h	550	550	550	600	600	850
External Static	Pa	50/0~80	50/0~80	50/0~80	50/0~80	50/0~80	50/0~80
Cooling power input	W	50	50	50	50	50	100
Cooling current input	A	0.4	0.4	0.4	0.4	0.4	0.8
Heating power input	W	50	50	50	50	50	100
Heating current input	A	0.4	0.4	0.4	0.4	0.4	0.8
Sound pressure level	dB(A)	35	35	35	36	36	40
Power supply		220-240V ~50Hz & 208-230V ~60Hz					

Model			GMV-ND22PHS/D-T	GMV-ND25PHS/D-T	GMV-ND28PHS/D-T	GMV-ND32PHS/D-T	GMV-ND36PHS/D-T	GMV-ND40PHS/D-T
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7
Drain pipe	External diameter × Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline dimensions	W×D×H	mm	700×700×300	700×700×300	700×700×300	700×700×300	700×700×300	700×700×300
Net weight		kg	30.5	30.5	30.5	30.5	30.5	31.5

Model			GMV-ND45PHS/D-T	GMV-ND50PHS/D-T	GMV-ND56PHS/D-T	GMV-ND63PHS/D-T	GMV-ND71PHS/D-T	GMV-ND80PHS/D-T
Cooling capacity		kW	4.5	5.0	5.6	6.3	7.1	8.0
Heating capacity		kW	5.0	5.6	6.3	7.1	8.0	9.0
Air volume		m³/h	850	850	1000	1000	1250	1250
External Static		Pa	50/0~80	50/0~80	90/0~200	90/0~200	90/0~200	90/0~200
Cooling power input		W	100	100	105	105	110	110
Cooling current input		A	0.8	0.8	0.8	0.8	0.9	0.9
Heating power input		W	100	100	105	105	110	110
Heating current input		A	0.8	0.8	0.8	0.8	0.9	0.9
Sound pressure level		dB(A)	40	40	40	40	40	40
Power supply			220-240V ~50Hz & 208-230V ~60Hz					
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline dimensions	W×D×H	mm	700×700×300	700×700×300	1000×700×300	1000×700×300	1000×700×300	1000×700×300
Net weight		kg	31.5	31.5	40.5	40.5	41	41

Model			GMV-ND90PHS/D-T	GMV-ND100PHS/D-T	GMV-ND112PHS/D-T	GMV-ND125PHS/D-T	GMV-ND140PHS/D-T	GMV-ND160PHS/D-T
Cooling capacity		kW	9.0	10.0	11.2	12.5	14.0	16.0
Heating capacity		kW	10.0	11.2	12.5	14.0	16.0	18.0
Air volume		m³/h	1800	1800	2000	2000	2350	2500
External Static		Pa	90/0~200	90/0~200	90/0~200	90/0~200	90/0~200	90/0~200
Cooling power input		W	170	170	170	170	240	240
Cooling current input		A	1.4	1.4	1.4	1.4	1.8	1.8
Heating power input		W	170	170	170	170	240	240
Heating current input		A	1.4	1.4	1.4	1.4	1.8	1.8
Sound pressure level		dB(A)	42	42	43	44	44	45
Power supply			220-240V ~50Hz & 208-230V ~60Hz					
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ19.05
Drain pipe	External diameter × Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline dimensions	W×D×H	mm	1400×700×300	1400×700×300	1400×700×300	1400×700×300	1400×700×300	1400×700×300
Net weight		kg	54	54	54	54	54.5	54.5

Model			GMV-ND180PHS/D-T
Cooling capacity		kW	18.0
Heating capacity		kW	20.0
Air Volume		m³/h	3000
External Static Pressure		Pa	90/0~170
Cooling power input		W	350
Cooling current input		A	2.0
Heating power input		W	350
Heating current input		A	2.0
Minimum line current		A	3.39
Maximum fuse current		A	6
Sound pressure level		dB(A)	49
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz
Pipe diameter	Liquid pipe	mm	Φ9.52
	Gas pipe	mm	Φ19.05
Drain pipe	External diameter ×thickness	mm	Φ25×2.5
Outline Dimensions	W×D×H	mm	1400×700×300
Net weight		kg	58

3.21 Middle Static Pressure Duct Type Indoor Unit

Model			GMV-ND56PMS/A1-T	GMV-ND63PMS/A1-T	GMV-ND71PMS/A1-T	GMV-ND80PMS/A1-T	GMV-ND90PMS/A1-T
Cooling capacity		kW	5.6	6.3	7.1	8	9
Heating capacity		kW	6.3	7.1	8	9	10
Air volume		m³/h	1100/900/700	1100/900/700	1100/900/700	1100/900/700	1700/1500/1100
External Static		Pa	50/0~80	50/0~80	50/0~80	50/0~80	50/0~80
Cooling power input		W	95	95	95	100	120
Cooling current input		A	0.72	0.72	0.72	0.75	0.85
Heating power input		W	95	95	95	100	120
Heating current input		A	0.72	0.72	0.72	0.75	0.85
Sound pressure level		dB(A)	37/34/31	37/34/31	37/34/31	37/34/31	40/36/32
Power supply			220-240V ~50Hz & 208-230V ~60Hz				
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline dimensions	W×D×H	mm	900×655×260	900×655×260	900×655×260	900×655×260	1340×655×260
Net weight		kg	29.5/34.0	29.5/34.0	29.5/34.0	30.0/34.5	43.5/50.0

Model		GMV-ND100PMS/A1-T	GMV-ND112PMS/A1-T	GMV-ND125PMS/A1-T	GMV-ND140PMS/A1-T
Cooling capacity	kW	10	11.2	12.5	14
Heating capacity	kW	11.2	12.5	14	16
Air volume	m³/h	1700/1500/1100	1700/1500/1100	2000/1700/1400	2000/1700/1400
External Static	Pa	50/0~80	50/0~80	50/0~80	50/0~80
Cooling power input	W	120	120	170	170
Cooling current input	A	0.85	0.85	1.2	1.2

Model			GMV-ND100PMS/A1-T	GMV-ND112PMS/A1-T	GMV-ND125PMS/A1-T	GMV-ND140PMS/A1-T
Heating power input		W	120	120	170	170
Heating current input		A	0.85	0.85	1.2	1.2
Sound pressure level		dB(A)	40/36/32	40/36/32	42/40/37	42/40/37
Power supply			220-240V ~50Hz & 208-230V ~60Hz			
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External diameter × Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Outline dimensions	W×D×H	mm	1340×655×260	1340×655×260	1340×655×260	1340×655×260
Net weight		kg	43.5/50.0	43.5/50.0	43.5/50.0	43.5/50.0

3.22 VRF Rooftop Packaged Unit

Model			GMV-N790GK/HA-M	GMV-N790GK/HA-H
Cooling capacity		kW	79.0	79.0
Heating capacity		kW	88.0	88.0
Air volume		m³/h	17000	17000
External Static		Pa	100/370	100/420
Cooling power input		W	75000	75000
Cooling current input		A	12.8	12.8
Heating power input		W	75000	75000
Heating current input		A	12.8	12.8
Sound pressure level		dB(A)	56	56
Power supply			380-415V 3N~ 50Hz	380-415V 3N~ 60Hz
Piping interface	Liquid pipe	mm	Φ19.05	Φ19.05
	Gas pipe	mm	Φ31.8	Φ31.8
Drain pipe	External diameter × Thickness	Inch	3/4"(NPT)	3/4"(NPT)
Outline dimensions	W×D×H	mm	2240×1950×1250	2240×1950×1250
Net weight		kg	530	530

3.23 3D Airflow Cassette

Model		GMV-ND22T/D2-T	GMV-ND28T/D2-T	GMV-ND36T/D2-T	GMV-ND45T/D2-T
Cooling capacity	kW	2.2	2.8	3.6	4.5
Heating capacity	kW	2.5	3.2	4.0	5.0
Air volume(H/M/L)	m³/h	800/700/600	800/700/600	800/700/600	900/800/700
Cooling power input	W	40	40	40	50
Cooling current input	A	0.35	0.35	0.35	0.44
Heating power input	W	40	40	40	50
Heating current input	A	0.35	0.35	0.35	0.44
Minimum line current	A	0.35	0.35	0.35	0.44
Maximum fuse current	A	6	6	6	6
Sound Pressure Level (H/M/L)	dB(A)	32/29/27	32/29/27	32/29/27	35/30/27
Power supply		220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			

Model			GMV-ND22T/D2-T	GMV-ND28T/D2-T	GMV-ND36T/D2-T	GMV-ND45T/D2-T
Piping interface	Liquid pipe	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas pipe	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7
Drain pipe	External Diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×200	840×840×200	840×840×200	840×840×200
Panel dimensions	W×D×H	mm	950×950×97	950×950×65	950×950×65	950×950×65
Net weight	Main body	kg	19	19	19	19
	Panel	kg	11.5	11.5	11.5	11.5
Panel model		/	TF09	TF09	TF09	TF09
Loading Quantity	40’ GP	set	138	138	138	138
	40’ HQ	set	154	154	154	154

Model			GMV-ND50T/D2-T	GMV-ND56T/D2-T	GMV-ND63T/D2-T	GMV-ND71T/D2-T
Cooling capacity		kW	5.0	5.6	6.3	7.1
Heating capacity		kW	5.6	6.3	7.1	8.0
Air volume(H/M/L)		m³/h	900/800/700	1100/935/850	1100/935/850	1100/935/850
Cooling power input		W	50	60	60	60
Cooling current input		A	0.44	0.49	0.49	0.49
Heating power input		W	50	60	60	60
Heating current input		A	0.44	0.49	0.49	0.49
Minimum line current		A	0.44	0.49	0.49	0.49
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	35/30/27	37/35/32	37/35/32	37/35/32
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External Diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×200	840×840×200	840×840×200	840×840×200
Panel dimensions	W×D×H	mm	950×950×97	950×950×97	950×950×97	950×950×97
Net weight	Main body	kg	19	21	21	21
	Panel	kg	11.5	11.5	11.5	11.5
Panel model		/	TF09	TF09	TF09	TF09
Loading Quantity	40’ GP	set	138	138	138	138
	40’ HQ	set	154	154	154	154

Model		GMV-ND80T/D2-T	GMV-ND90T/D2-T	GMV-ND100T/D2-T	GMV-ND112T/D2-T
Cooling capacity	kW	8.0	9.0	10.0	11.2
Heating capacity	kW	9.0	10.0	11.2	12.5
Air volume(H/M/L)	m³/h	1400/1000/900	1400/1000/900	1550/1200/1000	1550/1200/1000
Cooling power input	W	75	75	100	100
Cooling current input	A	0.60	0.60	0.76	0.76
Heating power input	W	75	75	100	100

Model			GMV-ND80T/D2-T	GMV-ND90T/D2-T	GMV-ND100T/D2-T	GMV-ND112T/D2-T
Heating current input		A	0.60	0.60	0.76	0.76
Minimum line current		A	0.60	0.60	0.76	0.76
Maximum fuse current		A	6	6	6	6
Sound Pressure Level (H/M/L)		dB(A)	40/36/31	40/36/31	43/39/35	43/39/35
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz			
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9
Drain pipe	External Diameter×Thickness	mm	Φ25×2.5	Φ25×2.5	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×240	840×840×240	840×840×240	840×840×240
Panel dimensions	W×D×H	mm	950×950×97	950×950×97	950×950×97	950×950×97
Net weight	Main body	kg	22.5	22.5	22.5	22.5
	Panel	kg	11.5	11.5	11.5	11.5
Panel model		/	TF09	TF09	TF09	TF09
Loading Quantity	40’ GP	set	128	128	128	128
	40’ HQ	set	144	144	144	144

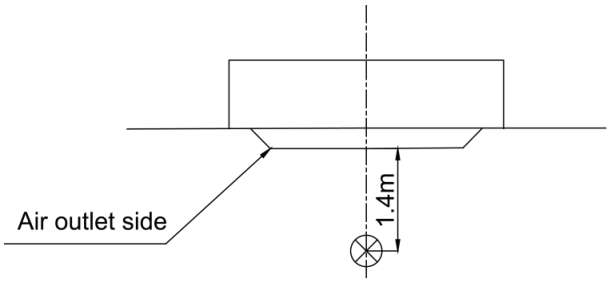
Model			GMV-ND125T/D2-T	GMV-ND140T/D2-T
Cooling capacity		kW	12.5	14
Heating capacity		kW	14	16
Air volume(H/M/L)		m³/h	1800/1450/1150	1800/1450/1150
Cooling power input		W	160	160
Cooling current input		A	0.85	0.85
Heating power input		W	160	160
Heating current input		A	0.85	0.85
Minimum line current		A	0.85	0.85
Maximum fuse current		A	6	6
Sound Pressure Level (H/M/L)		dB(A)	46/41/35	46/41/35
Power supply			220-240V 1 phase ~50Hz/208-230V 1 phase ~60Hz	
Piping interface	Liquid pipe	mm	Φ9.52	Φ9.52
	Gas pipe	mm	Φ15.9	Φ15.9
Drain pipe	External diameter×Thickness	mm	Φ25×2.5	Φ25×2.5
Main body dimensions	W×D×H	mm	840×840×290	840×840×290
Panel dimensions	W×D×H	mm	950×950×97	950×950×97
Net weight	Main body	kg	25	25
	Panel	kg	11.5	11.5
Panel model		/	TF09	TF09
Loading Quantity	40’ GP	set	114	114
	40’ HQ	set	127	127

Notes:

① Rated cooling capacity test conditions: indoor 27°C DB/19°C WB, outdoor 35°C DB; connection pipe length: 5 m, without height drop between units.

② Rated heating capacity test conditions: indoor 20°C DB, outdoor 7°C DB/6°C WB; connection

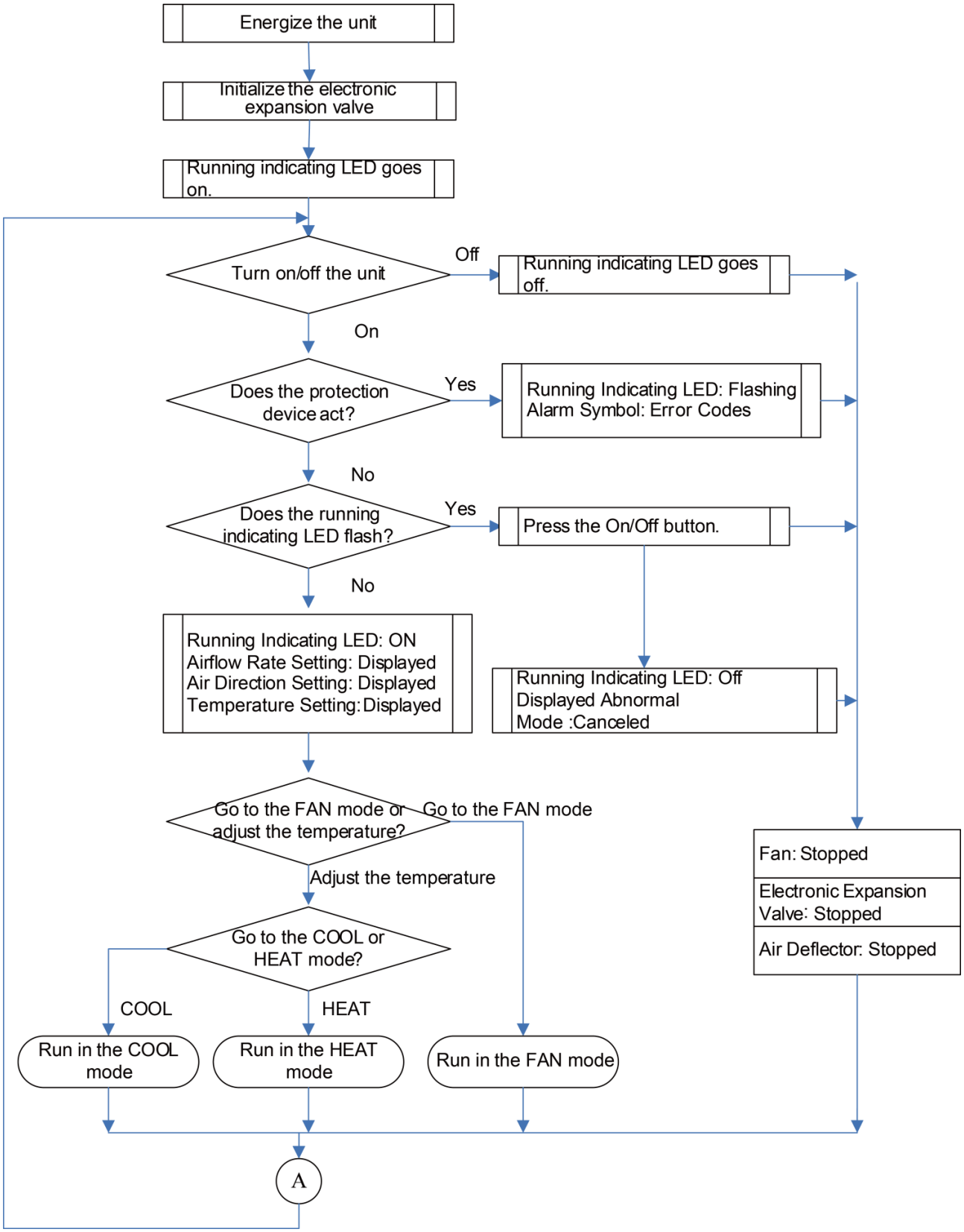
pipe length: 5 m, without height drop between units.



Transandient meter of sound level meter

CONTROL

1 Operation Flowchart



2 Wired Controller XK46

2.1 Control Panel

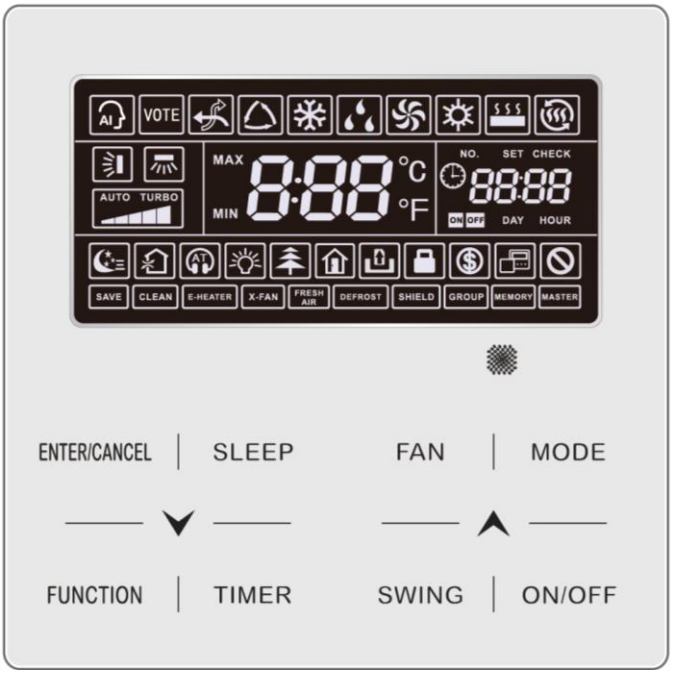


Fig.2.1 Appearance of wired controller

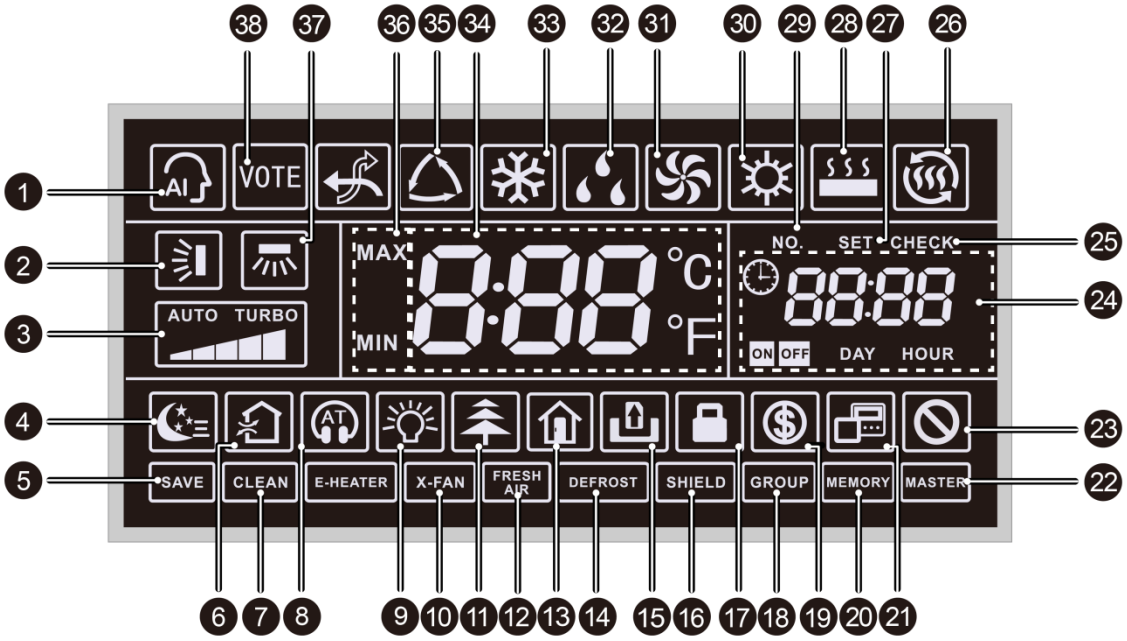


Fig.2.2 LED graphics of wired controller

Table 2.1 LED display instruction

No.	Symbols	Instructions
1		As for the outdoor unit with AI function, once AI function is turned on, AI icon is displayed.
2		Up and down swing function.
3		Current set fan speed (including auto, low speed, medium-low speed, medium speed, medium-high speed, high speedand turbo seven status).
4		Sleep status.

No.	Symbols	Instructions
5	SAVE	Outdoor unit operates under Save mode/upper limit of system capacitor less 100%/remote Save status.
6	*	Air status, Indoor unit optional function.
7	CLEAN	Remind to clean the filter.
8	AT	Quiet status (including Quiet and Auto Quiet two status).
9		Light On/Off function.
10	X-FAN	X-fan function.
11	*	Health function, Indoor unit optional function.
12	FRESH AIR *	Fresh air control function of AHU-KIT.
13		Absence function.
14	DEFROST	Outdoor unit defrosting status.
15		Gate-control function.
16	SHIELD	Shielding status.
17		Child Lock status.
18	GROUP	One wired controller controls multiple indoor units.
19		Save status of indoor unit.
20	MEMORY	Memory status (The indoor unit resumes the original setting state after power failure and then power recovery).
21		It indicates the current wired controller is the slave wired controller (address of wired controller is 02).
22	MASTER	Current wired controller connects master indoor unit.
23		Invalid operation.
24	88:88 ON OFF DAY HOUR	Timer zone:Display system clock and timer status.
25	CHECK	Display "CHECK" icon under parameter view interface.
26	*	Space Heating mode.
27	SET	Display "SET" icon under parameter setting interface.
28	*	Floor Heating mode (When Heating and Floor Heating simultaneously shows up, it indicates 3D Heating is activated).
29	NO.	When inquiring or setting project number of indoor unit, it displays "NO." icon.
30		Heating mode.
31		Fan mode.
32		Dry mode.
33		Cooling mode.
34	8:88 °C °F	It shows the setting temperature value(In case the wired controller is controlling a Fresh Air Indoor Unit, then the temperature zone will display FAP).

No.	Symbols	Instructions
35		Auto mode (Under Auto mode, the indoor units will automatically select their operating mode as per the temperature change so as to make the ambient comfortable).
36	MAX MIN	It's valid under Save mode and displays during setting process. Temperature lower limit for Cooling: Limit the minimum temperature value under Cooling or Dry mode. Temperature upper limit for Heating: Limit the maximum temperature value under Heating, Space Heating or 3D Heating mode.
37	*	Left and right swing function.
38	VOTE	Indicates that the current system mode priority is voting mode.
NOTE: When wired controller is connected with different indoor units, some functions will be different.		

Button Graphics

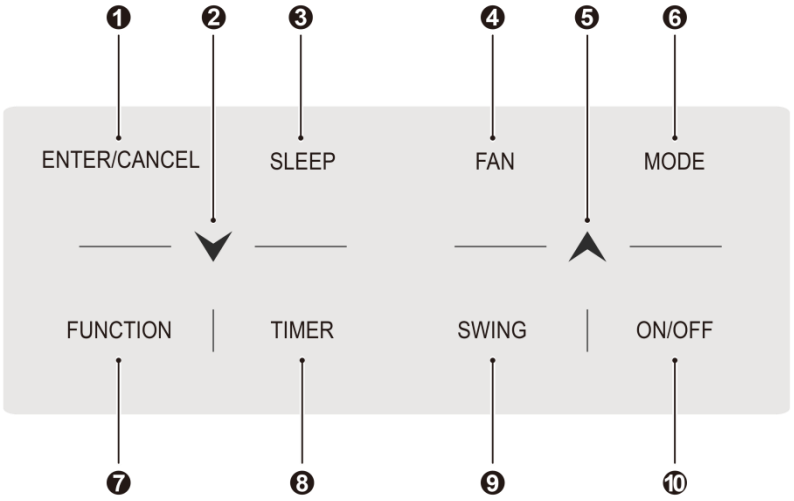


Fig.2.3 Button graphics

Table 2.2 Function instruction of buttons

No.	Buttons	Instructions
1	ENTER/CANCEL	Select and cancel function.
2	∨	Set operating temperature of indoor unit. Set Timer. Switch Quiet mode, Air grade, Clean grade, set upper and lower temperature limit under Save mode. Set and inquiry parameter.
5	∧	
3	SLEEP	Set Sleep mode.
4	FAN	Switch among auto, low speed, low-medium speed, medium speed, medium-high speed, high speed and turbo status.
6	MODE	Switch Auto, Cooling, Dry, Fan, Heating, Floor Heating, 3D Heating and Space Heating modes for indoor unit. (Note: The Floor Heating, 3D Heating and Space Heating function icon will show up when the unit has those functions) .
7	FUNCTION	Switch among Air, Quiet, Light, Health, Absence, Clean, and X-fan functions.
8	TIMER	Timer setting.
9	SWING	Set up and down swing status.
10	ON/OFF	Indoor unit On/Off.
2+5	∧+∨	Simultaneously press "∧" and "∨" for 5s to enter or cancel the Child Lock function.

2.2 Installation and Removal

2.2.1 Installation dimensions

Uint：mm

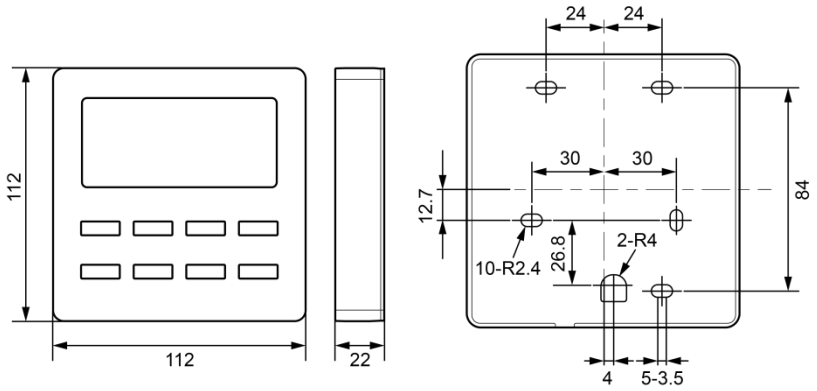


Fig.2.4 Installation dimensions

2.2.2 Installation method

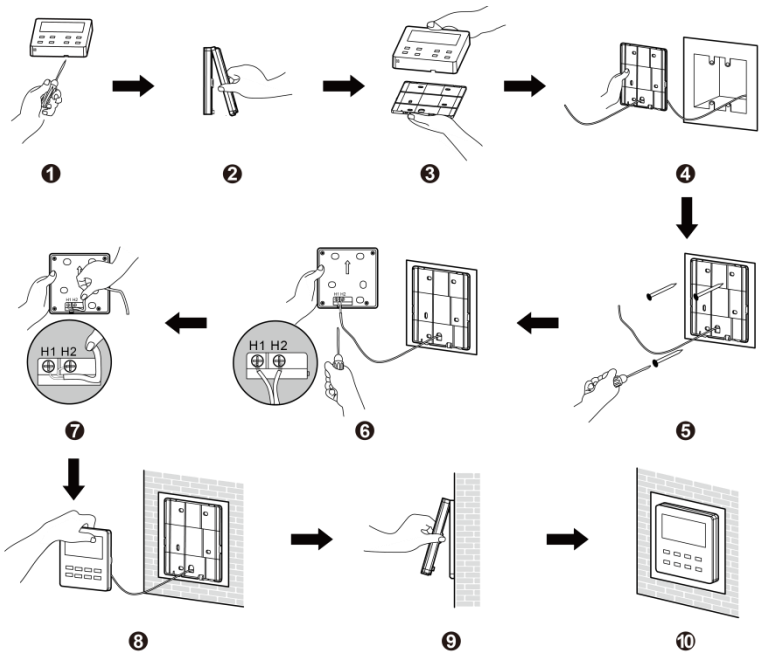


Fig.2.5 Installation of Wired Controller

Above is a simple installation method of wired controller. Please pay attention to the following:

(1) Before installation, please cut off the power for indoor unit.

(2) Pull out the two-core twisted pair from the installation hole on wall, and then pull this wire through the "⊓" shape hole at the rear side of Soleplate of wired controller.

(3) Stick the bottom plate of wired controller on the wall and then use Self-tapping Screw ST3.9×25 MA or Screw M4×25 to fix Soleplate and installation hole on wall together.

(4) Connect two-core twisted pair to H1 and H2 wiring column and then fix the screws.

(5) Tidy up the lines in slot on the back of the panel, and then bundle the front panel of wired controller to its soleplate and the installation is completed.

NOTE: If the wire size of the selected communication line is too large, you can peel some sheath layer of communication wire to satisfy installation requirements.

2.2.3 Removal method

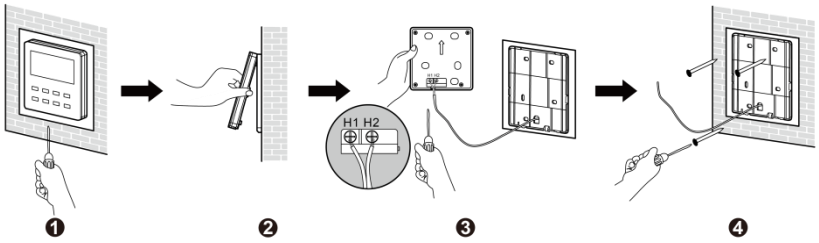


Fig.2.6 Removal of Wired Controller

2.2.4 Connection of communication cord

There are 4 ways to connect wired controller with indoor units' network:

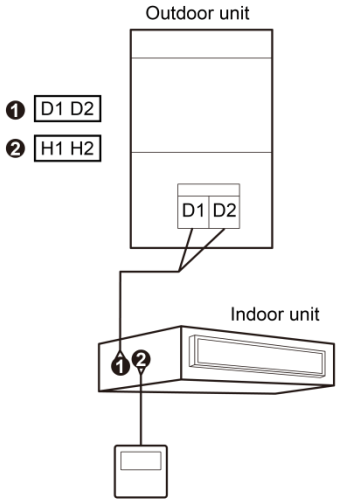


Fig.2.7 One wired controller controls one indoor unit

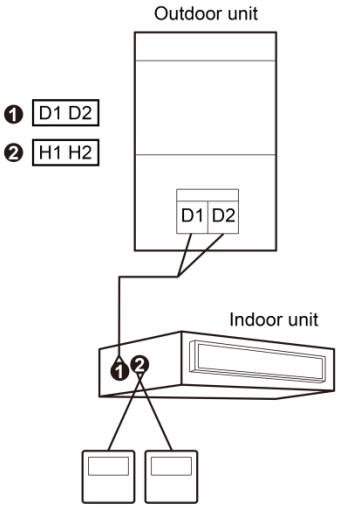


Fig.2.8 Two wired controllers control one indoor unit

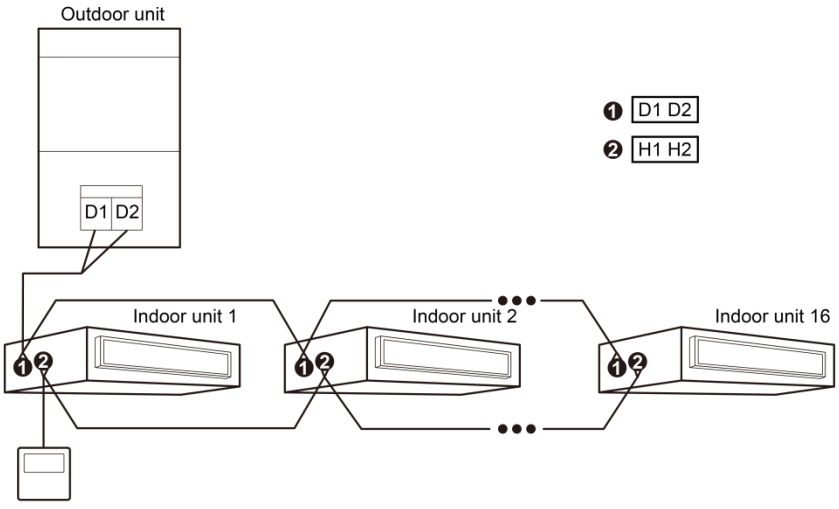


Fig.2.9 One wired controller controls multiple indoor units simultaneously

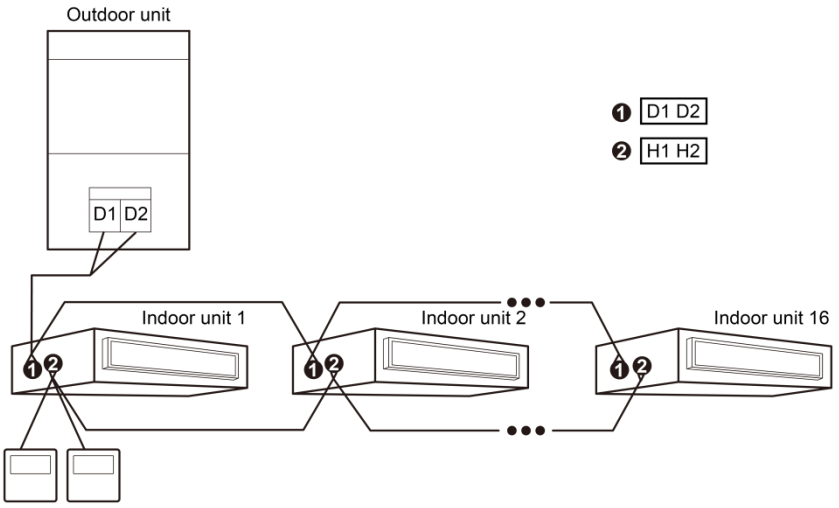


Fig.2.10 Two wired controllers control multiple indoor units simultaneously

Note:

Floor standing indoor unit only applicable to Fig.2.7.

3 Wired Controller XE7A-23H、XE7A-23/HC、XE7A-24/H、XE7A-24/HC

3.1 Control Panel

Fig. 3.1 Appearance of wired controller

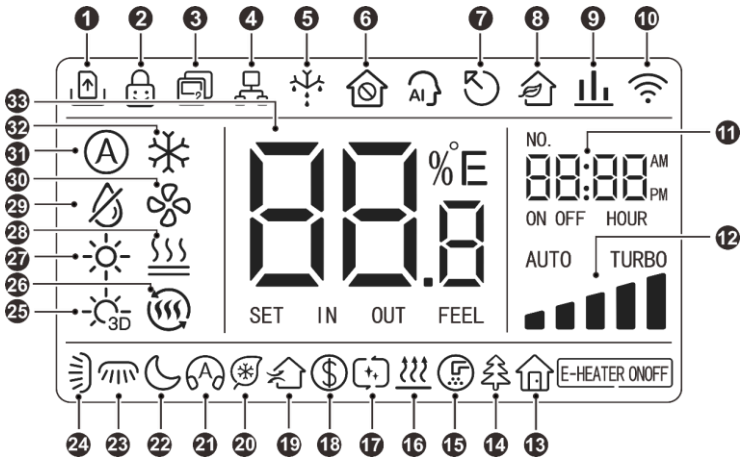


Fig. 3.2 LCD graphics of wired controller

Table 3.1 LCD display instruction

No.	Symbols	Instructions
1		Gate-control function.
2		Child Lock status.
3		Slave wired controller (address of wired controller is 02).
4		One wired controller controls multiple indoor units.
5		Outdoor unit defrosting status.
6		Shielding status.
7		Current wired controller connects master indoor unit.
8	*	Fresh air control function of AHU-KIT.
9	*	Indicates that the current system mode priority is voting mode.
10	*	WiFi status (If the wired controller has no WiFi function, it displays only when the unit connected to “G-Cloud”).
11		Timer zone: Display system clock and timer status.
12		Current set fan speed.
13		Absence function.
14	*	Health function, Indoor unit optional function.
15		Remind to clean the filter.
16		X-fan function.
17	*	Auto clean status.
18		Save status of indoor unit.
19	*	Air status, Indoor unit optional function.
20	*	I-DEMAND function, Indoor unit optional function.
21		Quiet status (including Quiet and Auto Quiet two status).
22		Sleep status.
23	*	Left and right swing function.
24		Up and down swing function.
25	*	3D Heating mode.
26	*	Space Heating mode.
27		Heating mode.

No.	Symbols	Instructions
28	*	Floor Heating mode.
29		Dry mode.
30		Fan mode.
31	*	Auto mode.
32		Cooling mode.
33		It shows the value of temperature, and displays the current type of value (In case the wired controller is controlling a Fresh Air Indoor Unit, then it will display FAP).
NOTE: When wired controller is connected with different indoor units, some functions will be different.		

3.2 Installation and Removal

3.2.1 Installation dimensions

Unit: mm

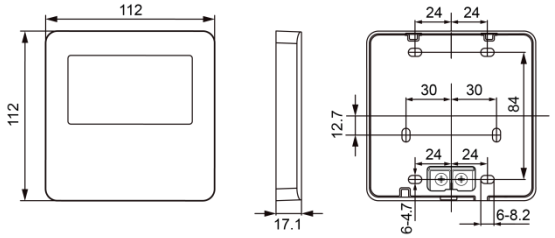


Fig. 3.3 Dimension of Wired Controller

3.2.2 Installation method

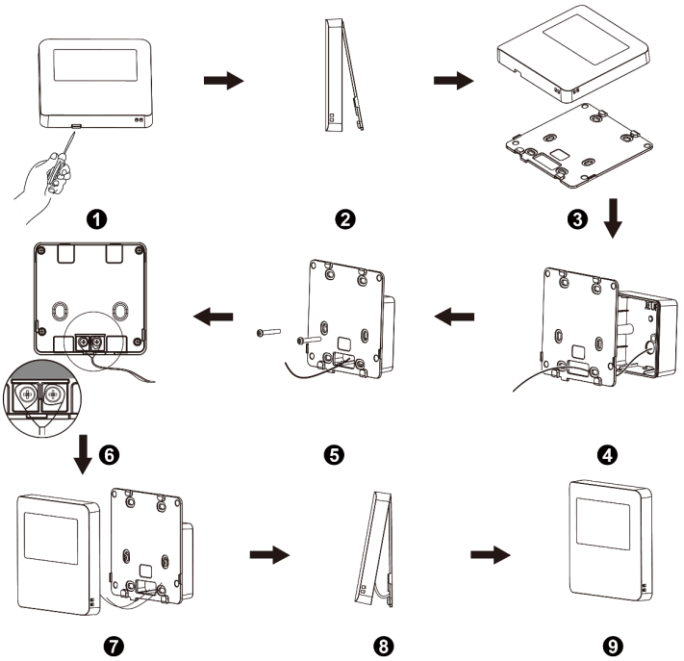


Fig.3.4 Installation of Wired Controller

Fig.3.4 shows a simple installation course of wired controller, and the following points should be noted:

(1) Before installation, please cut off the power supply of indoor unit, it is not allowed to operate with power supply;

(2) Pull out the 2-core twisted pair inside the installation hole in the wall, and thread the wire through the hole in the back of soleplate of wired controller;

(3) Stick the soleplate of wired controller on the wall, and use Self-tapping Screw ST3.9×25 MA or screw M4×25 to fix the soleplate with the installation hole of wall;

(4) Connect the 2-core twisted pair to wiring terminal H1 and H2, and then tighten the screw;

(5) Arrange the wires in the back of panel, and then buckle the panel of wired controller with the soleplate of wired controller.

3.2.3 Removal method

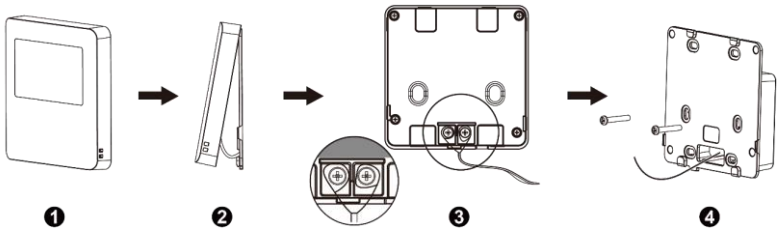


Fig. 3.5 Disassembly of wired controller

3.2.4 Connection of communication cord

There are 4 ways to connect wired controller with indoor units' network:

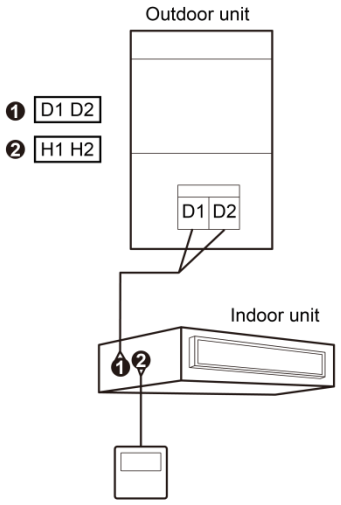


Fig.3.6 One wired controller controls one indoor unit

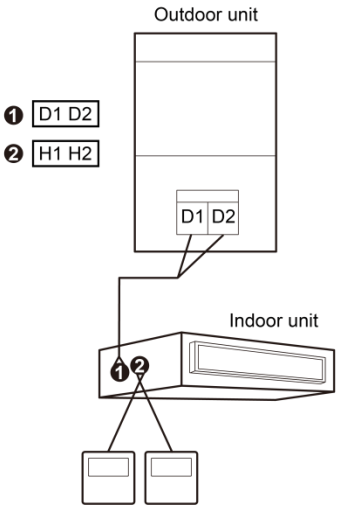


Fig.3.7 Two wired controllers control one indoor unit

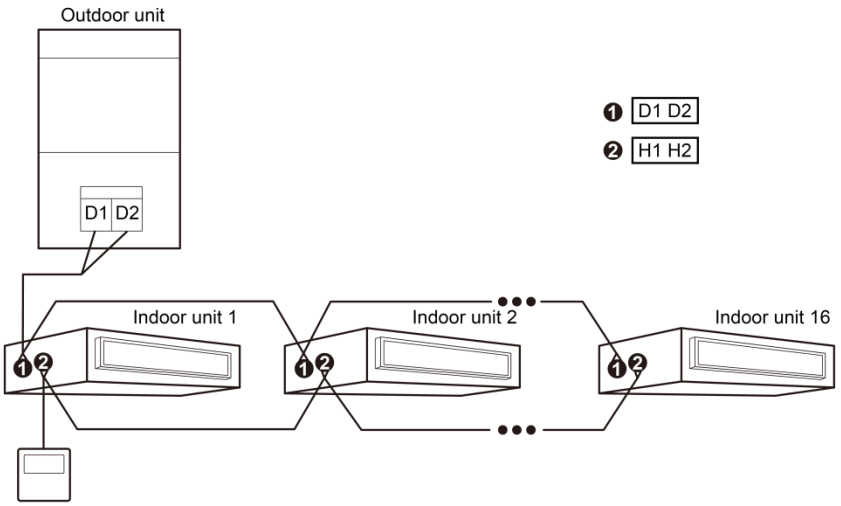


Fig.3.8 One wired controller controls multiple indoor units simultaneously

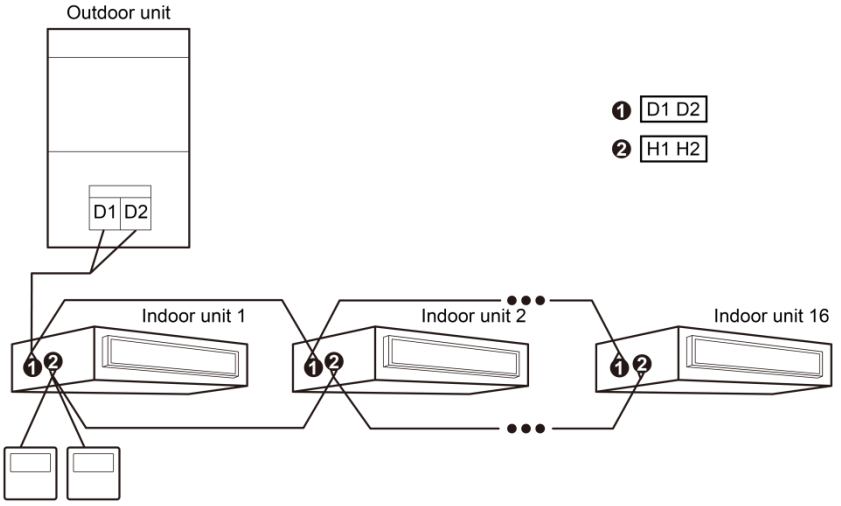


Fig.3.9 Two wired controllers control multiple indoor units simultaneously

Notes:

① Floor standing indoor unit only applicable to Fig.3.6.

② Wired controller XE7A-24/HC、XE7A-23/HC only supports one (or more) indoor unit(s) controlled by one wired controller.

4 Wired Controller XE7C-23/H、XE7C-23/HC

4.1 Control Panel

Fig. 4.1 Appearance of wired controller

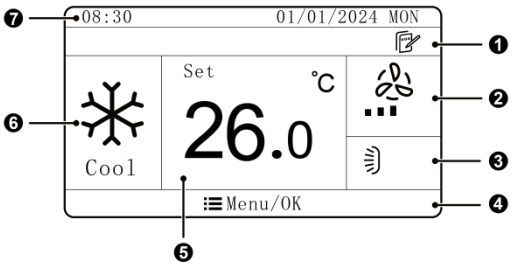


Fig. 4.2 LCD graphics of wired controller

Table 4.1 LCD display instruction

No.	Name	Instruction
1	Status column	Display the icon of function that is turned on
2	Fan speed	It is for displaying the fan speed
3	Swing	It is for displaying the current swing status
4	Button prompt	Display the function of MENU/OK button at the current page and the settable cursor
5	Temperature display	It shows the value of temperature (If the wired controller is controlling a fresh air indoor unit, it will display FAP).
6	Mode	It shows the operating mode
7	Clock display	It display the date and the time. When it's locating the indoor unit, it displays the project No. of current indoor unit.
NOTE: When wired controller is connected with different indoor units, some functions will be different.		

Table 4.2 Instruction of Status Column Icon

No.	Symbols	Name	Instructions
1		Air *	Air status(indoor unit optional function)
2		Remove card	The card for access control is removed
3		Clean	Remind to clean the filter
4		Child lock	Child lock status
5		Error	There are errors for the unit
6		Health *	Health function (indoor unit optional function)
7		Defrosting	Defrosting status of outdoor unit
8		Main	Current wired controller connects the main indoor unit.
9		Power off memory	Memory status (when power recovered, indoor unit will resume previous setting status)

No.	Symbols	Name	Instructions
10		Absence	Absence is displayed when this function is turned on.
11		Quiet status	Quiet status (including quiet and auto quiet modes)
12		Energy-saving	Energy-saving status of indoor unit
13		Shield	Shielding status
14		Slave wired controller	Slave wired controller (address of wired controller is 02).
15		Sleep	Sleep status
16		Time	Timer status is displayed
17		X-fan	X-fan is displayed when this function is set.
18		Group control	One wired controller controls multiple indoor units.
19		Valid operation	It's displayed for valid operation
20		WiFi	WiFi status(If the wired controller has no WiFi function, it displays only when the unit connected to "G-Cloud").
21		Independent swing*	Independent swing status
22		Auto clean *	Auto clean status
23		Setback	Setback function status
24		Warning	Warning status
25	AUX	Aux. Heat*	Aux. Heat is available
26	AUX ON		Aux. Heat operating
NOTE: When wired controller is connected with different indoor units, some functions will be different.			

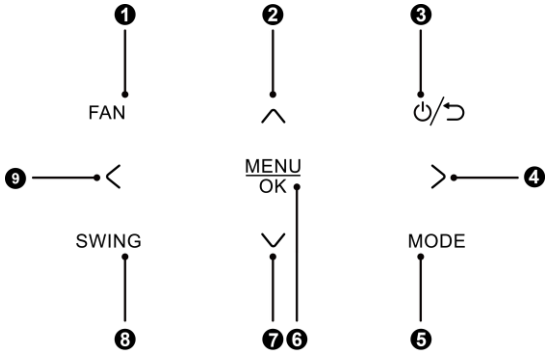


Fig. 4.3 Button graphics

Table 4.3 Function instruction of buttons

No.	Name	Function
1	FAN	Switch fan speeds: auto, low, medium-low, medium, Medium-high and high
2	∧	(1) Set operation temperature for the indoor unit. (2) Move cursor. (3) Set and check parameters.
7	∨	
3	⏻/⮌	On/off button for turn on or turn off the unit; back button for return to previous page.
9	<	(1) Turn pages, and switch and select the target; (2) Move the cursor; (3) Set and check parameters.
4	>	
5	MODE	Switch operating modes: Auto, Cool, Dry, Fan, Heat, etc.
6	MENU/OK	Select mode and confirm parameters.
8	SWING	Set the swing status of central air conditioners.

4.2 Installation and Removal

4.2.1 Installation dimensions

Unit: mm(inch)

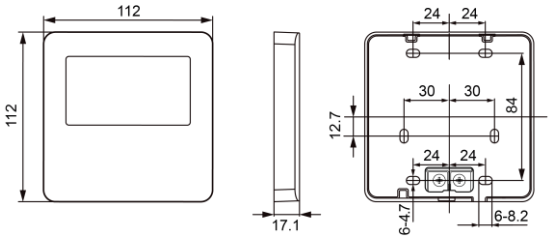


Fig. 4.4 Dimension of Wired Controller

4.2.2 Installation method

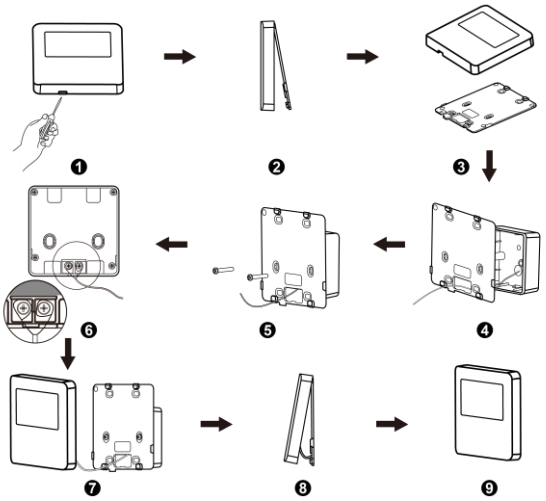


Fig. 4.5 Installation of Wired Controller

Fig. 4.5 shows a simple installation course of wired controller, and the following points should be noted:

① Before installation, please cut off the power supply of indoor unit, it is not allowed to operate with power supply;

② Pull out the 2-core twisted pair inside the installation hole in the wall, and thread the wire through the hole in the back of soleplate of wired controller;

③ Stick the soleplate of wired controller on the wall, and use Self-tapping Screw ST3.9×25 MA or screw M4×25 to fix the soleplate with the installation hole of wall;

④ Connect the 2-core twisted pair to wiring terminal H1 and H2, and then tighten the screw;

⑤ Arrange the wires in the back of panel, and then buckle the panel of wired controller with the soleplate of wired controller.

4.2.3 Removal method

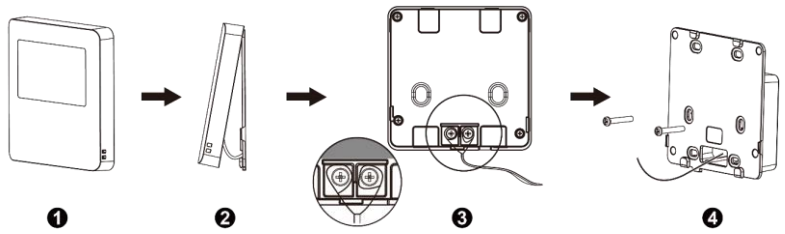


Fig. 4.6 Disassembly of wired controller

4.2.4 Connection of communication cord

There are 4 ways to connect wired controller with indoor units' network:

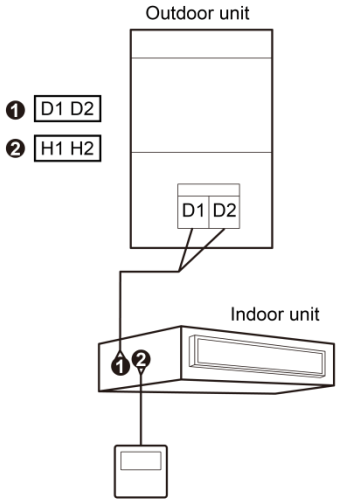


Fig.4.7 One wired controller controls one indoor unit

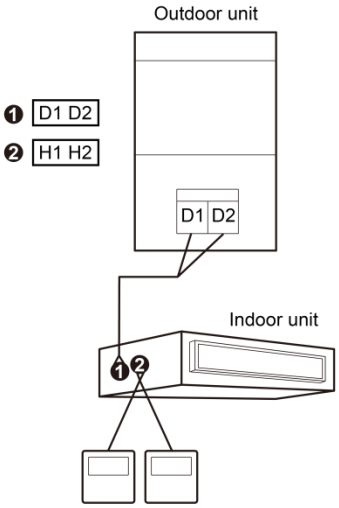


Fig.4.8 Two wired controllers control one indoor unit

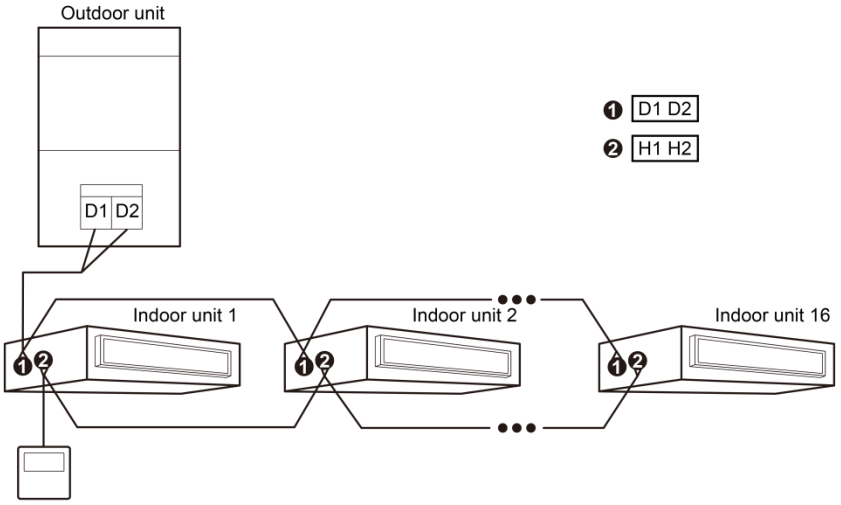


Fig.4.9 One wired controller controls multiple indoor units simultaneously

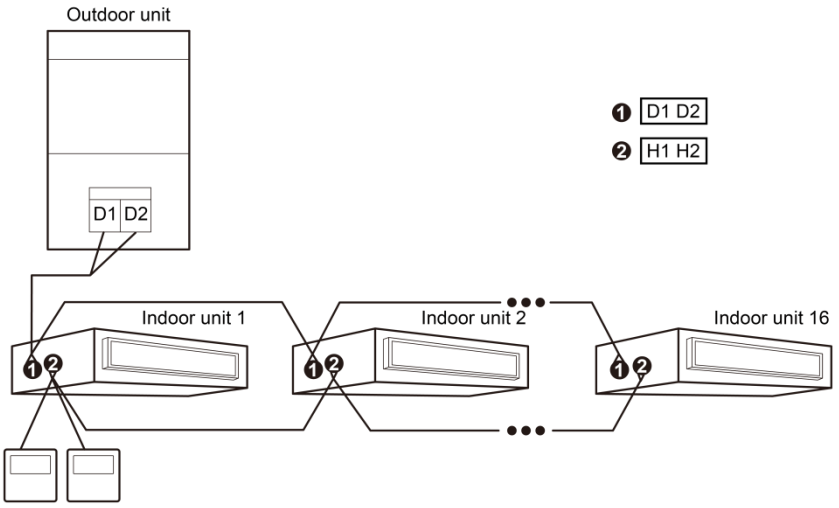


Fig.4.10 Two wired controllers control multiple indoor units simultaneously

Notes:

① Floor standing indoor unit only applicable to Fig.4.7.

② Wired controller XE7C-23/HC only supports one (or more) indoor unit(s) controlled by one wired controller.

5 Receiver JS13

5.1 Control Panel

Fig. 5.1 Appearance of Receiver

5.2 Installation and Removal

5.2.1 Installation dimensions

Unit: mm

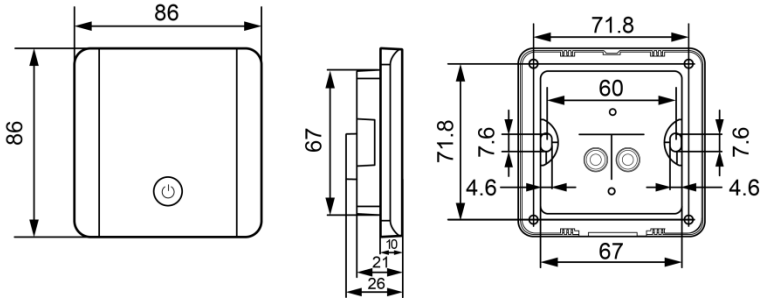


Fig. 5.2 Dimension of Receiver

5.2.2 Installation method

(1) When the indoor unit is installed well, select an installation position for the remote signal receiver according to the size of the connection wire and the installation position of the unit, leaving a groove and buried wire slot to install the remote signal receiver and bury the connection wires;

(2) Drill holes on the installation wall according to the installation dimension in the middle of the receiver dimension drawing, and then insert expanded plastic into each hole;

(3) Bury the connection wire and fix the connection wire with the screw at the back of the receiver body;

(4) If Junction box is reserved, please fix the receiver body in the Junction box with screw M4×25. If Junction box is not reserved, please fix the receiver body directly on the installation position with tapping screw ST3.5×25 PA and then assemble the cover;

(5) Connect the connection wire to the corresponding position of the unit where connecting the wired controller to complete the installation.

5.2.3 Connection of communication cord

Please refer to the communication cable connection method of the wired Controller XE7A-23/H.

6 Linkage Controller LE60-24/H1

6.1 Control Panel

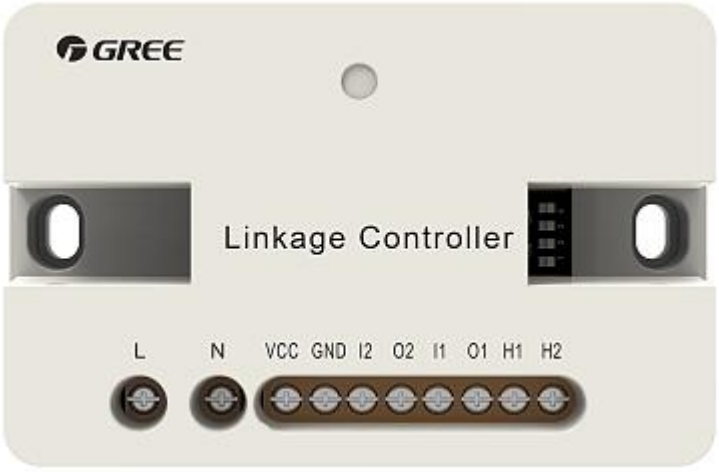


Fig. 6.1 Appearance of Linkage Controller

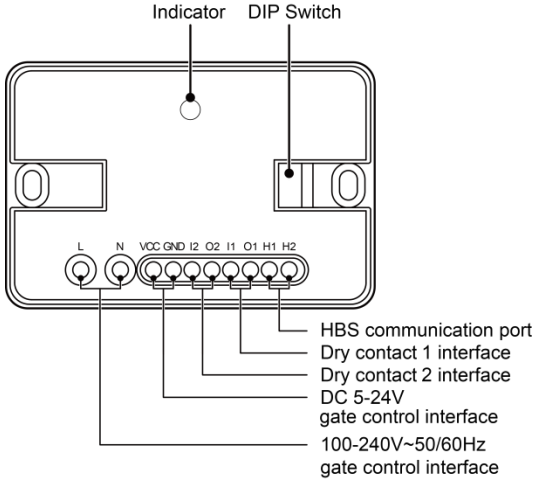


Fig.6.2 Diagram of Ports

6.2 Installation and Removal

6.2.1 Installation dimensions

Unit: mm

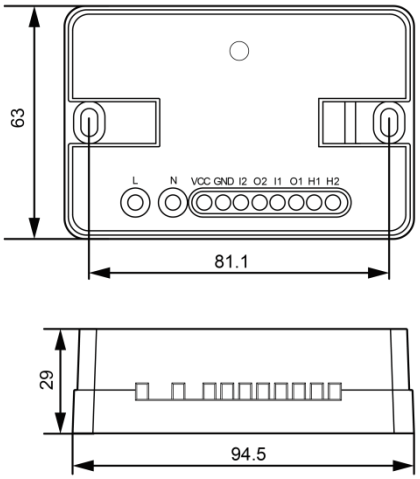


Fig.6.3 Dimensions of Product

6.2.2 Installation method

According to actual condition, install the linkage controller in an appropriate place indoors, and secure it with 2 screws. If necessary, push plastic expansion tubes into the wall before secure it with screws.

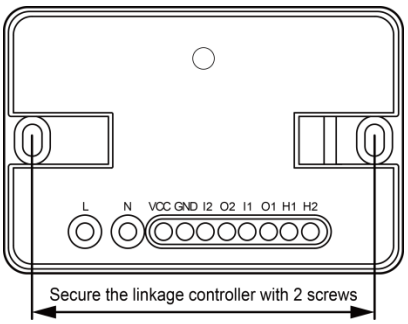


Fig.6.4 Installation Means

6.2.3 Connection of communication cord

Please refer to the communication cable connection method of the wired Controller XE7A-23/H.

6.2.4 Wiring between Linkage Controller and Gate Control System

If you want to control indoor unit's functions through gate control, please make sure the 4th lever of the DIP switch is turned to the "1" side and pay attention to the wire connection between linkage controller and gate control system (gate-control device):

(1) Never connect the power cord of outdoor or indoor units directly to the gate-control device in order to realize gate control function by connecting or disconnecting power of indoor and outdoor units with a card. The following two figures demonstrate the wrong connection of wires between units and gate control system:

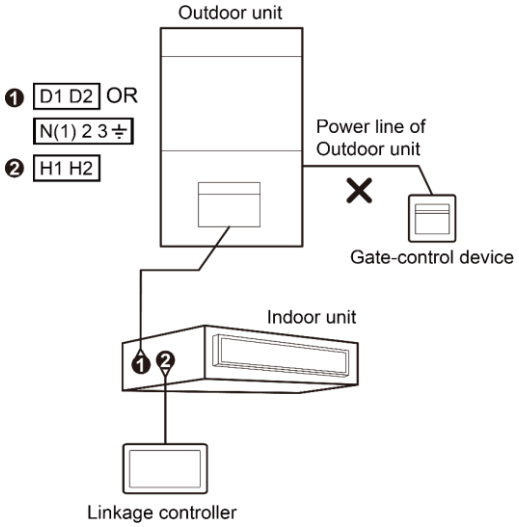


Fig.6.5 Wrong Connection 1 of Units and Gate Control

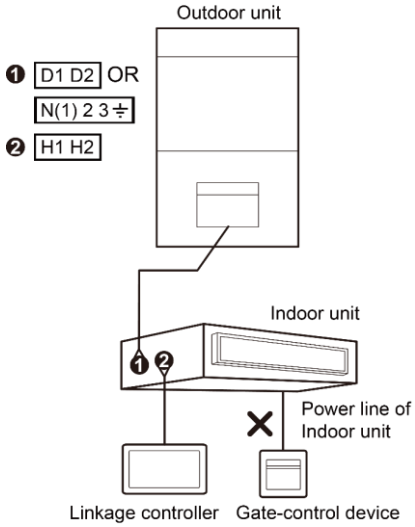


Fig.6.6 Wrong Connection 2 of Units and Gate Control

(2) After the linkage controller is connected with gate-control device, indoor unit's on and off can be controlled with a card: remove the card to turn unit off; insert the card to restore unit to the condition prior to card removal. The gate control card can control all indoor units that are linked with the linkage controller.

Connection of linkage controller and gate control system is as follow:

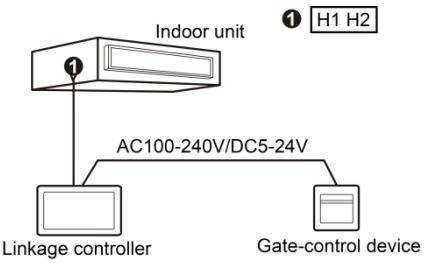


Fig.6.7 Connection fashion 1 of Wired Controller and Gate Control

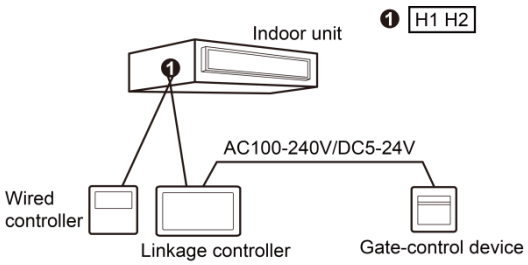


Fig.6.8 Connection fashion 2 of Wired Controller and Gate Control

NOTES:

① The linkage controller in figure 5.7 should be set as master HBS device.

② The linkage controller in figure 5.8 should be set as slave HBS device.

(3) Power input of gate control card insertion/removal device supported by linkage controller: AC 100-240V~50/60Hz, DC 5~24V. In practice, connect the gate control output power cord with the corresponding power supply interface of linkage controller according to the type of output power of gate-control device. The linkage controller will judge the placing and absence of card by detecting the power supply of gate-control device. The detecting process is as follow:

Inserting or removing the gate control card is like connecting or disconnecting power of the gate control device. When the card is inserted, the device supplies power AC100-240V/DC5-24V to linkage controller which identifies card insertion. When the card is removed, the device stops supplying power AC100-240V/DC5-24V to linkage controller which identifies card removal. Figure 5.14 and figure 5.15 demonstrate linkage controller connecting gate control power of AC100-240V or DC5-24V:

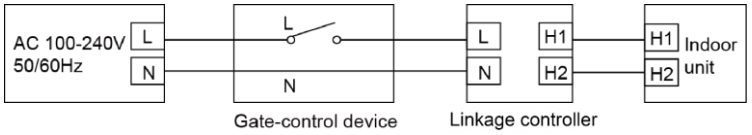


Fig.6.9 Linkage Controller Connecting to Gate Control AC100-240V

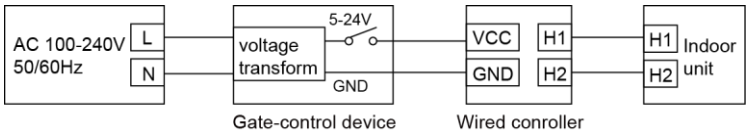
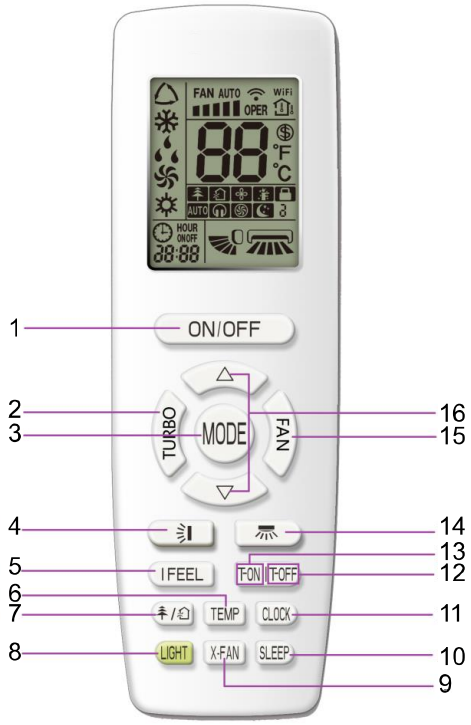


Fig.6.10 Linkage Controller Connecting to Gate Control DC5-24V

NOTE: Please refer to the manual of linkage controller LE60-24/H1for more details.

7 Remote Controller

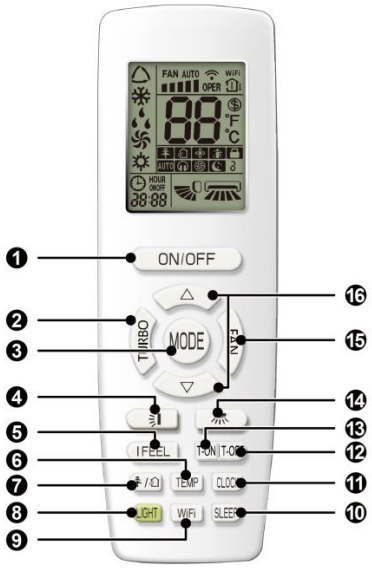
7.1 Remote Controller YAP1F



Button name and function introduction

No.	Button name	Function
1	ON/OFF	Turn on or turn off the unit
2	TURBO	Set turbo function
3	MODE	Set operation mode
4		Set up&down swing status
5	I FEEL	Set I FEEL function
6	TEMP	Switch temperature displaying type on the unit’s display
7		Set health function and air function
8	LIGHT	Set light function
9	X-FAN	Set X-FAN function
10	SLEEP	Set sleep function
11	CLOCK	Set clock of the system
12	TOFF	Set timer off function
13	TON	Set timer on function
14		Set left&right swing status
15	FAN	Set fan speed
16	△/▽	Set temperature and time

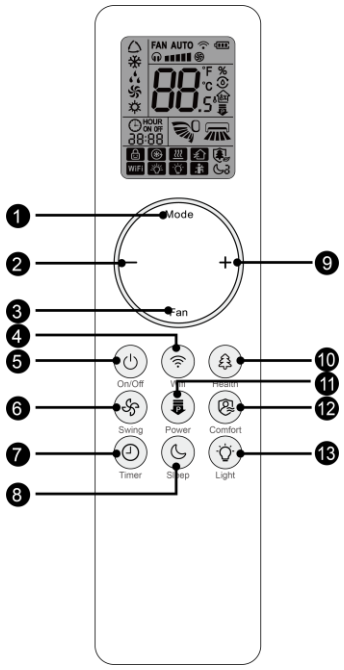
7.2 Remote Controller YAP1F7



Button name and function introduction

No.	Button name	Function
1	ON/OFF	Turn on or turn off the unit
2	TURBO	Set turbo function
3	MODE	Set operation mode
4		Set up & down swing status
5	I FEEL	Set I FEEL function
6	TEMP	Switch temperature displaying type on the unit's display
7		Set health function and air function
8	LIGHT	Set light function
9	WiFi	Set WiFi function
10	SLEEP	Set sleep function
11	CLOCK	Set clock of the system
12	T-OFF	Set timer off function
13	T-ON	Set timer on function
14		Set left & right swing status
15	FAN	Set fan speed
16	△/▽	Set temperature and time

7.3 Remote Controller YBE1FB17

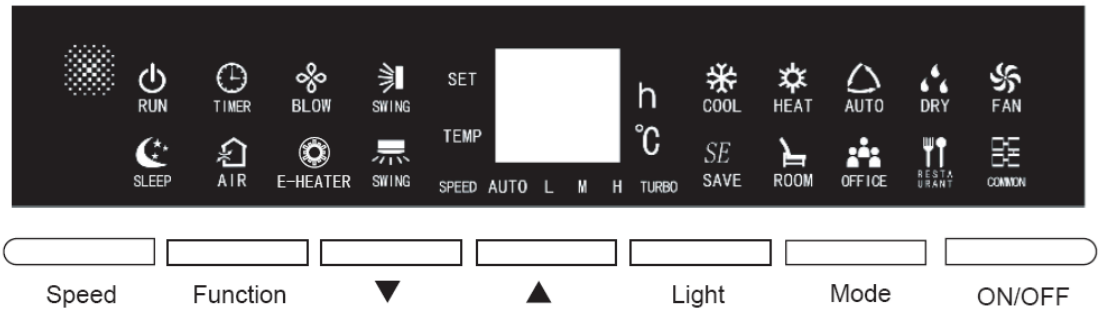


Button name and function introduction

No.	Button name	Function
1	MODE	Set operation mode
2	-	Set temperature and time
3	FAN	Set fan speed
4		Reset WIFI function
5		Turn on or turn off the unit
6		Set swing angle
7		Set timer function
8		Set sleep function
9	+	Set temperature and time
10		Set health function and air function
11		Power limiting operation
12		Set comfort function
13		Set light function
NOTE: VRF unit doesn't have power limiting operation and WiFi function.		

8 Panel Display

8.1 Control Panel



Notes:

"AIR" function is an optional function of indoor unit, for the unit without such function, this function is invalid; "E-HEATER", "ROOM", "OFFICE", "RESTAURANT", "COMMON" are obligate functions of indoor unit that cannot be set.

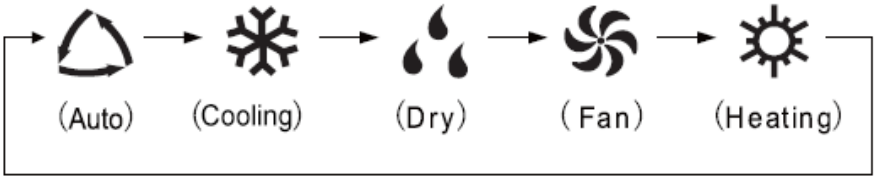
8.2 Operational Instruction

8.2.1 Start up and close down the unit

Press "ON/OFF" button to start up the unit. Press "ON/OFF" button to close down the unit.

8.2.2 Mode Setting

Under power-on status, each time press "Mode" button, the mode will be switched according to the following order circularly:



Notes:

① Only the master indoor unit can set auto mode;

② Under auto mode, if the indoor unit is in auto cooling, the "⌂"and"✻" icons are on; if the indoor unit is in auto heating, the "⌂"and"☼" icons are on.

8.2.3 Setting of Light ON/OFF Function

(1) Light ON/OFF Function: can set the ON and OFF of light for display panel.

(2) Under power-on or power-off status, press "Light" button to turn on and turn off the light of display panel.

(3) When the light of display panel is turned off, press the other buttons other than "Light" button, the light on display panel will be turned off after 5 seconds.

8.2.4 Temperature Setting

Press "▼" or "▲" buttons under power-on status, the set temperature will be increased or decreased at 1°C each time; when long press the buttons, the temperature will be increased or decreased at 1°C every 0.3 seconds. The temperature setting range is: 16°C~30°C.

Note:

Under auto mode, the temperature cannot be set through pressing "▼" or "▲" buttons.

8.2.5 Function Setting

Press "Function" button under power-on or power-off status, it can enter into function setting status. Under function setting status, press "ON/OFF" button or without pressing any buttons for consecutive 5 seconds, it will quit the function setting status.

(1) Up and down swing function settings

Press "Function" button under power-on status to switch to up and down swing function, when " " icon flickers, press "▲"or"▼" button to start up or cancel the up and down swing function. If " " is on it means the function has been started up; if " " icon is off it means the function has been canceled.

(2) Left and right swing function settings

Press "Function" button under power-on status to switch to left and right swing function, when " " flickers, press "▲"or"▼" button to start up or cancel the left and right swing function. If " " icon is on it means the function has been started up; if " " icon is off it means the function has been canceled.

(3) Settings of X-fan

X-fan function: after closing down the unit under cooling and dry mode, the air conditioner will automatically dry the water of evaporator of indoor unit to prevent breeding of bacteria and mildew.

Turn on or cancel X-fan function: with the unit is started up, under cooling or dry mode, press "Function" button to switch to X-fan function, when " " flickers, press "▲" or "▼" buttons to start or cancel X-fan function. If " " icon is on it means the X-fan function has been started up, if " " icon is off it means the X-fan function has been canceled.

(4) Settings of Timer Function

Timer Function: under power-on status, the count down of power-off time can be set. Under power-off status, the count down of power-on time can be set.

Timer setting: press "function" button to switch to timer function, when " " icon flichers, press "▲" or "▼" button to adjust the setting time. After setting the time, press "ON/OFF" button or without pressing any buttons for consecutive 5 seconds, the setting time is confirmed and quit the function setting status. After quitting the function setting status, the " " icon is on, it means the timer function has been turned on.

Cancel timer: press "Function" button to switch to timer function, when " " icon flickers, press "▲" or "▼" button to set the time to be "00", then the timer function is canceled; press "ON/OFF" button or without pressing any buttons for consecutive 5 seconds, it will quit the function setting status. After quitting the function setting status, the " " icon is off, it means the timer function has been canceled.

Count down setting range: 00~24 hours, in which "00" refers to closedown of timer function. Each

time press “▲” or “▼” button, if it is within 10 hours, it will increase or decrease 0.5 hour each time, if long press “▲” or “▼” button, it will increase or decrease 0.5 hour every 0.3 second; if it is over 10 hours, each time press “▲” or “▼” button will increase or decrease 1 hour each time, and if long press “▲” or “▼” button, it will increase or decrease 1 hour every 0.3 second.

(5) Setting of air renewal function

Air renewal function: through adjusting the fresh air volume to improve the air quality and keep the indoor fresh air.

Air renewal setting: press “Function” button to switch to air renewal function, when “

” icon flickers, press “▲”or”▼” button to adjust the air renewal level; after setting air renewal level, press “ON/OFF” button or without pressing any buttons for consecutive 5 seconds, the air renewal function has been confirmed to be turned on and then quit the function setting status. After quitting the function setting status, the “

” icon is on, it means the air renewal function has been turned on.

Cancel air renewal: press “Function” button to switch to air renewal function, when “

” icon flickers, press “▲”or”▼” button to set the air renewal as “00”, then the air renewal function is canceled; press “ON/OFF” button or without pressing any buttons for consecutive 5 seconds, it will quit the function setting status. After quitting function setting status, the “

” icon is off, it means the air renewal function is canceled.

Adjustment range of air renewal level: it can adjust the air renewal level to be 00~10, in which “00” refers to closing down air renewal function.

(6) Setting of Sleeping Function

Sleeping function: set the unit to enter into sleeping operational status, the unit will operate according to the preset sleeping temperature curve to create a comfortable sleeping environment and improve sleeping quality.

Turn on or cancel sleeping function: press “Function” button under power-on status to switch to sleeping function, when “

” icon flickers, press “▲” or “▼” button to turn on or cancel sleeping function. If “

” icon is on, it means the sleeping function is turned on; if “

” icon is off, it means the sleeping function is canceled.

There is no sleeping function under auto and swing mode.

(7) Setting of energy-saving function

Energy-saving function: through setting the lower temperature limit of cooling and dry mode and upper temperature limit of heating mode, to make the air conditioner operate in a smaller temperature range, thus save energy.

Turn on cooling energy-saving: with the unit is started up, under cooling or dry mode, press “Function” button to switch to energy-saving function, when “

” icon flickers, press “▲”or “▼” button to adjust cooling temperature limit, after setting cooling temperature limit, press “ON/OFF” button or without pressing any buttons for consecutive 5 seconds, the energy-saving function is confirmed to be turned on

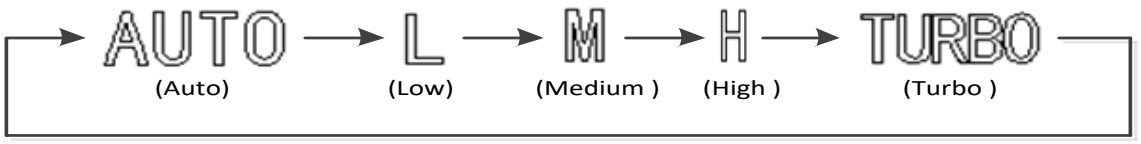
and quit the function setting status. After quitting function setting status, the "SE SAVE" icon is on, it means the cooling energy-saving function has been turned on.

Turn on heating energy-saving: with the unit is started up, under heating mode, press "Function" button to switch to energy-saving function, press "▲"or "▼" button to adjust heating temperature limit, if the "SE SAVE" icon flickers, after setting heating temperature limit, press "ON/OFF" button or without pressing any buttons for consecutive 5 seconds, the energy-saving function is confirmed to be turned on and quit the function setting status. After quitting function setting status, the "SE SAVE" icon is on, it means the heating energy-saving function has been turned on.

Cancel energy-saving function: under energy-saving function setting status or under normal power-on status, press "Function" button and "▼" button simultaneously to cancel energy-saving function, when "SE SAVE" icon is off, it means the energy-saving function is canceled.

8.2.6 Speed Settings

Under power-on status, press "Speed" button, the speed will be circularly switched according to the following order:



Notes:

① Under dry mode, the speed cannot be adjusted, it will be automatically set to be low.

② When the speed of indoor unit is adjusted to be auto speed, the indoor unit will automatically change speed according to the indoor ambient temperature, to make the indoor ambient temperature be more stable and comfortable.

8.2.7 Special Function

(1) Inquire address of indoor unit

Under power-off status, press "Speed" button and "ON/OFF" button simultaneously for 5 seconds, then the "88" LED will display the engineering No. of the indoor unit for 5 seconds; if the engineering No. is over two digits, it will circularly display the higher two digits and lower two digits.

(2) Inquire unit type

Under power-off status, simultaneously press "Mode" button and "ON/OFF" button for 5 seconds, then the "88" LED will display corresponding code for 5 seconds: heat pump unit will display "nA", cooling only unit will display "nC", heating only unit will display "nH", swing type unit will display "nF".

(3) Setting of power-fail memory function

Under power-off status, simultaneously press "Mode" button and "▲" button for 5 seconds to switch the memory method: if "88" LED displays "on", it means it will memorize the on and off status of the unit after being de-energized (that is, after de-energizing and energizing the unit, the unit will resume to be the status before it is de-energized); if "88" LED displays "oF", it means it will not memorized the on and off status of the unit after being de-energized (that is, after de-energizing and energizing the unit, the unit

will still be power-off status).

(4) Setting of master indoor unit function

Under power-off status, long press “Mode” button for 5 seconds to set the indoor unit to be master pattern indoor unit (master indoor unit), after finishing setting, the “88” LED will display “UC” for 5 seconds.

Notes:

When the master indoor unit is started up, the operational light “ ”on display panel will flicker for three times.

(5) Settings of Child Lock Function

Under power-on or power-off status, simultaneously press “▲” button and “▼” button for 5 seconds, it will turn on child lock function, the “88” LED will flicker and display “An” for three times; press “▲” button and “▼” button again for 5 seconds, it will cancel child lock function.

Under child lock status, the unit will not response if pressing other buttons, and the “88” LED will flicker and display “An” to remind the user that the unit is under child lock status.

(6) Long-distance Shielding Function

Long-distance shielding function: long-distance monitor or centralized controller can remotely control related functions of indoor unit or conduct shielding to make the operation invalid, thus realize long-distance control function.

Long-distance shielding function can be divided into full shielding and partial shielding. When it is in full shielding, all the remote control or operation by pressing buttons to the indoor unit will be invalid. If it is in partial shielding, the remote control or operation by pressing buttons to the shielded function of indoor unit will be invalid.

When long-distance monitor or centralized controller conduct long-distance shielding to indoor unit, if the user wants to remotely control or operate the unit by pressing buttons, the “88” LED will flicker and display “Ay” to remind the user that it is under long-distance shielding status.

9 Introduction to Unit Functions

Function Application of IDUs

Indoor unit functions cover user operation functions and engineering application functions. For user operation functions, refer to operating instructions of the IDU, wired controller, and remote controller.

Engineering application functions include:

SN	Function Name
1	Master IDU query and settings
2	Indoor unit project number query and settings
3	User parameter query
4	User parameter settings
5	Engineering parameter query
6	Engineering parameter settings

Engineering application functions can be operated through the IDU wired controller (XK46 or XK79 or XE7A-24/H or XE7A-24/HC or XE7A-23/H or XE7A-23/HC or XE7C-23/H or XE7C-23/HC) or remote controller (fittings selectable).

9.1 Engineering Application Functions Operated through the XK46 Wired Controller

9.1.1 Master IDU Settings

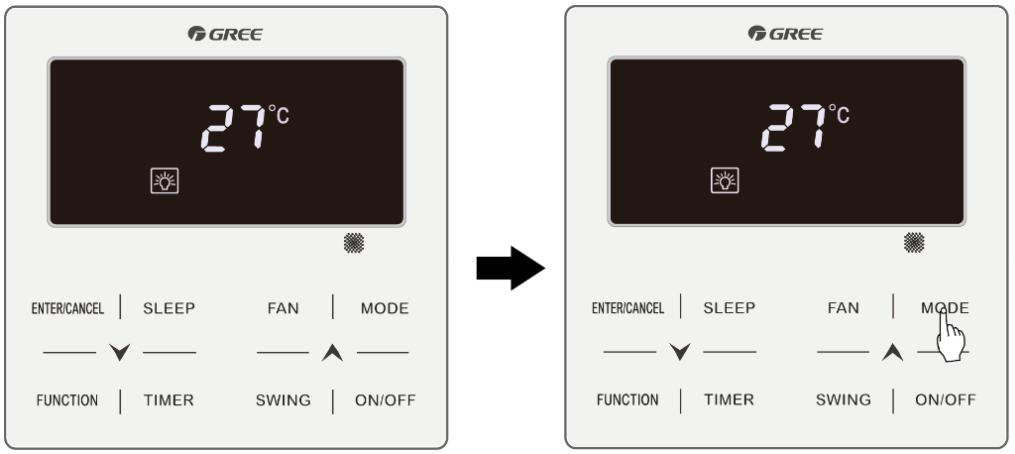
The master IDU can be set through the wired controller or remote controller. The methods for setting the master IDU through the wired controller are as follows:

Method 1:

Step 1: Set an IDU to power-off status.

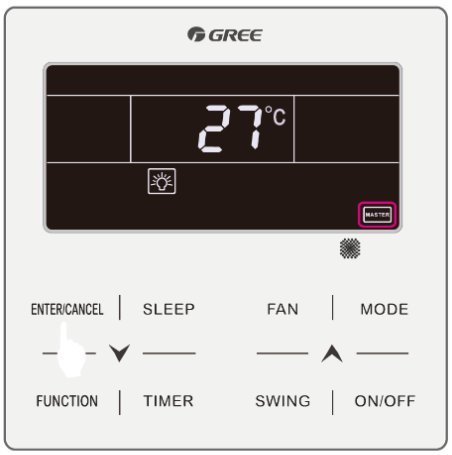
Step 2: Press and hold the “MODE” button on the wired controller for more than five seconds.

Step 3: Check whether the setting is successful. If it is, “MASTER” on the wired controller will be on. Otherwise, repeat steps 1 and 2.



In power-off status

Press "MODE" for five seconds



"MASTER" is on when the master indoor unit is successfully set.

Method 2:

Step 1: Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface.

Step 2: Press and hold the “FUNCTION” button for five seconds in “C00” status to enter the parameter setting interface.

Step 3: Press “▲” or “▼” to switch level 2 parameter codes till “P10” is displayed on the temperature

area.

Step 4: Press the “MODE” button to set the parameter to “01” and then Press the “ENTER” button. If the setting is successful, “MASTER” on the wired controller will be on.

Master IDU Display

① For IDUs connected with wired controllers, “MASTER” on the wired controller connected with the master IDU will be on.

② For IDUs embedded or connected with LED panels, the operation LED on the LED panel of the master IDU will blink three times.

Note:

After the master IDU is successfully set, stick the “

” flag to the wired controller or unit panel for convenience of user operation and engineering maintenance. This flag is placed in the package bag of the ODU.

9.1.2 Project number Query and Settings

(1) Project number query of a single IDU

Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface “C00”. The timer area of the wired controller displays the project number of the current IDU. Synchronously, the double-eight digital LED of the IDU embedded or connected with an LED panel displays its own project number. If the current wired controller works in one-to-many mode, the timer area displays the IDU that has the minimum project number.

(2) Project number of multiple IDUs

Project number query of IDUs in one-to-many mode: Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface “C00”. Press “▽” to switch to “C01”. Press the “MODE” button to enter query. The timer area displays the project numbers of IDUs from small to large. Press “△” or “▽” to switch project numbers. Synchronously, the double-eight digital LED of the IDU embedded or connected with an LED panel displays its own project number.

Note:

It is normal if the buzzer of the IDU operated by the wired controller rings. The purpose of ringing the buzzer is to facilitate engineering commissioning personnel to locate the IDU, especially for the IDU without any LED panel because it cannot display its project number.

Project number query of IDUs in the entire communication network: Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface “C00”. Press “▽” to switch to “C18”. Press the “MODE” button to enter query. The timer area of each wired controller in the entire network displays the project number of the corresponding IDU. Synchronously, the double-eight digital LED of each IDU embedded or connected with an LED panel displays its own project number.

Method for quitting query:

◆ Quit the “C18” query interface.

- Press the “ON/OFF” button on any wired controller in the network.

(3) Project number settings of IDU

Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface “C00”. Continuously press the “MODE” button for three times, and then press and hold the “FUNCTION” button for five seconds to enter the engineering parameter setting interface. The temperature area displays “P00”.Press “▽” to switch to “P42”.

- Single IDU: Press the “MODE” button. The project number blinks in the timer area. Press “△” or “▽” to adjust the project number, and then Press the “ENTER” button to confirm and return to the upper-level menu.
- One-to-many: Press the “MODE” button to enter the IDU selection menu. Press “△” or “▽” to switch IDUs. Press the “MODE” button to set the project number of the current IDU in the same method as above.

9.1.3 User Parameter Query

User parameters can be queried in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds to enter the user parameter query interface. The temperature area displays “C00” and “View” is on.

(2) Select a parameter code by pressing “⮝” or “⮟”.

(3) Press the “ENTER/CANCEL” button to return to the upper-level menu till quitting parameter query.

The user parameter query list is as follows:

Table 2.1 User Parameter Query List

Parameter Code	Parameter Name	Parameter Range	View Method
C00	Parameter setting ingress	—	Display mode: Timer area: displays the project number of the current IDU. Note: If the current HBS network consists of multiple IDUs, only the IDU that has the minimum project number is displayed.
C01	Project number query of IDU and faulty IDU location	1-255: project number of online IDU	Operation method: In “C01” status, press the “MODE” button to enter project number query of IDU. Press “▲” or “▼” to switch the IDU SN. Display mode: Temperature area: displays the fault of the current IDU (in the case of multiple faults, they are circularly displayed every three seconds). Timer area: displays (project number conflict C5 fault)/project number of the current IDU (project numbers are arranged from small to large). Special operations: After users press the “MODE” button to enter project number query, the buzzer of the IDU operated by the wired controller will ring till users quit “C01” query or switch to the next IDU.
C03	Indoor unit quantity query in the system network	1-80	Timer area: displays the number of IDUs in the system network.

Parameter Code	Parameter Name	Parameter Range	View Method
C06	Preferential operation query	00: common operation 01: preferential operation	Operation method: In “C06” status, press the “MODE” button to enter the preferential operation query interface. Press “▲” or “▼” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the preferential operation setting value of the current IDU.
C07	Indoor environment temperature query	—	Operation method: In “C07” status, press the “MODE” button to enter the indoor environment temperature query interface. Press “▲” or “▼” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the temperature value of the indoor environment temperature sensor after replenishment.
C08	Prompt time query for air filter cleaning	4-416: days	Timer area: displays the prompt time for air filter cleaning.
C09	Wired controller address query	01, 02	Timer area: displays the address of the current wired controller.
C11	Indoor unit quantity query in one-to-many mode	1-16	Timer area: displays the number of IDUs controlled by the wired controller.
C12	Outdoor environment temperature query	—	Timer area: displays the temperature value of the environment temperature sensor of the master ODU.
C17	Indoor relative humidity query	20-90	Operation method: In “C17” status, press the “MODE” button to enter the indoor relative humidity query interface. Press “▲” or “▼” to switch the IDU SN. Display mode: Temperature area: displays the relative humidity value. Timer area: displays the project number of IDU (project numbers are arranged from small to large). If the HBS network consists of only one IDU, the timer area directly displays the IDU relative humidity value in the “C17” interface.
C18	Indoor unit project number query in the communication network	1-255	Operation method: In “C18” status, press the “MODE” button to enter the IDU project number query interface. Press “▲” or “▼” to switch the IDU SN. Cancellation method: 1) If users quit the “C18” query interface within 20 seconds, the project number display is cancelled. 2) If the query interface is quit after 20 seconds upon timeout, press the “ON/OFF” button in power-on or power-off status to cancel the project number display. 3) The method for cancelling the project number display on any wired controller in the network is the same as ②. Display mode: Temperature area: displays the SN of the current IDU (project numbers are arranged from small to large). Timer area: displays the project number of the current IDU. Each IDU/wired controller in the network displays its own project number (the wired controller circularly displays project numbers of IDUs every second from small to large).

Parameter Code	Parameter Name	Parameter Range	View Method
C20	Fresh-air IDU outlet temperature query	-9 to 99	Operation method: In “C20” status, press the “MODE” button to enter the fresh-air IDU temperature query interface. Press “▲” or “▼” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU (1-16, project numbers are arranged from small to large). Timer area: displays the fresh-air IDU outlet temperature. If the HBS network consists of only one IDU, the timer area directly displays the fresh-air IDU outlet temperature in the “C20” interface.
C23	Inquiry of the version of wired controller	—	Display mode: Display in timer zone: version of the wired controller (display on the right) **Note:** ① Version of the wired controller refers to the the version of the program of the wired controller. ② The version number doesn’t have decimal points. It’s an integral number.

Note:

In parameter query status, “FAN”, “TIMER”, “SLEEP”, and “SWING” are invalid. By pressing the “ON/OFF” button, users can return to the main interface but not power on/off the unit.

In parameter query status, signals of the remote controller are invalid.

9.1.4 User Parameter Settings

User parameters can be set in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds. The temperature area displays “C00”. Press and hold the “FUNCTION” button for another five seconds to enter the wired controller parameter setting interface. The temperature area displays “P00”.

(2) Select a parameter code by pressing “∧” or “∨”. Press the “MODE” button to switch to parameter value settings. The parameter value blinks. Adjust the parameter value by pressing “∧” or “∨” and then press the “ENTER/CANCEL” button to complete settings.

(3) Press the “ENTER/CANCEL” button to return to the upper-level menu till quitting parameter settings.

(4) The user parameter setting list is as follows:

Table 2.2 User Parameter Setting List

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P10	Master IDU settings	00: Not change the master/slave status of the current IDU 01: set the current IDU to master IDU	00	After the IDU connected with the current wired controller is successfully set to master IDU, “MASTER” on the wired controller is on.
P11	Infrared connection settings of wired controller	00: disabled 01: enabled	01	This setting can only be enabled through the master wired controller. When the infrared remote receiving function of the wired controller is disabled, neither the master nor slave wired controller can receive remote signals. The wired controllers can only be operated by pressing.

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P13	Wired controller address settings	01: master wired controller 02: slave wired controller	01	When two wired controllers simultaneously control one or more IDUs, the two wired controllers should use different addresses. The slave wired controller (address: 02) does not have the unit parameter setting function except its own address settings.
P14	Group-controlled IDU quantity settings	00: disabled 01-16: number of indoor units	01	This value is set based on the number of connected IDUs. If the current value is inconsistent with the actual number of group-controlled IDUs, “L9” fault may occur.
P16	Unit setting for display temperature	00: °C 01: °F	00	—
P30	Static pressure setting for general indoor unit	Type 1: 03.04.05.06.07 Type 2: 01.02.03.04.05.06.07.08 .09	05	01-09 are valid for high ESP duct type unit; only 03-07 are valid for other indoor unit.
P31	Ceiling installation height setting	00: standard-ceiling installation height 01: high-ceiling installation height	00	—
P33	Timer function settings	00: common timer 01: time-point timer	00	—
P34	Repeating validity for time-point timer	00: single timer 01: repeated everyday	01	This setting is valid only when the timer function is set to time-point timer.
P37	Upper temperature limit setting for auto mode	17°C -30°C (63°F~86°F)	25 (77°F)	When temperature unit is °C: upper temprature limit-lower temperature limit ≥1 When temperature unit is °F : upper temperature limit-lower temperature limit ≥2
P38	Lower temperature limit setting for auto mode	16°C -29°C (61°F~84°F)	20 (68°F)	
P43	Preferential operation settings	00: common operation 01: preferential operation	00	When power supply is insufficient, users are allowed to power on/off the IDU set with preferential operation and other IDUs are forcibly powered off. A fault code is displayed on the IDU that is forcibly powered off.
P46	Accumulated time clearing for air filter cleaning	00: not cleared 01: cleared	00	—
P49	Opening angle of indoor unit air-return plate*	01: angle 1(25°) 02: angle 2(30°) 03: angle 3(35°)	01	Only applicable to units with air-return plate.
P50	Air outlet temperature setting of cooling for Fresh Air Unit	16°C~30°C (61~86°F)	18°C (64°F)	Only applicable to Fresh Air Indoor Unit.
P51	Air outlet temperature setting of heating for Fresh Air Indoor Unit	16°C~30°C (61~86°F)	22°C (72°F)	Only applicable to Fresh Air Indoor Unit.
P54	Linkage function setting of Fresh Air Indoor Unit	00: without linkage control 01: with linkage control	00	After linkage function is set, Fresh Air Indoor Unit will be turned on/off following the on/off status of common indoor unit. Besides, Fresh Air Indoor Unit can also be turned on/off manually. NOTICE: Only applicable to Fresh Air Indoor Unit.

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P69	Signal type of gate control	01:5-12V DC (including 12V) signal of gate control 02: 12V-24V DC (excluding 12V) signal of gate control 03: 110V AC signal of gate control 04: 220V AC signal of gate control	04	Only applicable to wired controller XK79 with gate control.
P71	Setback function setting	00：invalid 01：valid	00	Only applicable for gate control wired controller.
P72	Upper temperature limit of Setback function	20~30°C (68~86°F)	26°C (79°F)	Only applicable for gate control wired controller.
P73	Lower temperature limit of Setback function	16~26°C (61~79°F)	20°C (68°F)	Only applicable for gate control wired controller.
P74	Gate control status setting	00：OFF 01：Operate at the status before pulling out the status	01	—
P78	Cold air prevention time setting for indoor unit	00：180s 01：300s 02：420s 03：600s	00	—
P82	Time format setting	00：24h format 01：12h format	00	—
P63, P64, P65, P76 and P77 are reserved code. Please do not set it.				

Note:

In parameter setting status, “FAN”, “TIMER”, “SLEEP”, and “SWING” are invalid. By pressing the “ON/OFF” button, users can return to the main interface but not power on/off the unit.

In parameter setting status, signals of the remote controller are invalid.

9.1.5 Engineering Parameter Query

Engineering parameters can be queried in power-on or power-off status.

Press and hold the “FUNCTION” button for five seconds to enter the engineering parameter query interface. The temperature area displays “C00” and “View” is on.

(1) Within five seconds after “C00” is displayed, continuously press the “MODE” button for three times in an interval less than one second to enter engineering parameter query.

(2) Select a parameter code by pressing “∧” or “∨”.

(3) Press the “ENTER/CANCEL” button to return to the upper-level menu till quitting parameter query.

In the engineering parameter query interface, users can also query user parameters listed in Table 2.3.

The engineering parameter query list is as follows:

Table 2.3 Engineering Parameter Query List

Parameter Code	Parameter Name	Parameter Range	View Method
C00	Parameter setting ingress (default)	—	Display mode: Timer area: displays the project number of the current IDU. Note: If the current HBS network consists of multiple IDUs, only the IDU that has the minimum project number is displayed.
C02	Indoor unit capacity query	—	Operation method: In “C02” status, press the “MODE” button to enter the preferential operation query interface. Press “⮝” or “⮟” to switch the project number of IDU. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the current IDU capacity/IDU capacity after adjustment.
C04	Project number query of master IDU	1-255: project number 00: no master IDU	Timer area: displays the project number of the master IDU/00.
C05	Historical fault query ingress of IDU	Five historical faults	Operation method: 1. In “C05” status, press the “MODE” button to enter the historical fault query interface. Press “⮝” or “⮟” to switch the project number of IDU. Press the “MODE” button to enter fault code query of the current IDU. Press “⮝” or “⮟” to switch the fault SN. Press the “ENTER/CANCEL” button to return to the upper-level menu. Display mode: Temperature area: displays the fault SN and fault code. Timer area: displays the project number of IDU.
C10	Static pressure setting query of ODU	00: 0 Pa 20: 20 Pa 50: 50 Pa 82: 82 Pa	Operation method: In “C10” status, press the “MODE” button to enter static pressure setting query of ODU. Press “⮝” or “⮟” to switch the ODU address. Display mode: Temperature area: displays the address of the current ODU. Timer area: displays the static pressure setting value.
C13	Outdoor unit network number query	1-255	Timer area: displays the network number of the current ODU.
C14	Temperature query for inlet-tube temperature sensor of IDU	-9 to 99	Operation method: In “C14” status, press the “MODE” button to enter inlet-tube temperature sensor query of IDU. Press “⮝” or “⮟” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the temperature value. If the HBS network consists of only one IDU, the timer area directly displays the temperature value in the “C14” interface. No matter Fahrenheit or Centigrade remote signals are received, the temperature is displayed in Centigrade. When the wired controller displays the inlet-tube temperature after receiving signals from the remote controller, the inlet-tube temperature of the IDU that has the minimum project number in the HBS network is displayed by default.

Parameter Code	Parameter Name	Parameter Range	View Method
C15	Temperature query for outlet temperature sensor of IDU	-9 to 99	Operation method: In “C15” status, press the “MODE” button to enter outlet temperature sensor query of IDU. Press “⮝” or “⮟” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the temperature value. If the HBS network consists of only one IDU, the timer area directly displays the temperature value in the “C14” interface. No matter Fahrenheit or Centigrade remote signals are received, the temperature is displayed in Centigrade. When the wired controller displays the inlet-tube temperature after receiving signals from the remote controller, the inlet-tube temperature of the IDU that has the minimum project number in the HBS network is displayed by default.
C16	Opening degrees query of electronic expansion valve of IDU	0-20	Operation method: In “C16” status, press the “MODE” button to enter electronic expansion valve opening degree query of IDU. Press “⮝” or “⮟” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the opening degree value. If the HBS network consists of only one IDU, the timer area directly displays the opening degree value of electronic expansion valve in the “C16” interface. When the wired controller displays the opening degree of electronic expansion valve after receiving signals from the remote controller, the opening degree of electronic expansion valve of the IDU that has the minimum project number in the HBS network is displayed by default.
n2	Capacity configuration ratio upper-limit of outdoor/IDU	35: 135% 50: 150%	Temperature area: displays the parameter code. Timer area: displays the setting value of capacity configuration ratio of the current outdoor/IDU.
n6	Historical fault query ingress of ODU	Five historical faults	Operation method: In “n6” status, press the “MODE” button to enter fault code query of ODU (when a wired controller controls multiple IDUs, only the faults memorized by the IDU that has the minimum project number can be queried). Press “⮝” or “⮟” to switch the fault SN. Press the “ENTER/CANCEL” button to return to the upper-level menu. Display mode: Temperature area: displays the fault SN and fault code from left to right (1-5, faults are arranged from the earliest to the latest). Timer area: displays the project number of the ODU.

<table>
<tr><th>Parameter Code</th><th>Parameter Name</th><th>Parameter Range</th><th>View Method</th></tr>
<tr><td>n7</td><td>Parameter query ingress of ODU</td><td>01-13
25-29</td><td>Operation method (n7 query is not supported for the slave wired controller):
In “n7” status, the timer area is not displayed. Press the “MODE” button to enter parameter query of ODU. The first bit in the temperature area (display bit of the ODU module ID) blinks. Press “▲” or “▼” to switch the ODU module ID. Press the “MODE” button to select an ODU module. In this case, the first bit in the temperature area stops blinking, and the second and third bits in the temperature area display the parameter code. The timer area displays a corresponding parameter value. Press “▲” or “▼” to switch the parameter code and press the “ENTER/CANCEL” button to return to the upper-level menu.
Display mode:
Temperature area: displays the ODU module ID and parameter code from left to right.
Timer area: displays a corresponding parameter value to the right.
<table>
<tr><th>Parameter Code</th><th>Parameter Name</th><th>Unit</th></tr>
<tr><td>01</td><td>Outdoor environment temperature</td><td>°C</td></tr>
<tr><td>02</td><td>Operation frequency of compressor 1</td><td>Hz</td></tr>
<tr><td>03</td><td>Operation frequency of compressor 2</td><td>Hz</td></tr>
<tr><td>04</td><td>Operation frequency of outdoor fan</td><td>Hz</td></tr>
<tr><td>05</td><td>Module high-pressure</td><td>°C</td></tr>
<tr><td>06</td><td>Module low-pressure</td><td>°C</td></tr>
<tr><td>07</td><td>Discharge temperature of compressor 1</td><td>°C</td></tr>
<tr><td>08</td><td>Discharge temperature of compressor 2</td><td>°C</td></tr>
<tr><td>09</td><td>Discharge temperature of compressor 3</td><td>°C</td></tr>
<tr><td>10</td><td>Discharge temperature of compressor 4</td><td>°C</td></tr>
<tr><td>11</td><td>Discharge temperature of compressor 5</td><td>°C</td></tr>
<tr><td>12</td><td>Discharge temperature of compressor 6</td><td>°C</td></tr>
<tr><td>13</td><td>Operation frequency of compressor 3</td><td>Hz</td></tr>
<tr><td>25</td><td>Outdoor unit heating EXV1
(Actual value = Displayed value * 10)</td><td>PLS</td></tr>
<tr><td>26</td><td>Outdoor unit heating EXV2
(Actual value = Displayed value * 10)</td><td>PLS</td></tr>
<tr><td>27</td><td>Subcooler EXV
(Actual value = Displayed value * 10)</td><td>PLS</td></tr>
<tr><td>28</td><td>Defrosting temperature</td><td>°C</td></tr>
<tr><td>29</td><td>Liquid-extracting temperature of subcooler</td><td>°C</td></tr>
<tr><td>30</td><td>Outlet temperature of accumulator</td><td>°C</td></tr>
<tr><td>31</td><td>Oil return temperature</td><td>°C</td></tr>
<tr><td>32</td><td>Inlet-tube temperature of condenser</td><td>°C</td></tr>
<tr><td>33</td><td>Outlet temperature of condenser</td><td>°C</td></tr>
</table>
</td></tr>
<tr><td>A6</td><td>Unit cooling/heating function</td><td>nA: cooling/ heating
nC: single-cooling
nH: single-heating
nF: air supply</td><td>Temperature area: displays the parameter code.
Timer area: displays the cooling/heating function setting value of the current unit.</td></tr>
</table>

<table>
<tr><th>Parameter Code</th><th>Parameter Name</th><th>Parameter Range</th><th>View Method</th></tr>
<tr><td>nb</td><td>Bar code query of IDU</td><td>0-9, A-Z, a-z, -</td><td>
Operation method (nb query is not supported for the slave wired controller):
In “nb” status, the timer area is not displayed. Press the “MODE” button to enter bar code query. The temperature area displays “nb” and the project number in the timer area blinks. Press “▲” or “▼” to switch the project number of IDU.
Press the “MODE” button to select an IDU. The temperature area displays “Un” and the timer area displays “-n”. Press “▲” or “▼” to display the entire-unit bar code and controller bar code of IDU. Press the “ENTER/CANCEL” button to return to the upper-level menu. The temperature area displays “nb” and the timer area displays the project number of the queried IDU. Press the “ENTER/CANCEL” button again to return to the upper-level menu.
Display mode:
Temperature area: displays nb/Un/Pc/bar code.
Timer area: displays -n/project number/bar code.
The following is an example:
<table>
<tr><th>Example</th><th>Temperature Area</th><th>Timer Area</th><th>Remark 1</th><th>Remark 2</th></tr>
<tr><td rowspan="3">Entire-init bar code of IDU N1r0128150066</td><td>Un (to the right)</td><td>-n (in the middle)</td><td>It indicates that the following is the entire-unit bar code of IDU.</td><td rowspan="6">Press “▼” to display downward and press “▲” to display upward.</td></tr>
<tr><td>N1r</td><td>0128</td><td>It indicates the former seven bits of the bar code.</td></tr>
<tr><td>150</td><td>066</td><td>It indicates the latter six bits of the bar code.</td></tr>
<tr><td rowspan="3">Controller bar code of IDU N1r0128150067</td><td>Pc</td><td>-n</td><td>It indicates that the following is the controller bar code of IDU.</td></tr>
<tr><td>N1r</td><td>0128</td><td>It indicates the former seven bits of the bar code.</td></tr>
<tr><td>150</td><td>067</td><td>It indicates the latter six bits of the bar code.</td></tr>
</table>
Note:
① Un indicates the entire-unit bar code of IDU and Pc indicates the controller bar code of IDU.
② When there is only one IDU, press the “MODE” button in “nb” status to enter bar code query without selecting the project number of IDU.
③ The system quits the query status if no operations are performed in 60 seconds.
④ The bar code query starts from the entire-unit bar code of IDU and ends at the controller bar code of IDU without circulation. That is, the query does not start again even if users press “▼”.
</td></tr>
</table>

Note:

In parameter query status, “FAN”, “TIMER”, “SLEEP”, and “SWING” are invalid. By pressing the “ON/OFF” button, users can return to the main interface but not power on/off the unit.

In parameter query status, signals of the remote controller are invalid.

9.1.6 Engineering Parameter Settings

Engineering parameters can be set in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds. The temperature area displays “C00”. Continuously press the “MODE” button for three times, and then press and hold the “FUNCTION” button for five seconds to enter the engineering parameter setting interface. The temperature area displays “P00”.

(2) Select a parameter code by pressing “∧” or “∨”. Press the “MODE” button to switch to parameter value settings. The parameter value blinks. Adjust the parameter value by pressing “∧” or “∨” and then press the “ENTER/CANCEL” button to complete settings.

(3) Press the “ENTER/CANCEL” button to return to the upper-level menu till quitting parameter settings.

In the engineering parameter setting interface, users can also set user parameters listed in Table 2.4

The engineering parameter setting list is as follows:

Table 2.4 Engineering Parameter Setting List

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P15	Power-down memory mode	00: standby after power-down recovery 01: restoring the original status after power-down recovery	00	—
P17	Historical fault clearing for IDU	00: not cleared 01: cleared	00	Historical faults of all IDUs controlled by the current wired controller are cleared.
P20	Environment temperature sensor settings for IDU	01: temperature sensor of air return vent 02: temperature sensor of wired controller 03: temperature sensor of air return vent for cooling, dehumidifying, and air supply; temperature sensor of wired controller for heating 04: temperature sensor of wired controller for cooling, dehumidifying, and air supply; temperature sensor of air return vent for heating	03	When there are master and slave wired controllers and the temperature sensor of wired controller is used, only the temperature sensor of the master wired controller is used by default. **Notes:** ① In automatic mode, the environment temperature sensor settings are invalid for a common IDU but the setting value is memorized. ② The environment temperature sensor settings are invalid for a fresh-air IDU. The temperature sensor of air return vent is used by default.

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P21	Corrected value of environment temperature sensor of IDU (for cooling, dehumidifying, and air supply)	-15 to +15	Temperature sensor of unit: 0°C; temperature sensor of wired controller: 0°C	Press "▲" or "▼" to add or reduce by 1°C.
P22	Corrected value of environment temperature sensor of IDU (for heating, fast heating, and air warming)	-15 to +15	Temperature sensor of unit: -2°C; temperature sensor of wired controller: 0°C	Press "▲" or "▼" to add or reduce by 1°C. The temperature sensor of unit and the temperature sensor of wired controller share the same corrected value. In heating mode, corrected value of temperature sensor of unit = corrected value of temperature sensor of wired controller - 2°C.
P32	Capacity adjustment function of IDU	-40% to +40%	00	Press "▲" or "▼" to add or reduce by 10%.
P35	Factory setting recovery for user functions	00: invalid 01: valid	00	Select "01" and then press and hold the "ENTER/CANCEL" button to restore the factory settings for user functions (factory setting recovery fails if remote shielding is valid).
P36	Factory setting recovery for engineering settings	00: invalid 01: valid	00	Select "01" and then press and hold the "ENTER/CANCEL" button to restore the factory status for engineering settings (factory setting recovery fails if remote shielding is valid).
P40	Prevention for heat collection	00: disabled 10: 10s 20: 20s 30: 30s 40: 40s 50: 50s 60: 60s	00	It indicates the number of seconds for enabling the low-level fan every 15min.
P41	Longest defrosting time setting for outdoor unit	10/15/20：10/15/20min	15	—
P42	Project number settings of IDU	1-255	Automatically generated upon the initial system operation	In "P42" status, press the "MODE" button to enter the setting menu. The project number blinks in the timer area. Press "▲" or "▼" to adjust the project number. Press the "ENTER/CANCEL" button to confirm settings and return to the upper-level menu.
P45	One-key project number reset for IDU	00: invalid 01: valid	00	When it is set to "01", the wired controller initiates an IDU project number reset command.
P48	Minimum opening degree setting for heating breakdown of IDU expansion valves	00: automatically controlled 1-500	—	After the default minimum opening degree for heating breakdown is manually modified, the opening degree remains unchanged upon heating breakdown.
P53	AHU-KIT linkage function setting	00：invalid 01：valid	00	When setting "01", multiple AHU-KIT can operate simultaneously.

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P55	Static pressure settings for DC Fresh Air Indoor Unit	Setting range: 01、02、03、04、05、06、07、08、09、10、11、12、13	08	Only applicable to DC Fresh Air Indoor Unit.
P56	Fan status setting under heating mode	00：OFF； 01：fan speed setting；	00	It's the fan status when heating to the temperature point. When setting "01", the fan operates according to the set fan speed. Only applicable for AHU-KIT indoor unit.
P60	AHU-KIT working method setting	00：air-return type 01：fresh air type	—	Only applicable for AHU-KIT indoor unit.
P66	Flag bit for unit of dual heat source	01: cancel the setting of dual heat source for the indoor unit 02: set the indoor unit as dual heat source 03: cancel the setting of dual heat source for all units 04: set all units as dual heat source	01	—
P75	Fan speed setting when heating thermostat is OFF	00:LL speed 01:OFF	00	Only valid for the cassette type unit
P80	Display temperature setting	00:display setting temperature 01:display ambient temperature	00	—
P81	Functional setting of lifting panel	00: invalid 01: valid	00	Only valid for the 360° air discharge cassette type.
n0	System conservation operation settings	00: comfortability preferred 01: conservation preferred	00	—
n1	Defrosting period settings	40: 40min 50: 50min 60: 60min	50	—
n3	Forcible defrosting	00: common 01: forcible defrosting	—	After settings, it automatically restores to "00".
n4	Highest capacity output limitation settings for ODU	08: 80% 09: 90% 10: 100%	10	Enter query in "n4" status. The temperature area displays the function code and the timer area displays the corresponding function setting value.
A7	Silent function of ODU	00: no silent function 01-09: intelligent nighttime silent mode 10-12: forcible silent mode	00	Enter query in "A7" status. The temperature area displays the function code and the timer area displays the corresponding function setting value.
P47, P52-53, P57-59, P61-62, P67-68, P70, P79, qb, 4d, 4L are reserved code. Please do not set it.				

Note:

In parameter setting status, "FAN", "TIMER", "SLEEP", and "SWING" are invalid. By pressing the "ON/OFF" button, users can return to the main interface but not power on/off the unit.

In parameter setting status, signals of the remote controller are invalid.

9.1.7 Failure Display

When a fault occurs during the system operation, the temperature area of wired controller displays the fault code. When multiple faults occur, fault codes are circularly displayed.

When a fault occurs, power off the unit and ask for professional maintenance personnel for help.

The following figure shows the power-on high-pressure protection fault interface.

Power-on High-pressure Protection Fault Interface

Note:

If the IDU connected with the current wired controller is a fresh-air IDU, “FAP” is displayed on the main interface of the wired controller. Only the outlet temperature can be set for the fresh-air IDU. For the setting method, see the “IDU Function Settings” section.

9.2 Engineering Application Functions Operated through the XK79 Wired Controller

9.2.1 Master IDU Settings

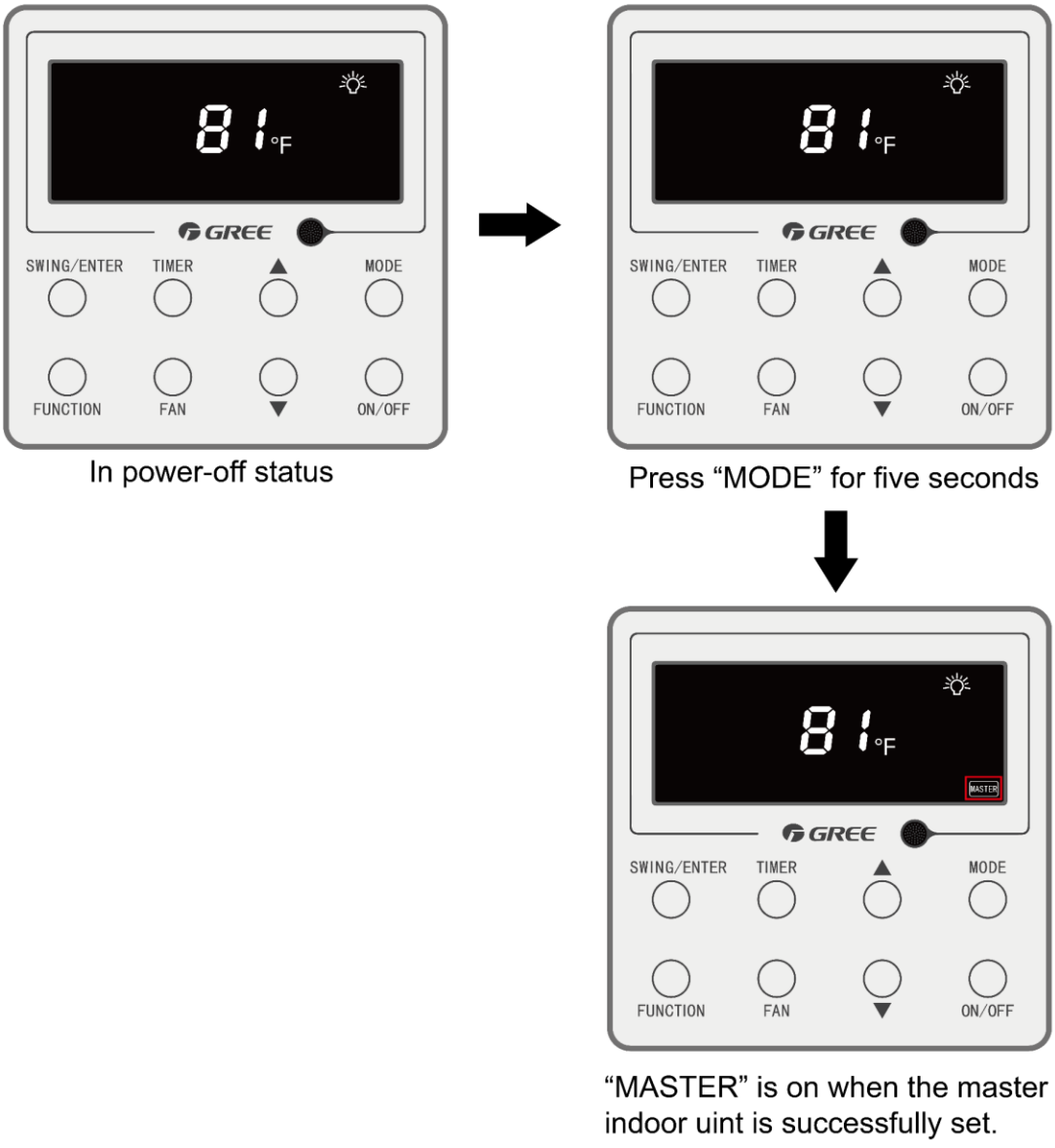
The master IDU can be set through the wired controller or remote controller. The methods for setting the master IDU through the wired controller are as follows:

Method 1:

Step 1: Set an IDU to power-off status.

Step 2: Press and hold the “MODE” button on the wired controller for more than five seconds.

Step 3: Check whether the setting is successful. If it is, “MASTER” on the wired controller will be on. Otherwise, repeat steps 1 and 2.



Method 2:

Step 1: Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface.

Step 2: Press and hold the “FUNCTION” button for five seconds in “C00” status to enter the parameter setting interface.

Step 3: Press “▲” or “▼” to switch level 2 parameter codes till “P10” is displayed on the temperature area.

Step 4: Press the “MODE” button to set the parameter to “01” and then Press the “SWING/ENTER” button. If the setting is successful, “MASTER” on the wired controller will be on.

Master IDU Display:

① For IDUs connected with wired controllers, “MASTER” on the wired controller connected with the master IDU will be on.

② For IDUs embedded or connected with LED panels, the operation LED on the LED panel of the master IDU will blink three times.

Note:

After the master IDU is successfully set, stick the “

” flag to the wired controller or unit panel for convenience of user operation and engineering maintenance. This flag is placed in the package bag of the ODU.

9.2.2 User Parameter Query

User parameters can be queried in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds to enter the user parameter query interface. The temperature area displays “C00” and “View” is on.

(2) Select a parameter code by pressing “▲” or “▼”.

(3) Press the “SWING/ ENTER” button to return to the upper-level menu till quitting parameter query.

(4) For the user parameter query list of the XK79 wired controller, refer to the user parameter query list in XK46 user parameter query.

Note:

In parameter query, the function of “SWING/ ENTER” on the XK79 wired controller is equivalent to the function of “ENTER/CANCEL” on the XK46 wired controller.

9.2.3 User Parameter Settings

User parameters can be set in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds. The temperature area displays “C00”. Press and hold the “FUNCTION” button for another five seconds to enter the wired controller user parameter setting interface. The temperature area displays “P00”.

(2) Select a parameter code by pressing “▲” or “▼”. Press the “MODE” button to switch to parameter value settings. The parameter value blinks. Adjust the parameter value by pressing “▲” or “▼” and then press the “SWING/ ENTER” button to complete settings.

(3) Press the “SWING/ ENTER” button to return to the upper-level menu till quitting parameter settings.

(4) For the user parameter setting list of the XK79 wired controller, refer to the user setting query list in XK46 user parameter settings.

Note:

In parameter settings, the function of “SWING/ ENTER” on the XK79 wired controller is equivalent to the function of “ENTER/CANCEL” on the XK46 wired controller.

9.2.4 Engineering Parameter Query

Engineering parameters can be queried in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds to enter the engineering parameter query interface. The temperature area displays “C00” and “VIEW” is on.

(2) In “C00” status, continuously press the “MODE” button for three times to enter engineering parameter query.

(3) Select a parameter code by pressing “▲” or “▼”.

(4) Press the “SWING/CANCEL” button to return to the upper-level menu till quitting parameter query.

(5) For the engineering parameter query list of the XK79 wired controller, refer to the engineering parameter query list in XK46 engineering parameter query.

Note:

In parameter query, the function of “SWING/CANCEL” on the XK79 wired controller is equivalent to the function of “ENTER/CANCEL” on the XK46 wired controller.

9.2.5 Engineering Parameter Settings

Engineering parameters can be set in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds. The temperature area displays “C00”. Continuously press the “MODE” button for three times, and then press and hold the “FUNCTION” button for another five seconds to enter the wired controller engineering parameter setting interface. The temperature area displays “P00”.

(2) Select a parameter code by pressing “▲” or “▼”. Press the “MODE” button to switch to parameter value settings. The parameter value blinks. Adjust the parameter value by pressing “▲” or “▼” and then press the “SWING/CANCEL” button to complete settings.

(3) Press the “SWING/CANCEL” button to return to the upper-level menu till quitting parameter settings.

For the engineering parameter setting list of the XK79 wired controller, refer to the engineering setting query list in XK46 engineering parameter settings.

Note:

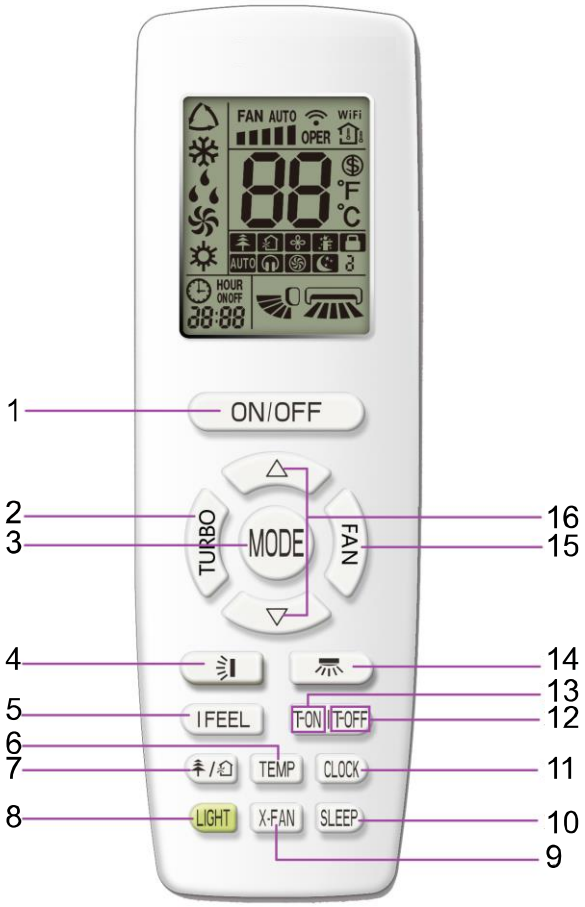
In parameter settings, the function of “SWING/CANCEL” on the XK79 wired controller is equivalent to the function of “ENTER/CANCEL” on the XK46 wired controller.

9.3 Engineering Application Functions Operated through the Remote Controller

9.3.1 Remote Controller YAP1F

The YAP1F remote controller only provides engineering application functions for setting the master IDU. For other user operation functions, refer to the “*Remote Controller Operating Instructions”*.

The method for setting the master IDU through the YAP1F remote controller is as follows:



No.	Button name	Function
1	ON/OFF	Turn on or turn off the unit
2	TURBO	Set turbo function
3	MODE	Set operation mode
4		Set up&down swing status
5	I FEEL	Set I FEEL function
6	TEMP	Switch temperature displaying type on the unit's display
7		Set health function and air function
8	LIGHT	Set light function
9	X-FAN	Set X-FAN function
10	SLEEP	Set sleep function
11	CLOCK	Set clock of the system
12	TOFF	Set timer off function
13	TON	Set timer on function
14		Set left&right swing status
15	FAN	Set fan speed
16	△/▽	Set temperature and time

(For details about the above figures, refer to the instructions 66174100016).

Perform settings by pressing "▲" and "▼" in air supply mode:

① Set the temperature to 30°C.

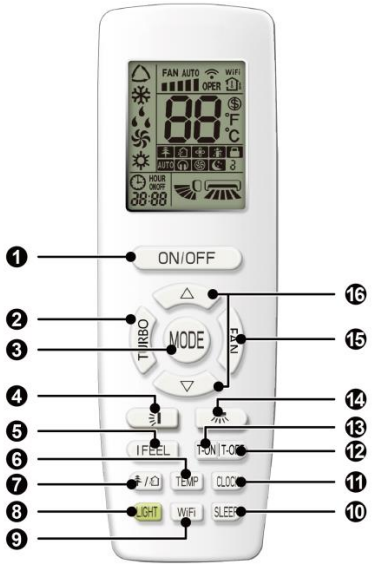
② Press "▼" and then "▲" in five seconds. Repeat this operation for three times.

After successful settings, “UC” is displayed on the receiving indicator panel of the remote controller for five seconds and “MASTER or ” is displayed on the wired controller.

9.3.2 Remote Controller YAP1F7

The YAP1F7 remote controller only provides engineering application functions for setting the master IDU. For other user operation functions, refer to the “*Remote Controller Operating Instructions”*.

The method for setting the master IDU through the YAP1F7 remote controller is as follows:



Button name and function introduction

No.	Button name	Function
1	ON/OFF	Turn on or turn off the unit
2	TURBO	Set turbo function
3	MODE	Set operation mode
4		Set up & down swing status
5	I FEEL	Set I FEEL function
6	TEMP	Switch temperature displaying type on the unit’s display
7		Set health function and air function
8	LIGHT	Set light function
9	WiFi	Set WiFi function
10	SLEEP	Set sleep function
11	CLOCK	Set clock of the system
12	T-OFF	Set timer off function
13	T-ON	Set timer on function
14		Set left & right swing status
15	FAN	Set fan speed
16	△/▽	Set temperature and time

(For details about the above figures, refer to the instructions 600005064683).

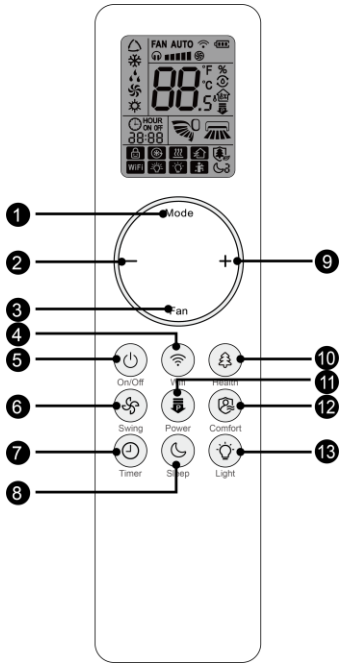
Perform settings by pressing “▲” and “▼” in air supply mode:

① Set the temperature to 30°C.

② Press “▼” and then “▲” in five seconds. Repeat this operation for three times.

After successful settings, “UC” is displayed on the receiving indicator panel of the remote controller for five seconds and “MASTER or ” is displayed on the wired controller.

9.3.2 Remote Controller YBE1FB17



Button name and function introduction

No.	Button name	Function
1	MODE	Set operation mode
2	-	Set temperature and time
3	FAN	Set fan speed
4		Reset WIFI function
5		Turn on or turn off the unit
6		Set swing angle
7		Set timer function
8		Set sleep function
9	+	Set temperature and time
10		Set health function and air function
11		Power limiting operation
12		Set comfort function
13		Set light function
NOTE: VRF unit doesn't have power limiting operation and WiFi function.		

9.4 Engineering Application Functions Operated through the XE7A-23/H、XE7A-23/HC、XE7A-24/H、XE7A-24/HC Wired Controller

9.4.1 Master IDU Settings

The master IDU can be set through the wired controller or remote controller. The methods for setting the master IDU through the wired controller are as follows:

Method 1:

Step 1: Set an IDU to power-off status.

Step 2: Press and hold the “MODE” button on the wired controller for more than five seconds.

Step 3: Check whether the setting is successful. If it is, “” on the wired controller will be on. Otherwise, repeat steps 1 and 2.

Method 2:

Step 1: Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface.

Step 2: Press and hold the “FUNCTION” button for five seconds in “C00” status to enter the parameter setting interface.

Step 3: Press “+” or “-” to switch level 2 parameter codes till “P10” is displayed on the temperature area.

Step 4: Press the “MODE” button to set the parameter to “01” and then Press the “ENTER” button. If the setting is successful, “” on the wired controller will be on.

Master IDU Display

① For IDUs connected with wired controllers, “” on the wired controller connected with the master IDU will be on.

② For IDUs embedded or connected with LED panels, the operation LED on the LED panel of the master IDU will blink three times.

9.4.2 Project number Query and Settings

(1) Project number query of a single IDU

Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface “C00”. The timer area of the wired controller displays the project number of the current IDU. Synchronously, the double-eight digital LED of the IDU embedded or connected with an LED panel displays its own project number. If the current wired controller works in one-to-many mode, the timer area displays the IDU that has the minimum project number.

(2) Project number of multiple IDUs

Project number query of IDUs in one-to-many mode: Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface “C00”. Press “+” to switch to “C01”. Press the “MODE” button to enter query. The timer area displays the project numbers of IDUs from small to large. Press “+” or “-” to switch project numbers. Synchronously, the double-eight digital LED of the IDU embedded or connected with an LED panel displays its own project number.

Note:

It is normal if the buzzer of the IDU operated by the wired controller rings. The purpose of ringing the buzzer is to facilitate engineering commissioning personnel to locate the IDU, especially for the IDU without any LED panel because it cannot display its project number.

Project number query of IDUs in the entire communication network: Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface “C00”. Press “+” to switch to “C18”. Press the “MODE” button to enter query. The timer area of each wired controller in the entire network displays the project number of the corresponding IDU. Synchronously, the double-eight digital LED of each IDU embedded or connected with an LED panel displays its own project number.

Method for quitting query:

- Quit the “C18” query interface.
- Press the “⏻” button on any wired controller in the network.

(3) Project number settings of IDU

Press and hold the “FUNCTION” button for five seconds in power-on or power-off status to enter the parameter query interface “C00”. Continuously press the “MODE” button for three times, and then press and hold the “FUNCTION” button for five seconds to enter the engineering parameter setting interface. The temperature area displays “P00”. Press “+” to switch to “P42”.

- Single IDU: Press the “MODE” button. The project number blinks in the timer area. Press “+” or “-” to adjust the project number, and then Press the “ENTER” button to confirm and return to the upper-level menu.
- One-to-many: Press the “MODE” button to enter the IDU selection menu. Press “+” or “-” to switch IDUs. Press the “MODE” button to set the project number of the current IDU in the same method as above.

9.4.3 User Parameter Query

User parameters can be queried in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds to enter the user parameter query interface. The temperature area displays “C00”.

(2) Select a parameter code by pressing “+” or “-”.

(3) Press the “ENTER” button to return to the upper-level menu till quitting parameter query.

The user parameter query list is as follows:

Parameter code	Parameter name	Parameter range	Viewing method
C01	View the project number of indoor unit and locate the faulted indoor unit	1-255; Project number of online indoor unit	Press “MODE” button in “C01” status. Press “+” or “-” button to select the project number of indoor unit. The current selected indoor unit will beep. Temperature zone: displays error codes of the current indoor unit. Timer zone: displays present indoor unit project number. **NOTES:** ① System will not exit “C01” viewing automatically. User has to exit this interface manually. ② Partial units which have no buzzer will not beep.
C03	View the indoor unit quantity of the system network*	1-100	Timer zone: display indoor unit quantity of the system.
C06	View priority operation*	00: normal operation 01: priority operation	Operation method: Enter viewing: press “MODE” button in “C06” status to enter the interface of viewing priority operation. Press “+” or “-” button to select indoor unit. Display method: Temperature zone: displays current indoor unit project number. Timer zone: displays current priority operation setting value of indoor unit.
C07	View indoor ambient temperature	—	Enter viewing: press “MODE” button in “C07” status. Press “+” or “-” button to select indoor unit. Temperature zone: displays current indoor unit project number; Timer zone: displays indoor ambient temperature.
C08	View Filter Clean Reminder time	4-416: days	Timer zone: displays Filter Clean Reminder time.
C09	View address of wired controller	01, 02	Timer zone: displays the address of wired controller.
C11	View the indoor unit quantity	1-16	Timer zone: displays the indoor unit quantity controlled by the wired controller.
C12	View outdoor ambient temperature	—	Timer zone: displays outdoor ambient temperature.

Parameter code	Parameter name	Parameter range	Viewing method
C17	View indoor relative humidity	0~100: relative humidity 0%~100%	Press “MODE” button to enter into the review interface of indoor relative humidity under “C17” status. Press “+” or “-” button to switch the number of indoor unit. Temp area: display current indoor unit’s project number. Timer zone: display indoor relative humidity.
C18	One-button viewing of indoor unit project number*	1-255: Project Number of online indoor unit	Press “MODE” button in “C18” status to turn on the function of one-button viewing indoor unit project code. Press “+” or “-” button to select the indoor unit. Temperature zone: displays number of the current indoor unit Timer zone: displays project number of indoor unit. **NOTES:** ① After turning on the one-button viewing function, each wired controller of the entire system will display the project number of its controlling indoor unit on its timer zone. ② Slave wired controller cannot view “C18”.
C18	One-button viewing of indoor unit project number*	1-255: Project Number of online indoor unit	Cancel method: 1) If user exits the “C18” interface manually, the one-button viewing function will be immediately turned off. 2) If system exits the “C18” interface due to no action in 20 seconds, user has to press the “⏻” button under on/off status to cancel this function. 3) After the one-button viewing function is turned on, pressing the “⏻” button of any wired controller of the same system network under on/off status will cancel this function.
C20	View the air outlet temperature of Fresh Air Indoor Unit*	—	Enter viewing, short-press “MODE” button in “C20” status. Press “+” or “-” button to select the indoor unit. Temperature zone: displays current indoor unit project number Timer zone: displays air outlet temperature of Fresh Air Indoor Unit **NOTE:** Only applicable to Fresh Air Indoor Unit.
C23	Version inquiry	—	Timer zone: program version of the current wired controller.

NOTES:

① Under parameter viewing status, “FAN”, “TIMER”, and “SWING” buttons are invalid. Press“⏻” button to go back to the homepage, while not to turn on/off the unit.

② Under parameter viewing status, the signal from remote controller is invalid.

9.4.4 User Parameter Settings

User parameters can be set in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds. The temperature area displays “C00”. Press and hold the “FUNCTION” button for another five seconds to enter the wired controller

parameter setting interface. The temperature area displays “P00”.

(2) Select a parameter code by pressing “+” or “-”. Press the “MODE” button to switch to parameter value settings. The parameter value blinks. Adjust the parameter value by pressing “+” or “-” and then press the “ENTER” button to complete settings.

(3) Press the “ENTER” button to return to the upper-level menu till quitting parameter settings.

The user parameter setting list is as follows:

Parameter code	Parameter name	Parameter range	Default value	Note
P10	Set master indoor unit*	00: do not change current master/slave state 01: set current indoor unit as master indoor unit	00	When set the corresponding indoor unit of wired controller as master indoor unit, the “⟲” icon will be bright after finishing setting. **NOTE:** not applicable to partial units.
P11	Set infrared receiver of wired controller	00: forbidden 01: activated	01	—
P13	Set address of wired controller	01: master wired controller 02: slave wired controller	01	Assistant wired controller (02) is without unit parameter setting function except setting its address.
P14	Set quantity of group control indoor units	00: forbid this function 01-16: indoor unit quantity	01	Set the corresponding value according to the connected indoor unit quantity.
P16	Set unit of temperature	00:Celsius 01:Fahrenheit	00	—
P30	Set static pressure of indoor fan motor	01-09: static pressure level of indoor fan motor	05	—
P31	High ceiling installation*	00: standard ceiling 01: high ceiling	00	Only applicable to partial cassette units.
P33	Set Timer*	00: general timer 01: clock timer	00	**NOTE:** not applicable to partial units.
P34	Clock Timer repetition is valid*	00: once 01: repeat everyday	01	Available only when timer is set to clock timer. **NOTE:** not applicable to partial units.
P37	Cooling setting temperature under auto mode*	17°C~30°C (63°F~86°F)	25°C (77°F)	When the temperature unit is °C, cooling setting temperature minus heating setting temperature≥1°C. When the temperature unit is °F, cooling setting temperature minus heating setting temperature≥2°F.
P38	Heating setting temperature under auto mode*	16°C~29°C (61°F~84°F)	20°C (68°F)	
P43	Set priority operation*	00: normal operation 01: priority operation	00	When power supply is insufficient, the indoor units which are set to priority operation can operate, while other indoor units are forced to be turned off.
P46	Clear Filter Clean accumulated time	00: do not clear 01: clear	00	—

Parameter code	Parameter name	Parameter range	Default value	Note
P49	Opening angle of indoor unit air-return plate*	01: angle 1(25°) 02: angle 2(30°) 03: angle 3(35°)	02	Only applicable to units with air-return plate.
P50	Air outlet temperature setting for Fresh Air Indoor Unit in cooling*	16°C~30°C (61°F~86°F)	18°C (64°F)	Only applicable to Fresh Air Indoor Unit.
P51	Air outlet temperature setting for Fresh Air Indoor Unit in heating*	16°C~30°C (61°F~86°F)	22°C (71°F)	Only applicable to Fresh Air Indoor Unit.
P54	Union setting of Fresh Air Indoor Unit*	00: without union control 01: with union control	00	After union function is set, Fresh Air Indoor Unit will be turned on/off following the on/off status of common indoor unit. **NOTE:** only applicable to Fresh Air Indoor Unit.
P71	Set Setback Function	00: forbidden 01: activated	00	—
P72	Temperature upper limit for Setback Function	20~30°C (68~86°F)	26°C (79°F)	When temperature unit is °C, temperature upper limit – temperature lower limit ≥ 4°C; When temperature unit is °F, temperature upper limit – temperature lower limit ≥7°F.
P73	Temperature lower limit for Setback Function	16~26°C (61~79°F)	20°C (68°F)	
P74	When inserting the card, whether to resume to previous status	00: no 01: yes	01	When it is set as 00, it will keep the status after inserting the gate control card, that is, if it is OFF status when pulling out the card, when inserting the card, it is still OFF status.
P76	PM2.5 filter function*	00: invalid 01: valid	00	—
P78	Cold air prevention time setting of indoor unit*	00: 180s 01: 300s 02: 420s 03: 600s	00	—
P82	Set time format	00: 24-hour 01: 12-hour	00	When it is set as 01 and the timer setting way is clock timer, the system time in the homepage will be displayed in 12 hour-clock with the AM/PM indicator.
P83	Temperature control method under cooling mode	00: Ambient temperature control 01:Temperature and humidity correction control	Depen-ding on Indoor unit	**NOTE:** Only applicable to the unit which is with temperature and humidity correction control function
P84	Dry mode control method	00: Temperature control 01: Humidity control	00	**NOTE:** Only applicable to the unit with humidity control function under Dry mode.
P85	Set temperature of humidity control under Dry mode	10℃~30℃ (50°F~86°F)	16℃ (61°F)	**NOTE:** Only applicable to the unit with humidity control function under Dry mode.
P86	Auto clean mode	01: Normal 02: Quick 03: Deep	01	**NOTE:** Only applicable to the unit with auto clean function.

Parameter code	Parameter name	Parameter range	Default value	Note
P87	Interval of Set temperature in Celsius	00: 1°C 01: 0.5°C	01	01: The set temperature will be adjusted at 0.5°C. 00: The set temperature will be adjusted at 1°C.

NOTES:

① Under parameter setting status, “FAN”, “TIMER” and “SWING” button are invalid. Press“⏻” button to go back to home page, but not turning on/off the unit.

② Under parameter setting status, the signal from remote controller is invalid.

9.4.5 Engineering Parameter Query

Engineering parameters can be queried in power-on or power-off status.

Press and hold the “FUNCTION” button for five seconds to enter the engineering parameter query interface. The temperature area displays “C00”.

(1) Within five seconds after “C00” is displayed, continuously press the “MODE” button for three times in an interval less than one second to enter engineering parameter query.

(2) Select a parameter code by pressing “+” or “-”.

(3) Press the “ENTER” button to return to the upper-level menu till quitting parameter query.

In the engineering parameter query interface, users can also query user parameters listed in table as follows.

The engineering parameter query list is as follows:

Parameter Code	Parameter Name	Parameter Range	View Method
C00	Parameter setting ingress (default)	—	Display mode: Timer area: displays the project number of the current IDU. Note: If the current HBS network consists of multiple IDUs, only the IDU that has the minimum project number is displayed.
C02	Indoor unit capacity query	—	Operation method: In “C02” status, press the “MODE” button to enter the preferential operation query interface. Press “+” or “-” to switch the project number of IDU. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the current IDU capacity/IDU capacity after adjustment.
C04	Project number query of master IDU	1-255: project number 00: no master IDU	Timer area: displays the project number of the master IDU/00.

Parameter Code	Parameter Name	Parameter Range	View Method
C05	Historical fault query ingress of IDU	Five historical faults	Operation method: 1. In “C05” status, press the “MODE” button to enter the historical fault query interface. Press “+” or “-” to switch the project number of IDU. Press the “MODE” button to enter fault code query of the current IDU. Press “+” or “-” to switch the fault SN. Press the “ENTER” button to return to the upper-level menu. Display mode: Temperature area: displays the fault SN and fault code. Timer area: displays the project number of IDU.
C10	Static pressure setting query of ODU	00: 0 Pa 20: 20 Pa 50: 50 Pa 82: 82 Pa	Operation method: In “C10” status, press the “MODE” button to enter static pressure setting query of ODU. Press “+” or “-” to switch the ODU address. Display mode: Temperature area: displays the address of the current ODU. Timer area: displays the static pressure setting value.
C13	Outdoor unit network number query	1-255	Timer area: displays the network number of the current ODU.
C14	Temperature query for inlet-tube temperature sensor of IDU	-9 to 99	Operation method: In “C14” status, press the “MODE” button to enter inlet-tube temperature sensor query of IDU. Press “+” or “-” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the temperature value. If the HBS network consists of only one IDU, the timer area directly displays the temperature value in the “C14” interface. No matter Fahrenheit or Centigrade remote signals are received, the temperature is displayed in Centigrade. When the wired controller displays the inlet-tube temperature after receiving signals from the remote controller, the inlet-tube temperature of the IDU that has the minimum project number in the HBS network is displayed by default.
C15	Temperature query for outlet temperature sensor of IDU	-9 to 99	Operation method: In “C15” status, press the “MODE” button to enter outlet temperature sensor query of IDU. Press “+” or “-” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the temperature value. If the HBS network consists of only one IDU, the timer area directly displays the temperature value in the “C15” interface. No matter Fahrenheit or Centigrade remote signals are received, the temperature is displayed in Centigrade. When the wired controller displays the inlet-tube temperature after receiving signals from the remote controller, the inlet-tube temperature of the IDU that has the minimum project number in the HBS network is displayed by default.

Parameter Code	Parameter Name	Parameter Range	View Method
C16	Opening degrees query of electronic expansion valve of IDU	0-20	Operation method: In “C16” status, press the “MODE” button to enter electronic expansion valve opening degree query of IDU. Press “+” or “-” to switch the IDU SN. Display mode: Temperature area: displays the project number of the current IDU. Timer area: displays the opening degree value. If the HBS network consists of only one IDU, the timer area directly displays the opening degree value of electronic expansion valve in the “C16” interface. When the wired controller displays the opening degree of electronic expansion valve after receiving signals from the remote controller, the opening degree of electronic expansion valve of the IDU that has the minimum project number in the HBS network is displayed by default.
n2	Capacity configuration ratio upper-limit of outdoor/IDU	35: 135% 50: 150%	Temperature area: displays the parameter code. Timer area: displays the setting value of capacity configuration ratio of the current outdoor/IDU.
n6	Historical fault query ingress of ODU	Five historical faults	Operation method: In “n6” status, press the “MODE” button to enter fault code query of ODU (when a wired controller controls multiple IDUs, only the faults memorized by the IDU that has the minimum project number can be queried). Press “+” or “-” to switch the fault SN. Press the “ENTER” button to return to the upper-level menu. Display mode: Temperature area: displays the fault SN and fault code from left to right (1-5, faults are arranged from the earliest to the latest). Timer area: displays the project number of the ODU.

<table>
<tr><th>Parameter Code</th><th>Parameter Name</th><th>Parameter Range</th><th>View Method</th></tr>
<tr><td>n7</td><td>Parameter query ingress of ODU</td><td>01-13
25-29</td><td>Operation method (n7 query is not supported for the slave wired controller):
In “n7” status, the timer area is not displayed. Press the “MODE” button to enter parameter query of ODU. The first bit in the temperature area (display bit of the ODU module ID) blinks. Press “+” or “-” to switch the ODU module ID. Press the “MODE” button to select an ODU module. In this case, the first bit in the temperature area stops blinking, and the second and third bits in the temperature area display the parameter code. The timer area displays a corresponding parameter value. Press “+” or “-” to switch the parameter code and press the “ENTER” button to return to the upper-level menu.
Display mode:
Temperature area: displays the ODU module ID and parameter code from left to right.
Timer area: displays a corresponding parameter value to the right.
<table>
<tr><th>Parameter Code</th><th>Parameter Name</th><th>Unit</th></tr>
<tr><td>01</td><td>Outdoor environment temperature</td><td>°C</td></tr>
<tr><td>02</td><td>Operation frequency of compressor 1</td><td>Hz</td></tr>
<tr><td>03</td><td>Operation frequency of compressor 2</td><td>Hz</td></tr>
<tr><td>04</td><td>Operation frequency of outdoor fan</td><td>Hz</td></tr>
<tr><td>05</td><td>Module high-pressure</td><td>°C</td></tr>
<tr><td>06</td><td>Module low-pressure</td><td>°C</td></tr>
<tr><td>07</td><td>Discharge temperature of compressor 1</td><td>°C</td></tr>
<tr><td>08</td><td>Discharge temperature of compressor 2</td><td>°C</td></tr>
<tr><td>09</td><td>Discharge temperature of compressor 3</td><td>°C</td></tr>
<tr><td>10</td><td>Discharge temperature of compressor 4</td><td>°C</td></tr>
<tr><td>11</td><td>Discharge temperature of compressor 5</td><td>°C</td></tr>
<tr><td>12</td><td>Discharge temperature of compressor 6</td><td>°C</td></tr>
<tr><td>13</td><td>Operation frequency of compressor 3</td><td>Hz</td></tr>
<tr><td>25</td><td>Outdoor unit heating EXV1
(Actual value = Displayed value * 10)</td><td>PLS</td></tr>
<tr><td>26</td><td>Outdoor unit heating EXV2
(Actual value = Displayed value * 10)</td><td>PLS</td></tr>
<tr><td>27</td><td>Subcooler EXV
(Actual value = Displayed value * 10)</td><td>PLS</td></tr>
<tr><td>28</td><td>Defrosting temperature</td><td>°C</td></tr>
<tr><td>29</td><td>Liquid-extracting temperature of subcooler</td><td>°C</td></tr>
<tr><td>30</td><td>Outlet temperature of accumulator</td><td>°C</td></tr>
<tr><td>31</td><td>Oil return temperature</td><td>°C</td></tr>
<tr><td>32</td><td>Inlet-tube temperature of condenser</td><td>°C</td></tr>
<tr><td>33</td><td>Outlet temperature of condenser</td><td>°C</td></tr>
</table>
</td></tr>
<tr><td>A6</td><td>Unit cooling/heating function</td><td>nA: cooling/ heating
nC: single-cooling
nH: single-heating
nF: air supply</td><td>Temperature area: displays the parameter code.
Timer area: displays the cooling/heating function setting value of the current unit.</td></tr>
</table>

<table>
<tr><th>Parameter Code</th><th>Parameter Name</th><th>Parameter Range</th><th>View Method</th></tr>
<tr><td>nb</td><td>Bar code query of IDU</td><td>0-9, A-Z, a-z, -</td><td>
Operation method (nb query is not supported for the slave wired controller):
In “nb” status, the timer area is not displayed. Press the “MODE” button to enter bar code query. The temperature area displays “nb” and the project number in the timer area blinks. Press “+” or “-” to switch the project number of IDU.
Press the “MODE” button to select an IDU. The temperature area displays “Un” and the timer area displays “-n”. Press “+” or “-” to display the entire-unit bar code and controller bar code of IDU. Press the “ENTER” button to return to the upper-level menu. The temperature area displays “nb” and the timer area displays the project number of the queried IDU. Press the “ENTER” button again to return to the upper-level menu.
Display mode:
Temperature area: displays nb/Un/Pc/bar code.
Timer area: displays -n/project number/bar code.
The following is an example:
<table>
<tr><th>Example</th><th>Temperature Area</th><th>Timer Area</th><th>Remark 1</th><th>Remark 2</th></tr>
<tr><td rowspan="4">Entire-init bar code of IDU N1r0128150066</td><td>Un</td><td>-n</td><td>It indicates that the following is the entire-unit bar code of IDU.</td><td rowspan="8">Press “+” to display downward and press “-” to display upward.</td></tr>
<tr><td>N1r</td><td>01</td><td>It indicates the former five bits of the bar code.</td></tr>
<tr><td>281</td><td>50</td><td>It indicates the middle five bits of the bar code.</td></tr>
<tr><td>066</td><td></td><td>It indicates the latter bits of the bar code.</td></tr>
<tr><td rowspan="4">Controller bar code of IDU N1r0128150067</td><td>Pc</td><td>-n</td><td>It indicates that the following is the controller bar code of IDU.</td></tr>
<tr><td>N1r</td><td>01</td><td>It indicates the former five bits of the bar code.</td></tr>
<tr><td>281</td><td>50</td><td>It indicates the middle five bits of the bar code.</td></tr>
<tr><td>067</td><td></td><td>It indicates the latter bits of the bar code.</td></tr>
</table>
Note:
① Un indicates the entire-unit bar code of IDU and Pc indicates the controller bar code of IDU.
② When there is only one IDU, press the “MODE” button in “nb” status to enter bar code query without selecting the project number of IDU.
③ The system quits the query status if no operations are performed in 60 seconds.
④ The bar code query starts from the entire-unit bar code of IDU and ends at the controller bar code of IDU without circulation. That is, the query does not start again even if users press “+”.
</td></tr>
</table>

NOTES:

① Under parameter viewing status, “FAN”, “TIMER”, and “SWING” buttons are invalid. Press“⏻” button to go back to the homepage, while not to turn on/off the unit.

② Under parameter viewing status, the signal from remote controller is invalid.

9.4.6 Engineering Parameter Settings

Engineering parameters can be set in power-on or power-off status.

(1) Press and hold the “FUNCTION” button for five seconds. The temperature area displays “C00”. Continuously press the “MODE” button for three times, and then press and hold the “FUNCTION” button for five seconds to enter the engineering parameter setting interface. The temperature area displays “P00”.

(2) Select a parameter code by pressing “+” or “-”. Press the “MODE” button to switch to parameter value settings. The parameter value blinks. Adjust the parameter value by pressing “+” or “-” and then press the “ENTER” button to complete settings.

(3) Press the “ENTER” button to return to the upper-level menu till quitting parameter settings.

In the engineering parameter setting interface, users can also set user parameters listed in table as follows.

The engineering parameter setting list is as follows:

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P15	Power-down memory mode	00: standby after power-down recovery 01: restoring the original status after power-down recovery	00	—
P17	Historical fault clearing for IDU	00: not cleared 01: cleared	00	Historical faults of all IDUs controlled by the current wired controller are cleared.
P20	Environment temperature sensor settings for IDU	01: temperature sensor of air return vent 02: temperature sensor of wired controller 03: temperature sensor of air return vent for cooling, dehumidifying, and air supply; temperature sensor of wired controller for heating 04: temperature sensor of wired controller for cooling, dehumidifying, and air supply; temperature sensor of air return vent for heating	03	When there are master and slave wired controllers and the temperature sensor of wired controller is used, only the temperature sensor of the master wired controller is used by default. **Note:** ① In automatic mode, the environment temperature sensor settings are invalid for a common IDU but the setting value is memorized. ② The environment temperature sensor settings are invalid for a fresh-air IDU. The temperature sensor of air return vent is used by default.
P21	Corrected value of environment temperature sensor of IDU (for cooling, dehumidifying, and air supply)	-15 to +15	Temperature sensor of unit: 0°C; temperature sensor of wired controller: 0°C	Press “+” or “-” to add or reduce by 1°C.

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P22	Corrected value of environment temperature sensor of IDU (for heating, fast heating, and air warming)	-15 to +15	Temperature sensor of unit: -2°C; temperature sensor of wired controller: 0°C	Press “+” or “-” to add or reduce by 1°C. The temperature sensor of unit and the temperature sensor of wired controller share the same corrected value. In heating mode, corrected value of temperature sensor of unit = corrected value of temperature sensor of wired controller - 2°C.
P32	Capacity adjustment function of IDU	-40% to +40%	00	Press “+” or “-” to add or reduce by 10%.
P35	Factory setting recovery for user functions	00: invalid 01: valid	00	Select “01” and then press and hold the “ENTER” button to restore the factory settings for user functions (factory setting recovery fails if remote shielding is valid).
P36	Factory setting recovery for engineering settings	00: invalid 01: valid	00	Select “01” and then press and hold the “ENTER” button to restore the factory status for engineering settings (factory setting recovery fails if remote shielding is valid).
P40	Prevention for heat collection	00: disabled 10: 10s 20: 20s 30: 30s 40: 40s 50: 50s 60: 60s	00	It indicates the number of seconds for enabling the low-level fan every 15min.
P41	Longest defrosting time setting for outdoor unit	10/15/20：10/15/20min	15	—
P42	Project number settings of IDU	1-255	Automatically generated upon the initial system operation	In “P42” status, press the “MODE” button to enter the setting menu. The project number blinks in the timer area. Press “+” or “-” to adjust the project number. Press the “ENTER” button to confirm settings and return to the upper-level menu.
P45	One-key project number reset for IDU	00: invalid 01: valid	00	When it is set to “01”, the wired controller initiates an IDU project number reset command.
P48	Minimum opening degree setting for heating breakdown of IDU expansion valves	00: automatically controlled 1-500	—	After the default minimum opening degree for heating breakdown is manually modified, the opening degree remains unchanged upon heating breakdown.
P53	AHU-KIT linkage function setting	00: invalid 01: valid	00	When setting “01”, multiple AHU-KIT can operate simultaneously.
P55	Static pressure settings for DC Fresh Air Indoor Unit	Setting range: 01、02、03、04、05、06、07、08、09、10、11、12、13	08	Only applicable to DC Fresh Air Indoor Unit.
P56	Fan status setting under heating mode	00: OFF； 01: fan speed setting；	00	It’s the fan status when heating to the temperature point. When setting “01”, the fan operates according to the set fan speed. Only applicable for AHU-KIT indoor unit.
P60	AHU-KIT working method setting	00: air-return type 01: fresh air type	—	Only applicable for AHU-KIT indoor unit.

Parameter Code	Parameter Name	Parameter Range	Default Value	Remark
P66	Flag bit for unit of dual heat source	01: cancel the setting of dual heat source for the indoor unit 02: set the indoor unit as dual heat source 03: cancel the setting of dual heat source for all units 04: set all units as dual heat source	01	—
P75	Fan speed setting when heating thermostat is OFF	00: LL speed 01: OFF	00	Only valid for the cassette type unit
P80	Display temperature setting	00: display setting temperature 01: display ambient temperature	00	—
P81	Functional setting of lifting panel	00: invalid 01: valid	00	Only valid for the 360° air discharge cassette type.
n0	System conservation operation settings	00: comfortability preferred 01: conservation preferred	00	—
n1	Defrosting period settings	40: 40min 50: 50min 60: 60min	50	—
n3	Forcible defrosting	00: common 01: forcible defrosting	—	After settings, it automatically restores to “00”.
n4	Highest capacity output limitation settings for ODU	08: 80% 09: 90% 10: 100%	10	Enter query in “n4” status. The temperature area displays the function code and the timer area displays the corresponding function setting value.
A7	Silent function of ODU	00: no silent function 01-09: intelligent nighttime silent mode 10-12: forcible silent mode	00	Enter query in “A7” status. The temperature area displays the function code and the timer area displays the corresponding function setting value.
P47, P52-53, P57-59, P61-62, P67-68, P70, P79, qb, 4d, 4L are reserved code. Please do not set it.				

NOTES:

① Under parameter setting status, “FAN”, “TIMER” and “SWING” button are invalid. Press“⏻” button to go back to home page, but not turning on/off the unit.

② Under parameter setting status, the signal from remote controller is invalid.

9.4.7 Failure Display

When there occurs any error during operation, the temperature display zone on the wired controller will show error codes. If several errors happen at the same time, error codes will show on the display repeatedly.

NOTE: If error occurs, please turn off the unit and send for professionals to repair.

Fig.8.1 is the display of Outdoor Unit High Pressure Protection when unit is on.

Fig. 8.1 Display of Outdoor Unit High Pressure Protection

Note that when the indoor unit connected to the wire controller is a fully fresh air indoor unit, the home page of the wire controller will display "FAP" indicating that it is a fresh air indoor unit. When connecting the fresh air indoor unit, you cannot set the temperature on the home page, and can only set the air temperature through parameter settings.

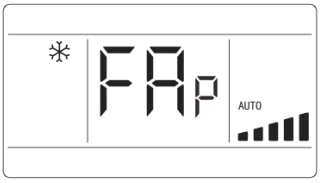


Fig. 8.2 Display of Connect the New Fan Display

9.5 Engineering Application Functions Operated through the XE7C-23/H、XE7C-23/HC Wired Controller

9.5.1 Master IDU Settings

The main IDU can be set through the wired controller or remote controller. The methods for setting the main IDU through the wired controller are as follows:

Under on or off status, press “MENU/OK” button on the homepage to enter into the menu page.

Press “<” or “>” button to select “Set”, and then press “MENU/OK” button to enter into the set page.

Press “∧” or “∨” button to select “Parameter Setting” at the set page. Then press “MENU/OK” button to go into user parameter setting page.

After that, press “∧” or “∨” button to select the item “Main IDU”.

When selecting the parameter, press “<” or “>” button to select the setting value “Yes”. Press “MENU/OK” button to save corresponding setting item. If the setting can’t be confirmed, switching the item can restore the previous setting value.

If the main IDU setting is successful, "⟲" icon will display on the homepage of wired controller .

9.5.2 Main IDU Display

For IDUs connected with wired controllers, "⟲" on the wired controller connected with the main IDU will be on.

For IDUs embedded or connected with LED panels, the operation LED on the LED panel of the main IDU will blink three times.

NOTE:

After the main IDU is successfully set, stick the “MASTER” flag to the wired controller or unit panel for convenience of user operation and engineering maintenance. This flag is placed in the package bag of the ODU.

9.5.3 Project Number Query and Settings

(1) IDU Project Number View and Locating

Under on or off status, press “MENU/OK” button on the homepage to enter into the menu page.

Press “<” or “>” button to select “View”, and then press “MENU/OK” button to enter into the view page.

Press “∧” or “∨” button to select “IDU Project No. View and Locating” at the view page. Then press “MENU/OK” button to enter into “IDU Project No. View and Locating” page to see IDU project number. Synchronously, the double-eight digital LED of the IDU embedded displays its own project number. If the current wired controller works in one-to-many mode, you can press the “<” or “>” button to switch indoor unit number, view each indoor unit corresponding project number.

NOTE:

It is normal if the buzzer of the IDU operated by the wired controller rings. The purpose of ringing the buzzer is to facilitate engineering commissioning personnel to locate the IDU, especially for the IDU without any LED panel because it cannot display its project number.

(2) View All IDU Project Number

Under on or off status, press “MENU/OK” button on the homepage to enter into the menu page.

Press “<” or “>” button to select “View”, and then press “MENU/OK” button to enter into the view page.

Press “∧” or “∨” button to select “View All IDU Project No.” at the view page. Then press “<” or “>” button to select turn on or turn off this function. And press “MENU/OK” button to confirm it. When turn on the “View All IDU Project No.”, the status column on the homepage of each wired controller in the entire network displays the project number of the corresponding IDU. Synchronously, the double-eight digital LED of each IDU embedded or connected with an LED panel displays its own project number.

Method for quitting query: Press the “⏻/⮌” button on any wired controller in the network.

(3) Project number settings of IDU

Under on or off status, press “MENU/OK” button on the homepage to enter into the menu page.

Press “<” or “>” button to select “Set”, and then press “MENU/OK” button to enter into the set page.

Press “∧” or “∨” button to select “Parameter Setting” at the set page. Then press “MENU/OK” button for 5s to go into parameter setting page.

Press “∧” or “∨” button to select “Project Parameter” at the parameter setting page, and then press “MENU/OK” button to enter into the project parameter setting page.

After that, press “∧” or “∨” button to select the item “IDU Project No. Setting”. If the current wired controller works in one-to-many mode, you can press the “<” or “>” button to switch indoor unit number.

When selecting the parameter, press “MENU/OK” button to enter into the IDU project No. setting page. Then press “∧” or “∨” or “<” or “>” button to switch the project number. Hold it can switch it quickly. Press “MENU/OK” button to save this setting.

9.5.4 Parameter View

Parameters can be queried in power-on or power-off status.

Press “MENU/OK” button on the homepage to enter into the menu page.

Press “<” or “>” button to select “View”, and then press “MENU/OK” button to enter into the view page.

Press “∧” or “∨” button to select “Parameter View” at the view page. Then press “MENU/OK” button to enter into parameter view page.

Press “∧” or “∨” button to switch the items.

When viewing the indoor unit, if the current wired controller works in one-to-many mode, press "<" or ">" button to switch indoor units. Corresponding indoor unit's parameters will be displayed on the page.

When viewing the outdoor unit, if there are multiple outdoor unit, press "<" or ">" button to switch outdoor units. Corresponding outdoor unit's parameters will be displayed on the page.

The parameter view list is as follows:

Parameter Name	Range	Parameter Name	Range
Wired Controller's Address	1,2	No. of IDUs Wired to Controller	1~16
Main IDU's Project No.	0,1~255	Time Left to Clean Filter	0~416 days
Online IDUs of CAN1	1~100	CAN2 address	1~255
Max Distribution Ratio	110% 135% 150%	Cool & Heat Modes	Cool Only, Heat Only, Cool & Heat, Fan
IDU Error History	5 historical errors	Prior Operation	Yes, No
Indoor Temp	-30°C -139°C	Relative Humidity	0%~100%
Inlet Temp 1	-30°C -139°C	Outlet Temp 1	-30°C -139°C
Inlet Temp 2*	-30°C -139°C	Outlet Temp 2*	-30°C -139°C
IDU Capacity	IDU capacity and capacity after adjustment	IDU EXV Status	0~20
Fresh Air IDU Output Temp*	-30°C -139°C	Indoor Unit Fan Static Pressure	0~999
R32 Refrigerant Concentration	0%~100%	ODU Static Pressure	0~4
ODU Error History	5 historical errors	—	—
The following parameters can only be viewed from the master wired controller, they cannot be viewed from the slave wired controller			
Parameter Name	Range	Parameter Name	Range
Unit Code	0~9, A~Z, a~z, -	Board Code	0~9, A~Z, a~z,-
Outdoor Temp	-30~139°C	Comp1 Operation Freq.	0~200Hz
Comp 2 Operation Freq.	0~200Hz	ODU Fan Operation Freq.	0~100Hz
High Pressure Sat. Temp	-40~70°C	Low Pressure Sat. Temp	-69~38°C
Comp1 Discharge Temp	-30~150°C	Comp 2 Discharge Temp.	-30~150°C
Comp 3 Discharge Temp	-30~150°C	Comp 4 Discharge Temp.	-30~150°C
Comp 5 Discharge Temp	-30~150°C	Comp 6 Discharge Temp.	-30~150°C
Comp 3 Operation Freq.	0~200Hz	ODU Heating EXV1	0~48
ODU Heating EXV2	0~48	Subcooler EXV	0~48
Defrost Temp	-30~139°C	Subcooler Liquid Temp	-30~139°C
Separator Outlet Temp	-30~139°C	Oil Return Temp	-30~139°C
Condenser Inlet Temp	-30~139°C	Condenser Outlet Temp	-30~139°C

NOTES:

① Under parameter viewing status, the signal from remote controller is invalid.

② When the parameter is invalid, it will display "--".

9.5.5 User Parameter Settings

User parameters can be set in power-on or power-off status.

Press "MENU/OK" button on the homepage to enter into the menu page.

Press "<" or ">" button to select "Set", and then press "MENU/OK" button to enter into the set page.

Press "∧" or "∨" button to select "Parameter Setting" at the set page. Then press "MENU/OK" button to go into user parameter setting page.

After that, press "∧" or "∨" button to switch the items. Hold it can switch it quickly.

When selecting the parameter, press "<" or ">" to switch the setting value. Press "MENU/OK" button to save corresponding setting items. If the setting can't be confirmed, switching the item can restore the

previous setting value.

The user parameter setting list is as follows:

Item	Settable range	Default	Remarks
Main Wired Controller	Yes, No	Yes	When it is set as no, this wired controller is slave wired controller. Status column of the homepage displays the icon of slave wired controller “” . The wired controller can only activate the main wired controller. It does not have the function of setting parameters for other units.
Main IDU	Yes, No	No	Once it is activated, the current IDU is set to be the main IDU. When the setting is Yes, if the system mode priority is the master-slave mode, the status column in homepage will display the icon of main IDU “”; when the setting is off, master and slave status of the current IDU will not be changed.
Use Remote	Yes, No	Yes	When it is set as no, the wired controller cannot receive the remote control signal. It can only be operated with buttons.
Prior Operation	Yes, No	No	When the power supply is insufficient, it is allowed to turn on the designated IDU as preferential operation; other IDUs should be forced to be off.
High Ceiling Installation*	Yes, No	No	Only applicable to cassette type IDU
Link with Fresh Air IDU*	Yes, No	No	After setting the linkage function, the fresh air IDU will automatically turn on or turn off along with the on and off of general IDU. Meanwhile, users can manually turn on or turn off the unit. It only applicable to fresh air IDU.
PM2.5 Filter*	Yes, No	No	After it is successfully set, adjust the revolving speed to ensure the air volume is close to or the same as the previous air volume. It is only applicable to the unit with PM2.5 filter.
Temp and RH Correction Control	Yes: Temp and humidity correction control No: Ambient temperature control	Refer to indoor unit for the defaulted value	It can be set only when it’s supported by the indoor unit.
Dry Mode Humidity Control	Yes: Humidity control No: Temperature control	No	If select “yes”, set humidity is displayed under dry mode. Otherwise, set temperature is displayed. It can only be set when it’s supported by the indoor unit.
Clear Filter Cleaning Time	Yes, No	No	—
Indoor Fan Static Pressure	1~9	5	—
No. of IDUs Wired to Controller	0: This function is unavailable 1-16: quantity of IDU	1	Set corresponding value according to the connected quantity of IDU.
Angle of Air-return Board*	Angle 1 Angle 2 Angle 3	Angle 2	Only applicable to the model with air-return plate.
Cooling temp of Auto Mode	17°C~30°C (63°F~86°F)	25°C (77°F)	Cooling temperature of auto mode – heating temperature of auto mode≥1°C.
Heating temp of Auto Mode	16°C ~29°C (61°F~84°F)	20°C (68°F)	
Resume After Inserting Card	Yes, No	Yes	When it is set as No, it will keep the status after inserting the gate control card. If it is at OFF status when pulling out the card, when inserting the card, it is still at OFF status.

Item	Settable range	Default	Remarks
Time for IDU Cold Air Prevention*	180s, 300s, 420s, 600s	180s	Cold air prevention time is the max waiting time from the time turning on the heating mode to the time blowing out the hot wind. The actual waiting time is related to the outdoor ambient temperature. If there is cold air after turning on the heating mode in the actual operation, please consult the professional person to adjust this parameter.
Set Temp of RH Control Mode	10°C ~30°C (50°F~86°F)	16°C (61°F)	Note: It's only applicable for the units whose dry mode is with humidity control function.
Auto Clean Mode	01: Normal 02: Quick 03: Deep	1	NOTE: Only applicable to the unit with auto clean function. If "0" is displayed, this function is not available for this unit.
Cooling Temp of Fresh Air IDU*	16°C ~30°C (61°F~86°F)	18°C (64°F)	Only applicable to fresh air IDU.
Heating Temp of Fresh Air IDU*	16°C ~30°C (61°F~86°F)	22°C (71°F)	Only applicable to fresh air IDU.
Setback	Yes, No	No	—
Upper Temp Limit of Setback	20~30°C (68~86°F)	26°C (79°F)	When temperature unit is °C, temperature upper limit – temperature lower limit ≥ 4°C; When temperature unit is °F, temperature upper limit – temperature lower limit ≥7°F.
Lower Temp Limit of Setback	16~26°C (61~79°F)	20°C (68°F)	
Auto Fan Setting	0: Normal Auto Wind 1: Heating Wind Sensing Wind	0	—
Enable Aux. Heat*	Yes, No	Yes	When Aux heating is available, the home status bar displays the "AUX" icon; when Aux heating is running, the home status bar displays the "AUX ON" icon. Note:This feature is only applicable to high static pressure air handler indoor units.
Setpoint-Space Temperature Differential for Aux. Heat*	1~10	3	When the temperature difference between the ambient temperature and the set temperature exceeds the opening temperature difference, AUX heating is allowed to start. Note:This feature is only applicable to high static pressure air handler indoor units.
Aux. Heat ON Timer *	0min~60mins	2mins	After the heat pump operation meets the start time, AUX heating is allowed to turn on. Note:This feature is only applicable to high static pressure air handler indoor units.
Satisfy Room Temperature with AUX*	Yes, No	No	Note:This feature is only applicable to high static pressure air handler indoor units.

NOTE:

In parameter setting status, signals of the remote controller are invalid.

9.5.6 Project Parameter Settings

Engineering parameters can be set in power-on or power-off status.

Press "MENU/OK" button on the homepage to enter into the menu page.

Press "<" or ">" button to select "Set", and then press "MENU/OK" button to enter into the set page.

Press "∧" or "∨" button to select "Parameter Setting" at the set page. Then press "MENU/OK" button for 5s to go into parameter setting page.

Press "∧" or "∨" button to select "Project Parameter" at the parameter setting page, and then press "MENU/OK" button to enter into the project parameter setting page.

After that, press "∧" or "∨" button to switch the items. Hold it can switch it quickly.

When selecting the parameter, press "<" or ">" to switch the setting value. Press "MENU/OK" button to save corresponding setting items. If the setting can't be confirmed, switching the item can restore the

previous setting value.

The project parameter setting list is as follows:

Item	Settable range	Default	Remarks
Memory	Yes、No	Yes	No: standby after power-down recovery Yes: restoring the original status after power-down recovery
System Energy-Saving	Yes、No	No	—
Constant Air Volume Debugging*	Yes、No	No	—
IDU Project No. Setting	1-255	—	When the number of online indoor units is greater than 1, press "< " or "> " to switch indoor units, press the "MENU/OK" key to enter the project number setting of the selected indoor unit: press " < " or " > " to increase/decrease the project number by the unit digit. Press "< " or "> " to increase/decrease the project number by the tenth digit.
Prevent Heat Accumulation	Off、10s、20s、30s、40s、50s、60s	Off	It indicates the number of seconds for enabling the low-level fan every 15min.
ODU Quiet Mode	Off、1~12	—	Top discharge outdoor unit defaults to Off, side discharge outdoor unit defaults to 12
Capacity Upper Limit	100%、90%、80%	100%	—
IDU Capacity Adjustment	-40、-30、-20、-10、0、10、20、30、40	0	—
Min Pulse of EXV	Auto、1~500	Auto	Press "<" or ">" to adjust the minimum opening degree. Press and hold "<" or ">" for 5 seconds, the minimum opening degree will increase or decrease by single digit. Press and hold for 5 to 10 seconds, the minimum opening degree will increase or decrease by ten digits. After the default minimum opening degree for heating breakdown is manually modified, the opening degree remains unchanged upon heating breakdown.
Max Defrosting Time	10mins、15mins、20mins	15mins	—
Rapid Defrost Mode*	Standard、Rapid1、Rapid2	Standard	—
Force Defrost	Yes、No	No	—
Defrosting Cycle K1	40mins、50mins、60mins	50mins	—
Amb Temp Sensor Location	1、2、3、4	3	1: Return Air； 2: Wired Controller； 3: Cool:Return Air, Heat:Wired Controller； 4: Cool:Wired Controller, Heat:Return Air
Amb Temp Sensor Cool Revise	-15℃~+15℃	Temperature sensor of unit: 0°C; temperature sensor of wired controller: 0°C	—
Amb Temp Sensor Heat Revise	-15℃~+15℃	Temperature sensor of unit: -2°C; temperature sensor of wired	—
AHRI IDU Fan Speed*	100~1800	—	—
Heating to Temp Fan Status	Stop、Breeze	Breeze	—

Item	Settable range	Default	Remarks
Display Ambient Temp on Homepage	Yes、No	No	—
Function Setting of Lifting Panel*	On、Off	Off	Only applicable for 360°air discharge cassette indoor unit.
Cooling to Temp Fan Setting*	Yes、No	No	This feature is only applicable to the indoor units that have this function set.
IDU High and Low Level Status*	None、High、Low	None	—
Control Method of Constant Temp Mode*	Mode1、Mode2	Mode1	—
Fresh Air IDU Static Pressure*	1~13	8	Only applicable to DC Fresh Air Indoor Unit.
Lowest Air Outlet Temperature Can Be Set*	8℃~16℃	16℃	This setting can only be done when the indoor unit is a fresh air processing indoor unit.
Delayed Startup of Indoor Fan Under Cooling Mode*	0s、20s、40s、60s、80s	0s	This feature is only applicable to the indoor units that have this function set.
Locked Status of Refrigerant Leakage	0、1	0	Default 0, indoor unit reports refrigerant leak fault, automatically changes to 1 after meeting the unit requirements, automatically changes to 0 after indoor unit refrigerant leak fault recovery. Manually set from 1 to 0, clear the indoor unit's refrigerant leak fault.
Item with "*" are reserved parameter.			

NOTE:

In parameter setting status, signals of the remote controller are invalid.

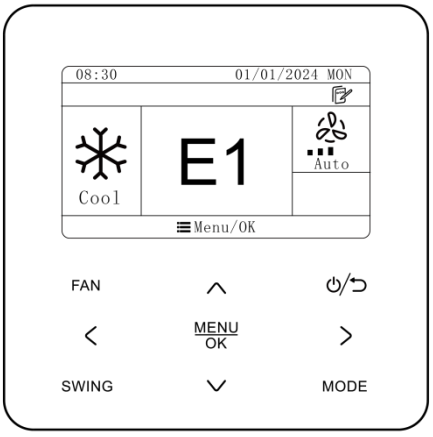
9.5.7 Error Display

When there is error during operation, the temperature display zone on the wired controller will show the error code. If several errors happen at the same time, error codes will show on the display repeatedly.

NOTE:

If error occurs, please turn off the unit and ask for professionals to repair it.

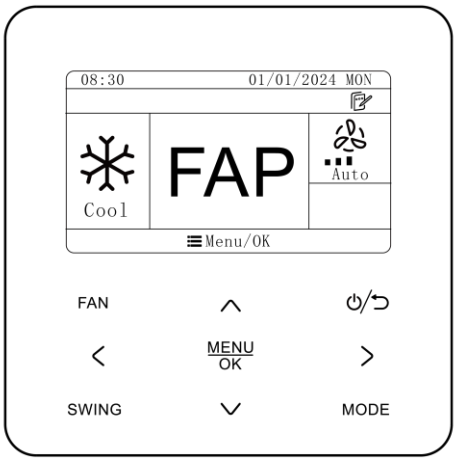
The following figure shows the display of outdoor unit high pressure protection when unit is on.



Display of Outdoor Unit High Pressure Protection

NOTE:

When the wired controller is connected with a Fresh Air Indoor Unit, fresh air indoor unit code “FAP” will be displayed as shown below. Setting temperature won’t be displayed and can’t be adjusted via “∧” or “∨” button. The air outlet temperature in cooling or heating can only be set in the parameter setting status.



INSTALLATION

1 Engineering Installation Preparation and Notice

1.1 Installation Notice

Personnel and property safety are highly concerned during the entire installation process. Installation implementation must abide by relevant national safety regulations to ensure personnel and property safety.

All personnel involved in the installation must attend safety education courses and pass corresponding safety examinations before installation. Only qualified personnel can attend the installation. Relevant personnel must be held responsible for any violation of the regulation.

1.2 Installation Key Points and Importance

VRF air conditioning systems use refrigerant, instead of other agent, to directly evaporate to carry out the system heat. High level of pipe cleanness and dryness is required in the system. Since various pipes need to be prepared and laid out onsite, carelessness or maloperation during installation may leave impurities, water, or dust inside refrigerant pipes. If the design fails to meet the requirement, various problems may occur in the system or even lead to system breakdown.

Problems that usually occur during installation are as follows:

No.	Installation Problem	Possible Consequence
1	Dust or impurities enter into the refrigeration system.	Pipes are more likely to be blocked; air conditioning performance is reduced; compressor wear is increased or even hinder the normal operation of the system and burn the compressor.
2	Nitrogen is not filled into the refrigerant pipe or insufficient Nitrogen is filled before welding.	Pipes are more likely to be blocked; air conditioning performance is reduced; compressor wear is increased or even hinder the normal operation of the system and burn the compressor.
3	The vacuum degree in the refrigerant pipe is insufficient.	The refrigeration performance is reduced. The system fails to keep normal operation due to frequent protection measures. When the problem getting serious, compressor and other major components can be damaged.
4	Water enters into the refrigeration system.	Copper plating may appear on the compressor and reduce the compressor efficiency with abnormal noise generated; failures may occur in the system due to ice plug.
5	The refrigerant pipe specifications do not meet the configuration requirements.	Smaller configuration specifications can increase the system pipe resistance and affect the cooling performance; larger configuration specifications are waste of materials and can also reduce the cooling performance.
6	Refrigerant pipe is blocked.	The cooling performance is reduced; in certain cases, it may cause long-term compressor operating under overheat conditions; the lubricating effect can be affected and the compressor may be burnt if impurities were mixed with the lubricating oil.
7	Refrigerant pipe exceeds the limit.	The loss in pipe is considerable and the unit energy efficiency decreases, which are harmful for long-term running of the system.
8	Incorrect amount of refrigerant is filled.	The system cannot correctly control the flow allocation; the compressor may be operating under over-heating environment or running when the refrigerant flows back to the compressor.
9	The refrigerant pipe leaks.	Insufficient refrigerant circulating in the system decreases the cooling performance of the air conditioner. Long-term operation under such circumstance may cause an overheating compressor or even damage the compressor.
10	Water drainage from the condensate water pipe is not smooth.	Residual water in IDUs can affect the normal operation of the system. The possible water leakage can damage the IDU's decoration.
11	The ratio of slop for condensate water pipe is insufficient or the condensate water pipe is incorrectly connected.	Reverse slop or inconsistent connection of condensate water pipe can hinder the smooth drainage and cause leakage of the IDU.
12	The air channel is improperly fixed.	The air channel will deform; vibration and noise occur during unit operating.
13	The guide vane of air channel is not reasonably manufactured.	Uneven air quantity allocation reduces the overall performance of the air conditioner.

No.	Installation Problem	Possible Consequence
14	The refrigerant pipe or condensate water pipe does not meet the insulation requirement.	Water can easily condensate and drip to damage the indoor decoration, or even trigger the protection mode of system due to overheating operation.
15	The installation space for IDU is insufficient.	Since there is a lack of space for maintenance and checking, indoor decoration might need to be damaged during such operation.
16	The IDU or the location of the air outlet or return air inlet is not designed reasonably.	The air outlet or return air inlet may be short-circuited, thus affecting the air conditioning performance.
17	The ODU is improperly installed.	The ODU is difficult to be maintained; unit exhaust is not smooth, which reduces the heat exchanging performance or even prevent the system from normal operation; in addition, the cold and hot air for heat exchange and the noise may annoy people in surrounding areas.
18	Power cables are incorrectly provided.	Unit components may be damaged and potential safety hazard may occur.
19	Control communication cables are incorrectly provided or improperly connected.	The normal communication in the system fails or the control over IDUs and ODUs turn in a mess.
20	Control communication cables are not properly protected.	The communication cables are short-circuited or disconnected, and the unit cannot be started up due to communication failure.

Understand the special requirement (if any) for unit installation before implementation to ensure installation quality. Relevant installers must have corresponding engineering construction qualifications.

Special type operators involved in the engineering implementation, such as welders, electricians, and refrigeration mechanics must have relevant operating licenses and are accredited with vocational qualification certification.

2 Installation Materials Selection

The materials, equipment and instruments used during air conditioning engineering construction must have certifications and test reports. Products with fireproof requirements must be provided with fireproof inspection certificates and must meet national and relevant compulsory standards. If environmentally-friendly materials are to be used as required by customers, all such materials must meet national environmental protection requirement and be provided with relevant certificates.

2.1 Refrigerant Piping

(1) Material requirement: Dephosphorization drawing copper pipe for air conditioners;

(2) Appearance requirement: The inner and outer surface of pipe should be smooth without pinhole, crack, peeling, blister, inclusion, copper powder, carbon deposition, rust, dirt or severe oxide film, and without obvious scratch, pit, spot and other defects.

(3) Test report: Certifications and quality test reports must be provided.

(4) The tensile strength must be at least 240 kgf/mm².

Specifications requirement

R410A Refrigerant System		
OD (mm/inch)	Wall Thickness (mm)	Model
Φ6.35(1/4)	≥0.8	0
Φ9.52(3/8)	≥0.8	0
Φ12.70(1/2)	≥0.8	0
Φ15.9(5/8)	≥1.0	0
Φ19.05(3/4)	≥1.0	0

(5) After the inner part of the copper pipe is cleaned and dried, the inlet and outlet must be sealed tightly by using pipe caps, plugs or adhesive tapes.

2.2 Condensate Water Pipe

(1) Pipes that can be used for air conditioner drainage include: water supplying UPVC pipe, PP-R pipe, PP-C pipe, and HDG steel pipe;

(2) All relevant certificates and quality test reports are provided.

(3) Requirements for specifications and wall thickness.

Water supplying UPVC pipe: Φ32mm×2mm，Φ40mm×2mm，Φ50mm×2.5mm;

HDG steel pipe: Φ25mm×3.25mm，Φ32mm×3.25mm，Φ40mm×3.5mm，Φ50mm×3.5mm.

2.3 Insulation Material

(1) Rubber foam insulation material;

(2) Flame retardancy level: B1 or higher;

(3) Refractoriness: at least 120°C;

(4) The insulation thickness of condensate water pipe: at least 10 mm;

(5) When the diameter of copper pipe is equal to or greater than Φ15.9 mm, the thickness of insulation material should be at least 20 mm; when the diameter of copper pipe is less than 15.9 mm, the thickness of insulation material should be at least 15 mm.

2.4 Communication Cable and Control Cable

Note:

For air conditioning units installed in places with strong electromagnetic interference, shielded wire must be used as the communication cables of the IDU and wired controller, and shielded twisted pairs must be used as the communication cables between IDUs and between the IDU and ODU.

Communication cable selection for IDU and IDU(ODU)

Material	Total Length L (m) of Communication cord between Indoor Unit and Indoor (Outdoor) Unit	Wire Quantity×Size (mm^2)	Material Standard	Remarks
Light/Ordinary polyvinyl chloride sheathed cord. (60227 IEC 52 /60227 IEC 53)	L≤1000	≥2×0.75	IEC 60227-5:2007	1. If the wire diameter is increased to 2 × 1 mm^2, the length of the communication cord can be increased, while the total communication cord length cannot exceed 1500 m 2. The cord shall be Circular cord (the cores shall be twisted together). 3. If unit is installed in places with intense magnetic field or strong interference, it is necessary to use shielded wire.

Communication cable selection for IDU and wired controller

Material	Total length of communication wire between indoor unit and wired controller L (m)	Wire Quantity×Size (mm^2)	Material standard	Remarks
Light/Ordinary polyvinyl chloride sheathed cord. (60227 IEC 52 /60227 IEC 53)	L≤250	2×0.75~2×1.25	IEC 60227-5:2007	1. Total length of communication wire cannot exceed 250m 2. The cord shall be Circular cord (the cores shall be twisted together). 3. If unit is installed in places with intense magnetic field or strong interference, it is necessary to use shielded wire

2.5 Power Cable

Only copper conductors can be used as power cables. The copper conductors must meet relevant national standard and satisfy the carrying capacity of unit.

2.6 Hanger Rod and Support

(1) Hanger rod: M8 or M10;

(2) U-steel: 14# or above;

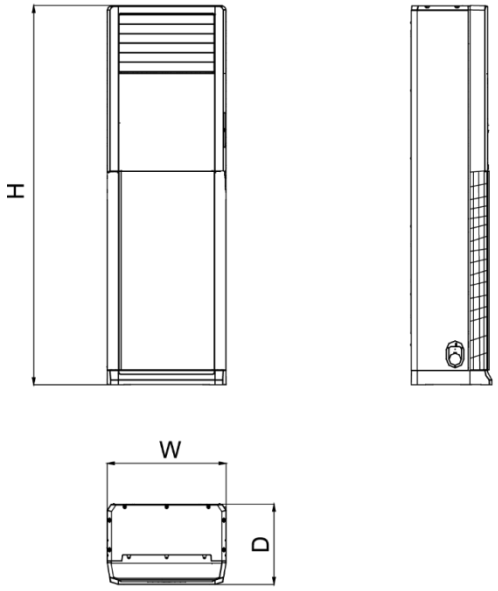
(3) Angle steel: 30mm×30mm×3mm or above;

(4) Round steel: Φ10mm or above.

3 Installation of Indoor Unit

3.1 Installation of Floor Standing Indoor Unit

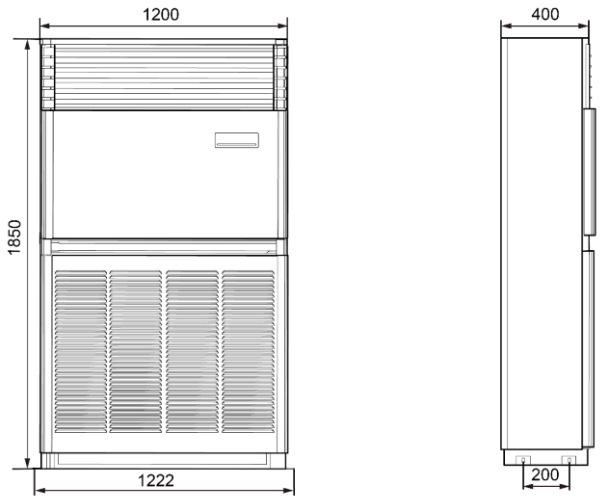
3.1.1 Outline and installation dimension



Unit: mm

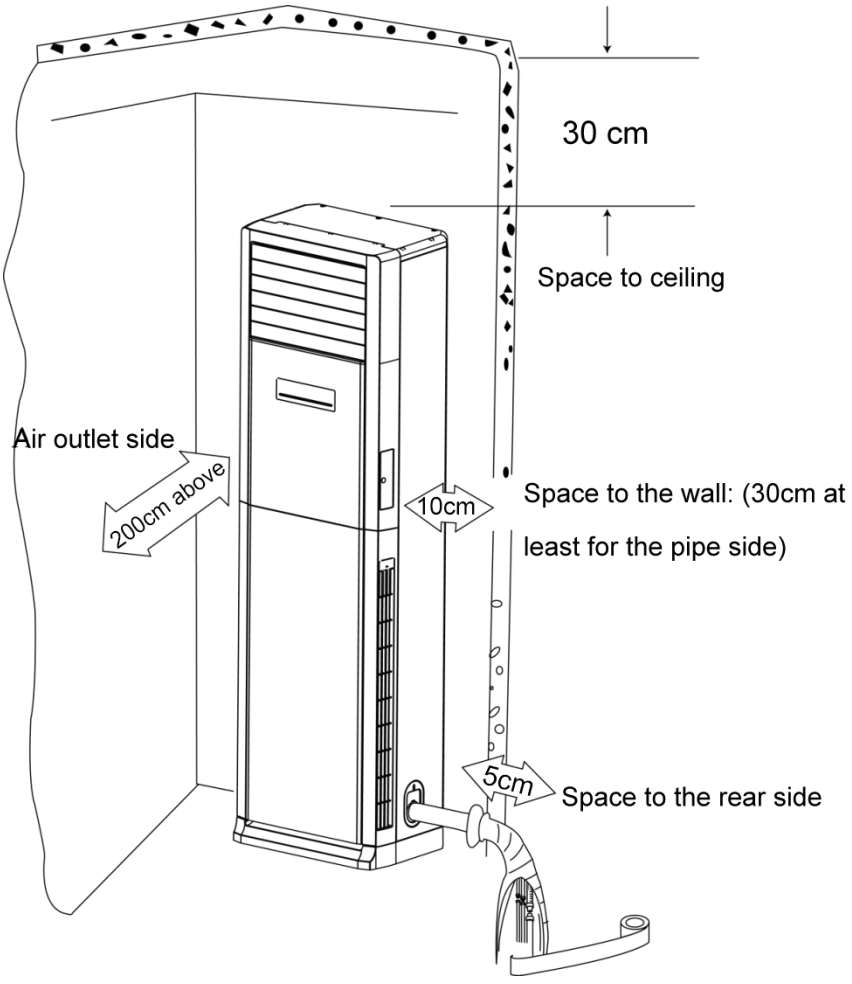
Model	W	H	D
GMV-ND100L/A-T GMV-ND140L/A-T	580	1870	400

Unit: mm

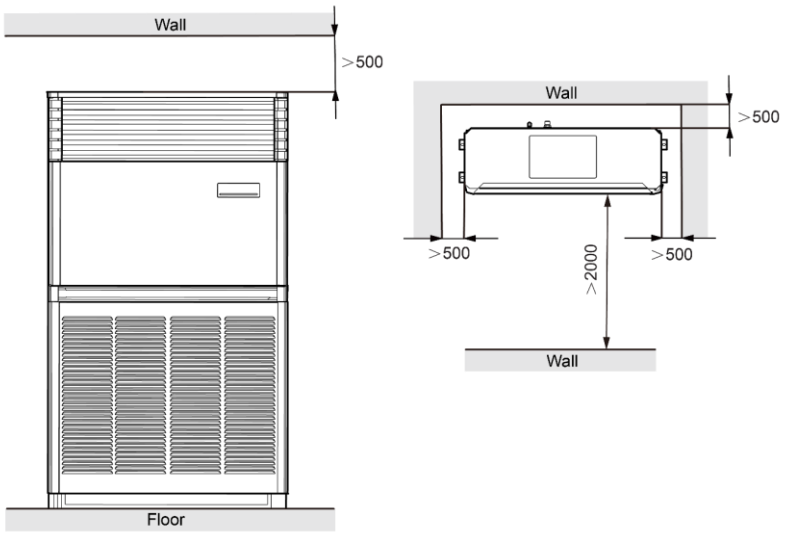


GMV-N280L/A-D

3.1.2 Installation space



Unit: mm



GMV-N280L/A-D

3.1.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.

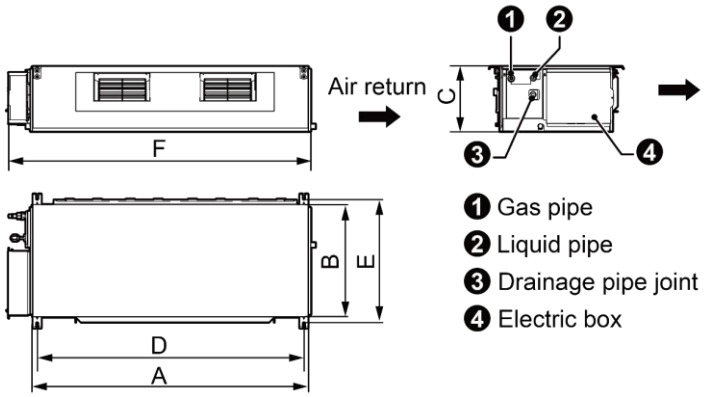
3.1.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2/AWG)	Minimum Sectional Area of Power Cord (mm^2/AWG)
GMV-ND100L/A-T	220V~240V/50Hz 208V/230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140L/A-T	220V~240V/50Hz 208V/230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-N280L/A-D	220-240V ~ 60Hz	10	1.5/AWG16	1.5/AWG16

3.2 Installation of High Static Pressure Duct Type Unit

3.2.1 Outline and installation dimension

Model: GMV-ND56PHS/A-T~ GMV-ND140PHS/A-T

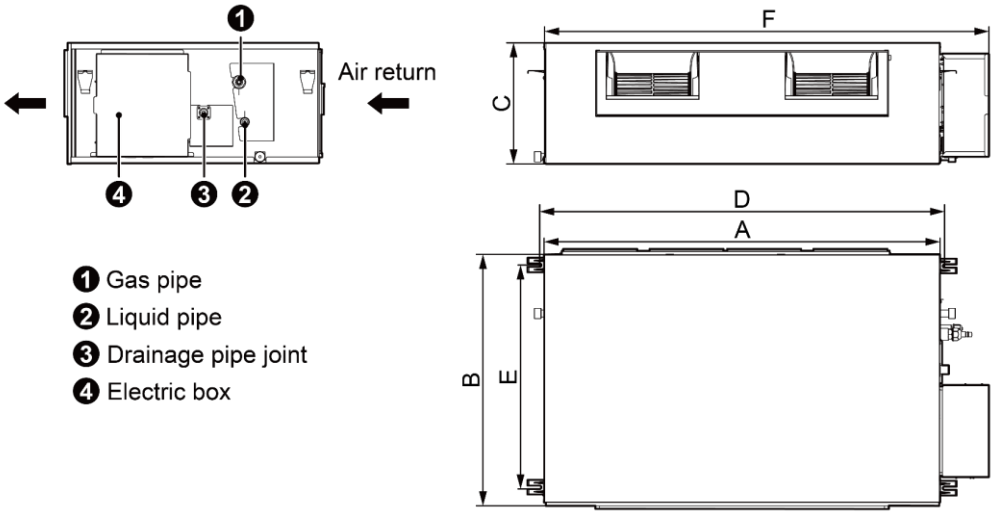


Below are dimensions of A, B, C, etc. for different models:

Unit: mm

Model	A	B	C	D	E	F
GMV-ND56PHS/A-T	1140	465	268	1100	515	1250
GMV-ND63PHS/A-T						
GMV-ND71PHS/A-T						
GMV-ND80PHS/A-T						
GMV-ND90PHS/A-T	1115	710	290	1010	750	1205
GMV-ND100PHS/A-T						
GMV-ND112PHS/A-T						
GMV-ND125PHS/A-T						
GMV-ND140PHS/A-T						

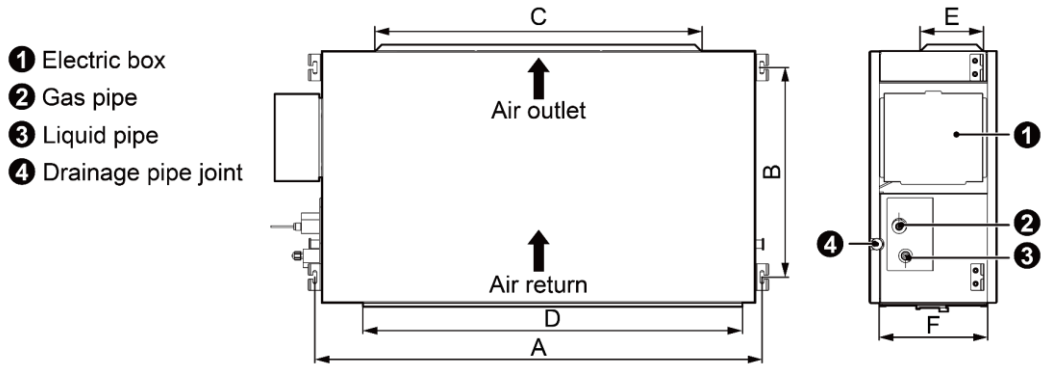
Model: GMV-ND160PHS/A-T



Unit: mm

Model	A	B	C	D	E	F
GMV-ND160PHS/A-T	1150	720	350	1177	646	1292

Model: GMV-ND224PH/A-T, GMV-ND280PH/A-T



Below are dimensions of A, B, C, etc. for different models:

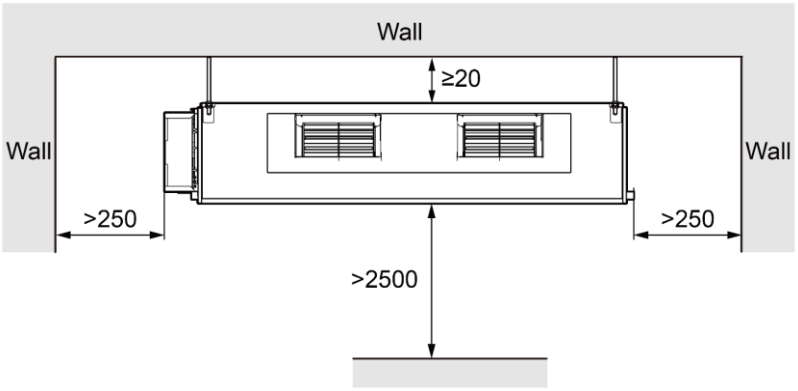
Unit: mm

Model	A	B	C	D	E	F
GMV-ND224PH/A-T	1353	632	992	1150	192	327
GMV-ND280PH/A-T	1563	707	992	1350	192	402

3.2.2 Installation space

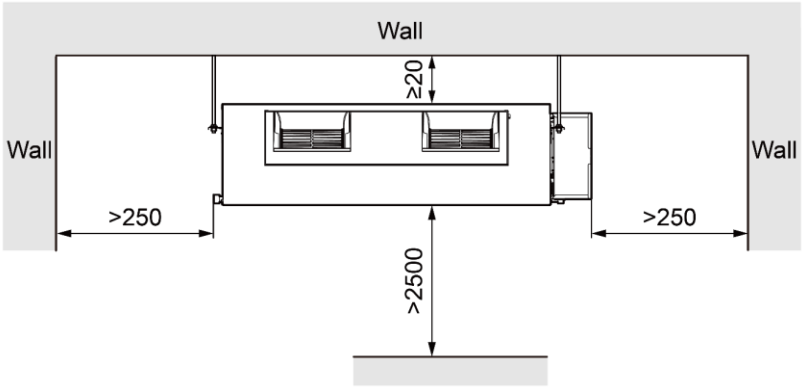
GMV-ND56~140PHS/A-T

Unit: mm



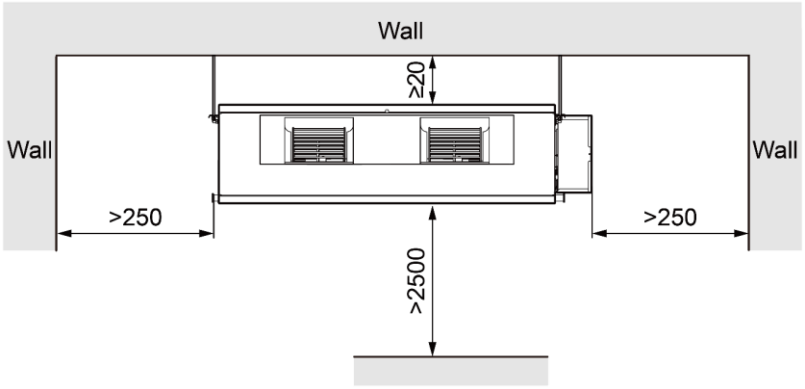
GMV-ND160PHS/A-T

Unit: mm



Model: GMV-ND224PH/A-T、GMV-ND280PH/A-T

Unit: mm



3.2.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- Installation of the unit must be in accordance with National Electric Codes and local regulations.
- Improper installation will affect unit's performance, so do not install the unit by yourself. Please contact local dealer to arrange professional technicians for the installation.
- Do not connect power until all installation work is finished.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

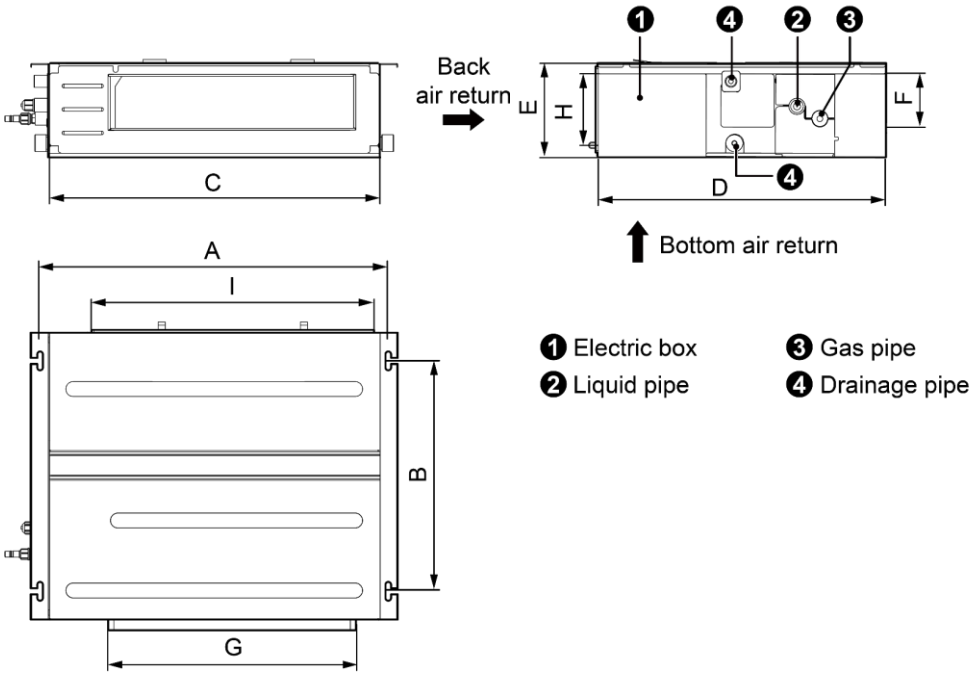
3.2.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2/AWG)	Minimum Sectional Area of Power Cord (mm^2/AWG)
GMV-ND56PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140PHS/A-T	220~240V/50Hz 208~230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND160PHS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND224PH/A-T	220-240V/50Hz 208-230V/60Hz	10	1.0/AWG18	1.0/AWG18
GMV-ND280PH/A-T	220-240V/50Hz 208-230V/60Hz	10	1.0/AWG18	1.0/AWG18

3.3 Installation of Low Static Pressure Duct Type Unit

3.3.1 Outline and installation dimension

Model: GMV-ND22PLS/A-T~GMV-ND63PLS/A-T



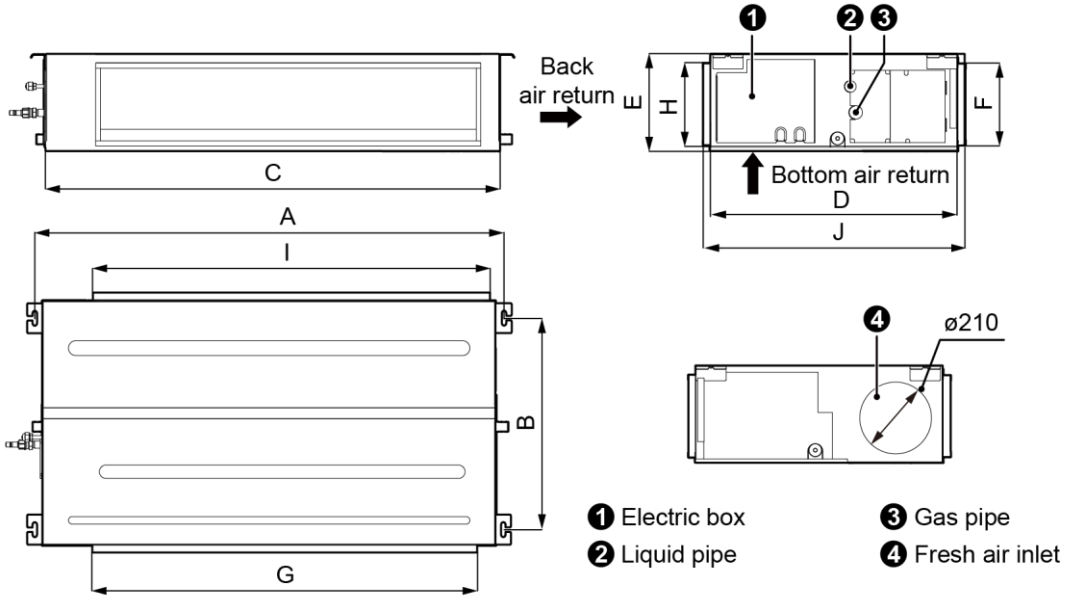
Below are dimensions of A, B, C etc. for different models:

Unit: mm

Model	A	B	C	D	E	F	G	H	I
GMV-ND22PLS/A-T	742	491	700	615	200	121	528	161	580
GMV-ND25PLS/A-T									
GMV-ND28PLS/A-T									
GMV-ND32PLS/A-T									
GMV-ND36PLS/A-T									
GMV-ND40PLS/A-T	942	491	900	615	200	121	728	161	780
GMV-ND45PLS/A-T									
GMV-ND50PLS/A-T									
GMV-ND56PLS/A-T	1142	491	1100	615	200	121	928	161	980
GMV-ND63PLS/A-T									

Model: GMV-ND71PLS/A-T~GMV-ND140PLS/A-T

Unit: mm

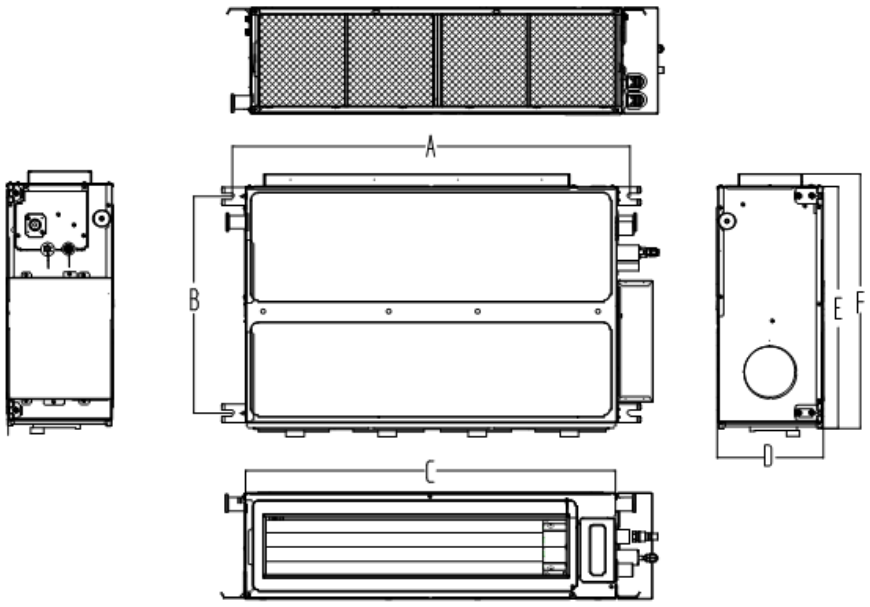


Below are dimensions of A, B, C etc. for different models:

Unit: mm

Model	A	B	C	D	E	F	G	H	I	J
GMV-ND71PLS/A-T	1236	565	1200	655	260	222	1016	220	1050	695
GMV-ND80PLS/A-T										
GMV-ND90PLS/A-T	1379	565	1340	655	260	207	1153	220	1188	716
GMV-ND100PLS/A-T										
GMV-ND112PLS/A-T										
GMV-ND125PLS/A-T										
GMV-ND140PLS/A-T										

Model: GMV-ND18PLS/C-T~GMV-ND71PLS/C-T



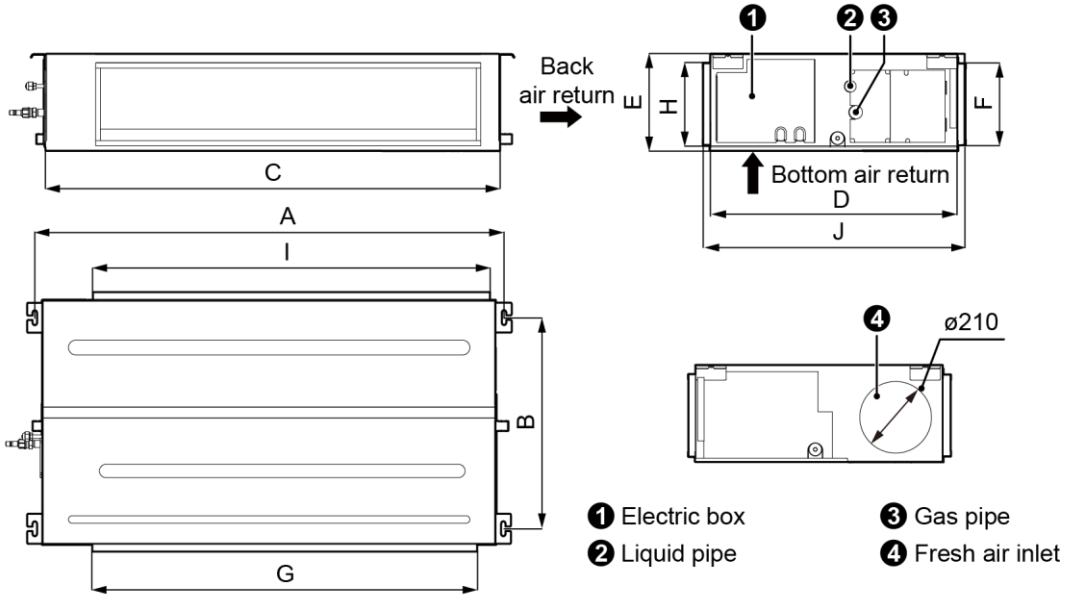
The table below lists the detailed dimensions.

Unit: mm

Model	A	B	C	D	E	F
GMV-ND18~36PLS/C-T	760	415	710	200	462	486
GMV-ND40~63PLS/C-T	1060	415	1010	200	462	486
GMV-ND71PLS/C-T	1360	415	1310	200	462	486

Model: GMV-ND80PLS/C-T~GMV-ND140PLS/C-T

Unit: mm

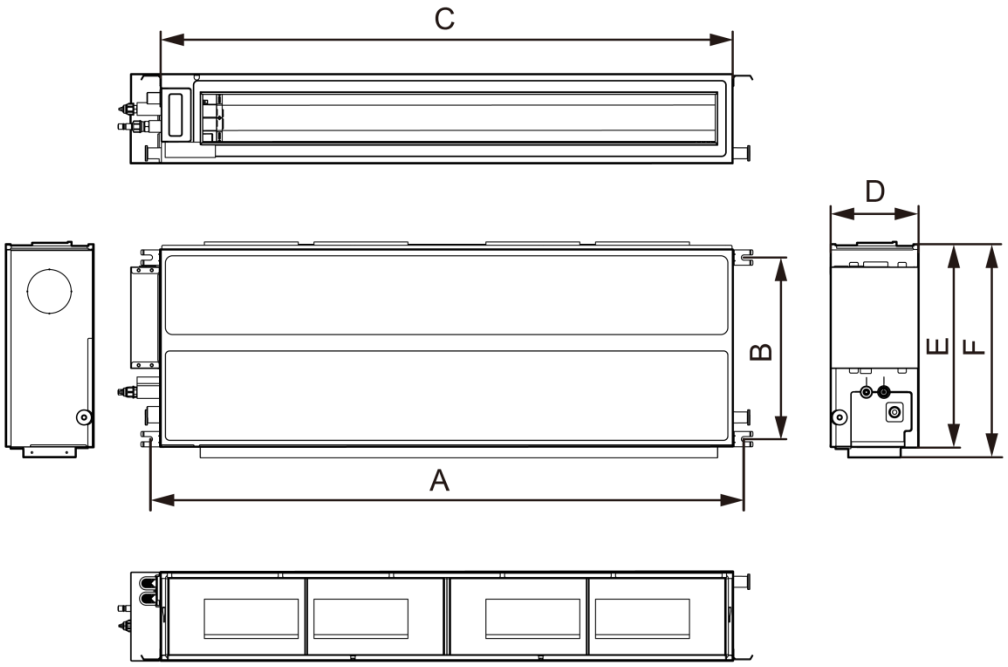


The table below lists the detailed dimensions.

Unit: mm

Model	A	B	C	D	E	F	G	H	I	J
GMV-ND80PLS/C-T	1236	565	1200	655	260	222	1016	220	1050	695
GMV-ND90PLS/C-T	1379	565	1340	655	260	207	1153	220	1188	716
GMV-ND100PLS/C-T										
GMV-ND112PLS/C-T										
GMV-ND125PLS/C-T										
GMV-ND140PLS/C-T										

Model: GMV-ND18PLS/C1-T~GMV-ND80PLS/C1-T

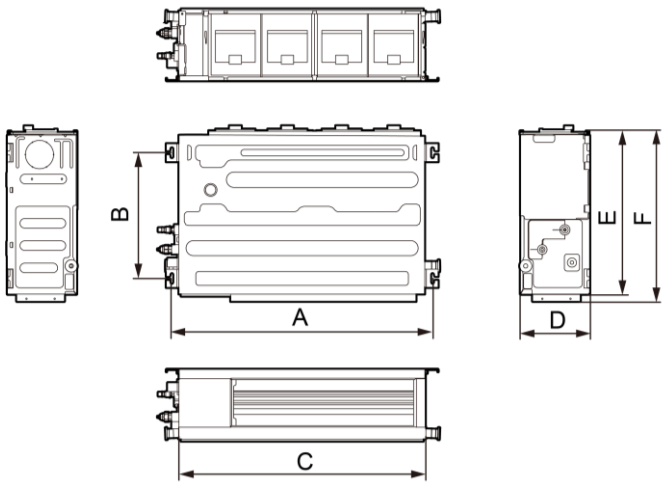


Below are dimensions of A, B, C, etc. for different models:

Unit: mm

Model	A	B	C	D	E	F
GMV-ND18~36PLS/C1-T	760	415	710	200	462	486
GMV-ND40~63PLS/C1-T	1060	415	1010	200	462	486
GMV-ND71~80PLS/C1-T	1360	415	1310	200	462	486

Model: GMV-ND15PLS/K-T~GMV-ND80PLS/K-T



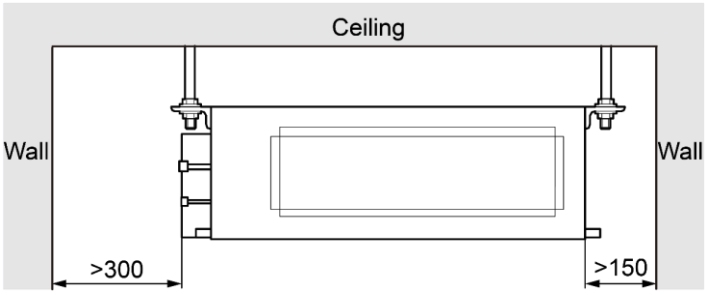
Below are dimensions of A, B, C, etc. for different models:

Unit: mm

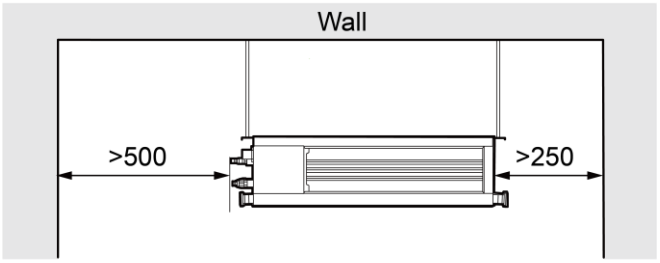
Model	A	B	C	D	E	F
GMV-ND15PLS/K-T, GMV-ND18PLS/K-T GMV-ND22PLS/K-T, GMV-ND25PLS/K-T GMV-ND28PLS/K-T	580	355	540	198	462	482
GMV-ND32PLS/K-T, GMV-ND36PLS/K-T GMV-ND40PLS/K-T	740	355	700	198	462	482
GMV-ND45PLS/K-T, GMV-ND50PLS/K-T GMV-ND56PLS/K-T	940	355	900	198	462	482
GMV-ND63PLS/K-T, GMV-ND71PLS/K-T GMV-ND80PLS/K-T	1240	355	1200	198	462	482

3.3.2 Installation space

Unit: mm



Model: GMV-ND15PLS/K-T~GMV-ND80PLS/K-T Unit: mm



3.3.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- Installation of the unit must be in accordance with National Electric Codes and local regulations.
- Improper installation will affect unit's performance, so do not install the unit by yourself. Please contact local dealer to arrange professional technicians for the installation.
- Do not connect power until all installation work is finished.

3.3.4 Selection of air switch and power cord

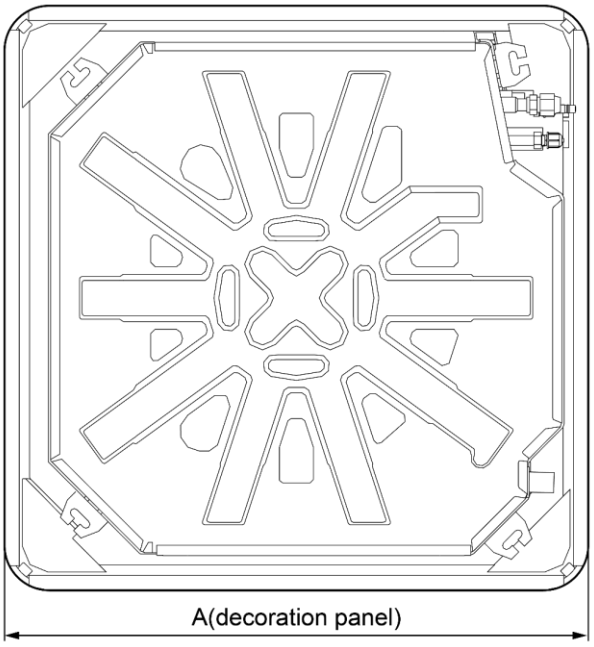
Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2/AWG)	Minimum Sectional Area of Power Cord (mm^2/AWG)
GMV-ND22PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND25PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND32PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND40PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2/AWG)	Minimum Sectional Area of Power Cord (mm^2/AWG)
GMV-ND45PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90PLS/A-T	220-240V/50Hz 208~230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140PLS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND18PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND22PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND25PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND32PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND40PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2/AWG)	Minimum Sectional Area of Power Cord (mm^2/AWG)
GMV-ND140PLS/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND18PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND22PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND25PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND32PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND40PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80PLS/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND15PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND18PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND22PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND25PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND32PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND40PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80PLS/K-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

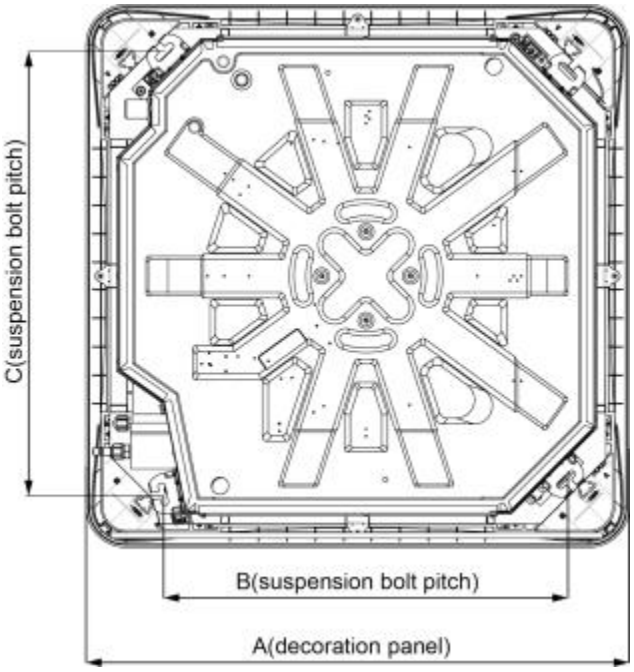
3.4 Installation of 4-way Cassette Type Unit

3.4.1 Outline and installation dimension



Unit: mm

Model	A
GMV-ND28~140T/A-T	950

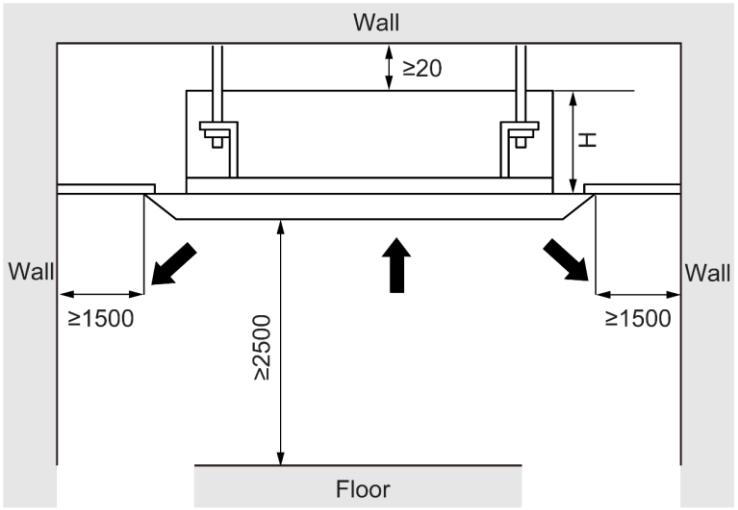


Unit: mm

Model	A	B	C
GMV-ND160T/A-T	1040	790	840

3.4.2 Installation space

Unit: mm



Unit: mm

Model	H
GMV-ND28~50T/A-T	220
GMV-ND56~80T/A-T	270
GMV-ND90~140T/A-T	350
GMV-ND160T/A-T	310

3.4.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- The unit shall be installed in accordance with national standards or local regulations.
- Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- Make sure all the installation work completed before energizing.
- The appliances are not accessible to general public.

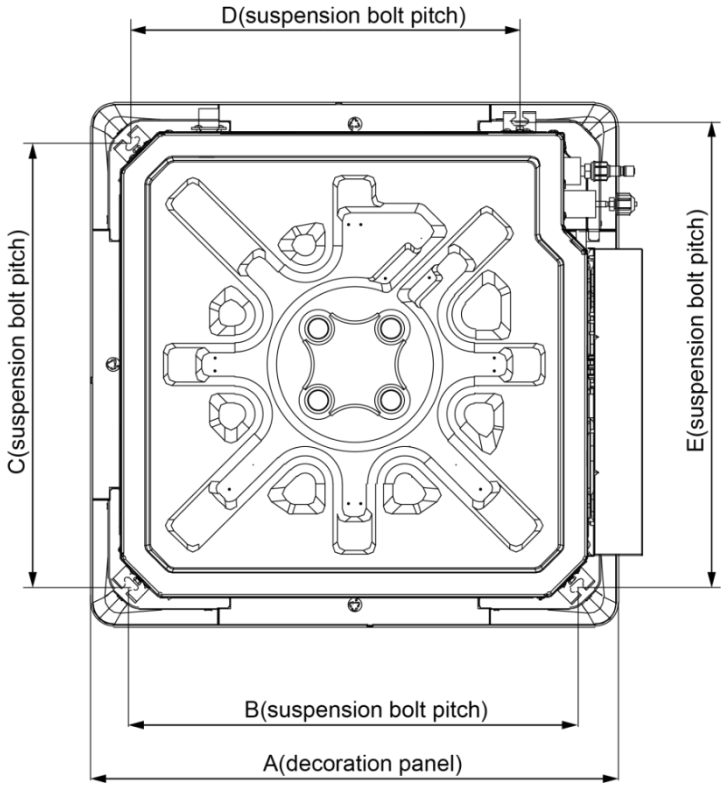
3.4.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2/AWG)	Minimum Sectional Area of Power Cord (mm^2/AWG)
GMV-ND28T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2/AWG)	Minimum Sectional Area of Power Cord (mm^2/AWG)
GMV-ND50T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND160T/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.5 Installation of Compact 4-way Cassette Type Unit

3.5.1 Outline and installation dimension



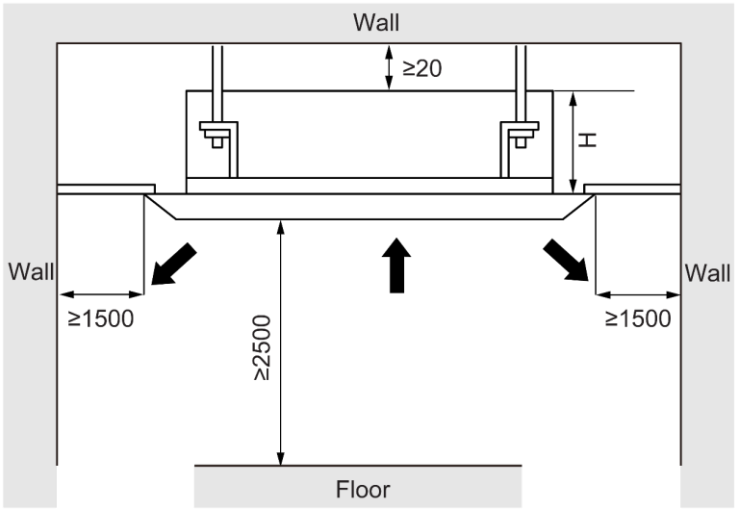
Below are dimensions of A, B, C etc. for different models:

Unit: mm

Model	A	B	C	D	E
GMV-ND22T/B-T	670	570	570	495	600
GMV-ND28T/B-T					
GMV-ND36T/B-T					
GMV-ND45T/B-T					
GMV-ND50T/B-T					
GMV-ND56T/B-T					

3.5.2 Installation space

Unit: mm



Unit: mm

Model	H
GMV-ND22T/B-T	255
GMV-ND28T/B-T	255
GMV-ND36T/B-T	255
GMV-ND45T/B-T	255
GMV-ND50T/B-T	255
GMV-ND56T/B-T	255

3.5.3 Installation notice

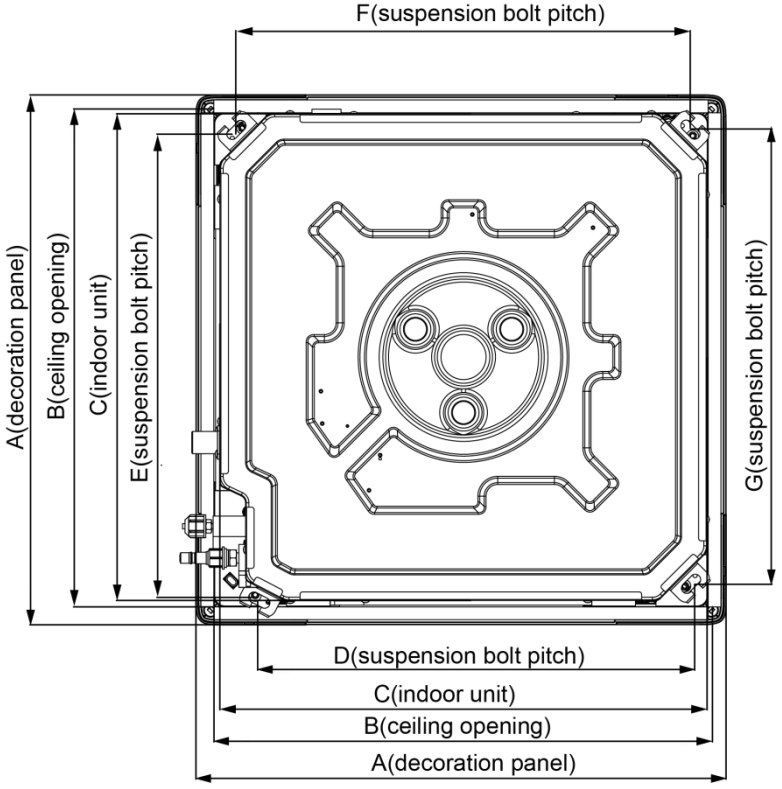
- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- The unit shall be installed in accordance with national standards or local regulations.
- Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- Make sure all the installation work completed before energizing.

3.5.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND22T/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28T/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36T/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45T/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50T/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56T/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.6 Installation of 360°Air Discharge Compact Cassette Type Unit

3.6.1 Outline and installation dimension

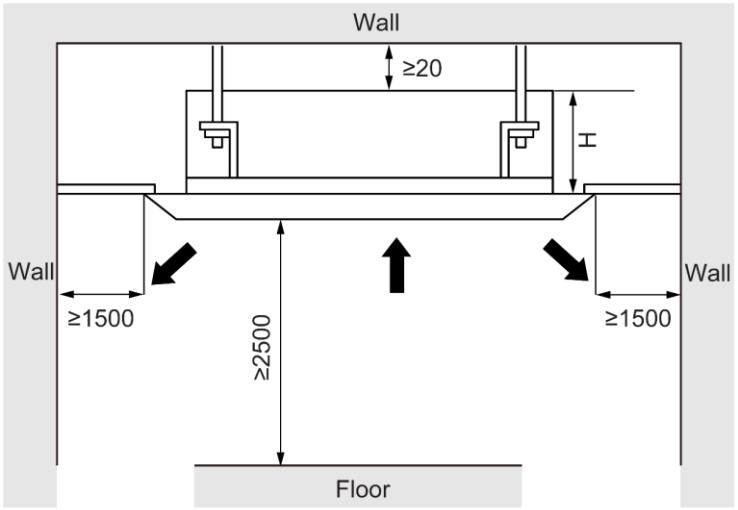


Unit: mm

Model	A	B	C	D	E	F	G
GMV-ND15T/E-T	620	580	570	505	550	530	530
GMV-ND18T/E-T							
GMV-ND22T/E-T							
GMV-ND28T/E-T							
GMV-ND36T/E-T							
GMV-ND45T/E-T							
GMV-ND50T/E-T							
GMV-ND56T/E-T							

3.6.2 Installation space

Unit: mm



Unit: mm

Model	H
GMV-ND15T/E-T	305
GMV-ND18T/E-T	305
GMV-ND22T/E-T	305
GMV-ND28T/E-T	305
GMV-ND36T/E-T	305
GMV-ND45T/E-T	305
GMV-ND50T/E-T	305
GMV-ND56T/E-T	305

3.6.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- The unit shall be installed in accordance with national standards or local regulations.
- Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- Make sure all the installation work completed before energizing.

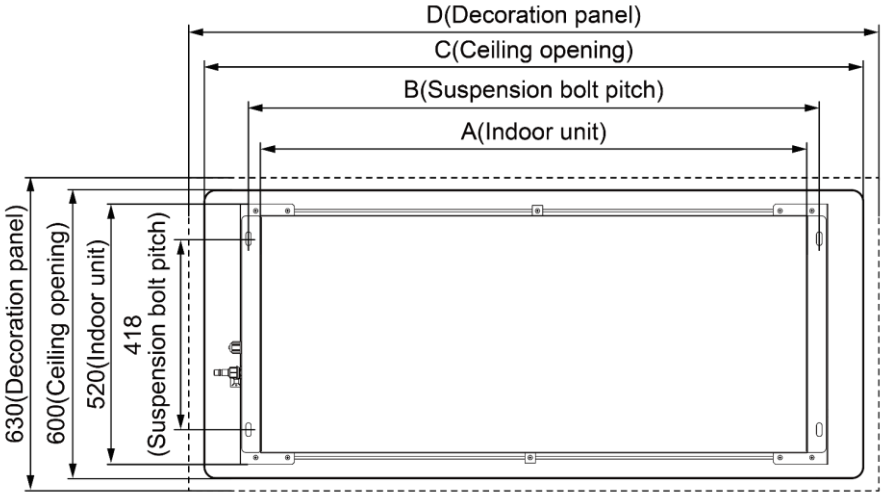
3.6.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND15T/E-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND18T/E-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND22T/E-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28T/E-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36T/E-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45T/E-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50T/E-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56T/E-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.7 Installation of Compact 2-way Cassette Type Unit

3.7.1 Outline and installation dimension

Unit: mm

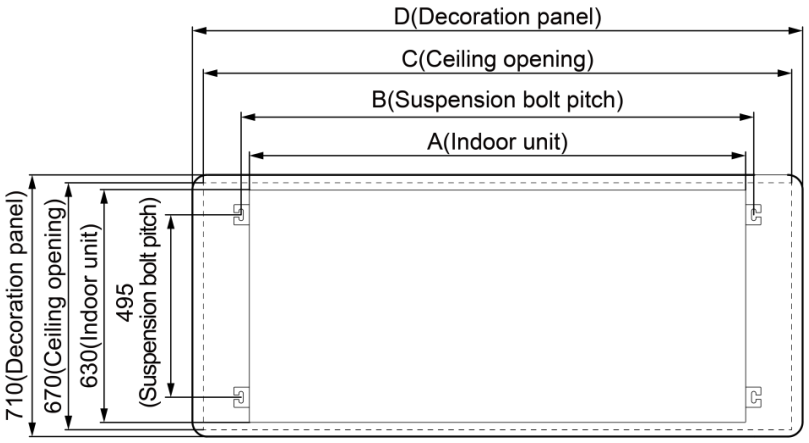


Below are dimensions of A, B, C etc. for different models:

Unit: mm

Model	Indoor unit(A)	Suspension bolt pitch(B)	Ceiling opening(C)	Decoration panel(D)	Outer diameter of connection pipe(mm)	
					Liquid pipe	Gas pipe
GMV-ND28TS/A-T	1200	1252	1386	1416	6.35	9.52
GMV-ND36TS/A-T GMV-ND45TS/A-T GMV-ND50TS/A-T	1200	1252	1386	1416	6.35	12.7
GMV-ND56TS/A-T GMV-ND63TS/A-T GMV-ND71TS/A-T	1200	1252	1386	1416	9.52	15.9

Unit: mm



Below are dimensions of A, B, C etc. for different models:

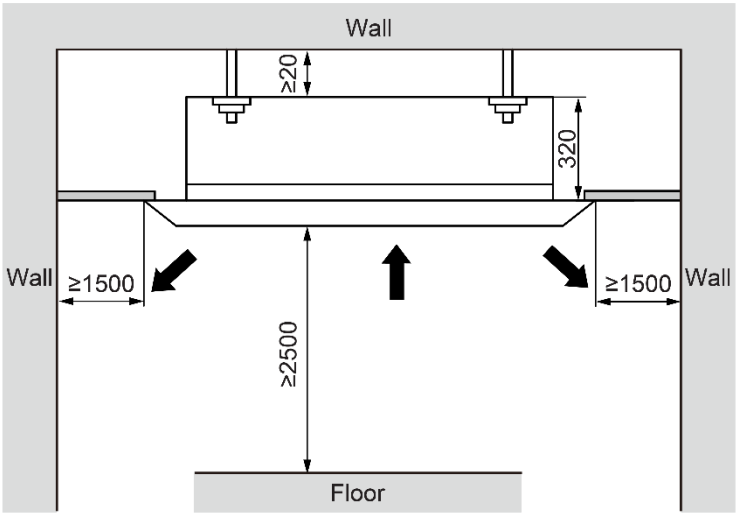
Unit: mm

Model	Indoor unit(A)	Suspension bolt pitch(B)	Ceiling opening(C)	Decoration panel(D)	Outer diameter of connection pipe	
					Liquid pipe	Gas pipe
GMV-ND28TS/B-T	790	834	990	1100	6.35	9.52
GMV-ND36TS/B-T GMV-ND45TS/B-T GMV-ND50TS/B-T	790	834	990	1100	6.35	12.7
GMV-ND56TS/B-T GMV-ND63TS/B-T GMV-ND71TS/B-T GMV-ND80TS/B-T	790	834	990	1100	9.52	15.9
GMV-ND90TS/B-T GMV-ND100TS/B-T GMV-ND112TS/B-T GMV-ND125TS/B-T GMV-ND140TS/B-T	1350	1394	1550	1660	9.52	15.9
GMV-ND160TS/B-T	1350	1394	1550	1660	9.52	19.05

3.7.2 Installation space

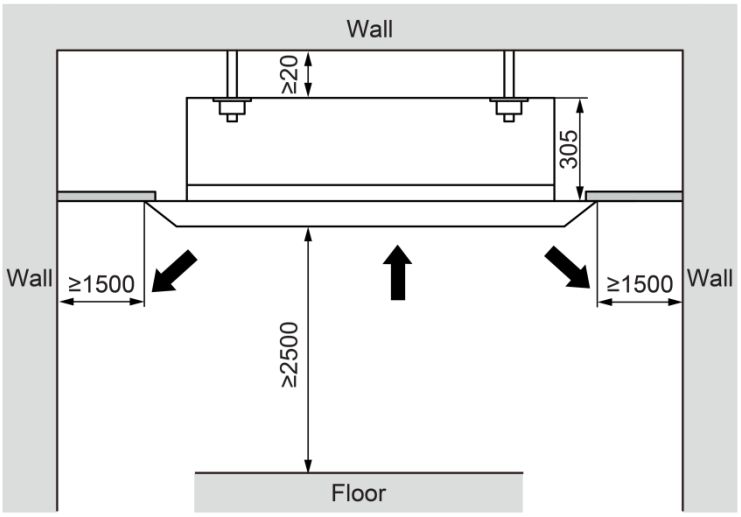
GMV-ND**TS/A-T:

Unit: mm



GMV-ND**TS/B-T:

Unit: mm



3.7.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- The unit shall be installed in accordance with national standards or local regulations.
- Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- Make sure all the installation work completed before energizing.

3.7.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity(A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND28TS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36TS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45TS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50TS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56TS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63TS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71TS/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

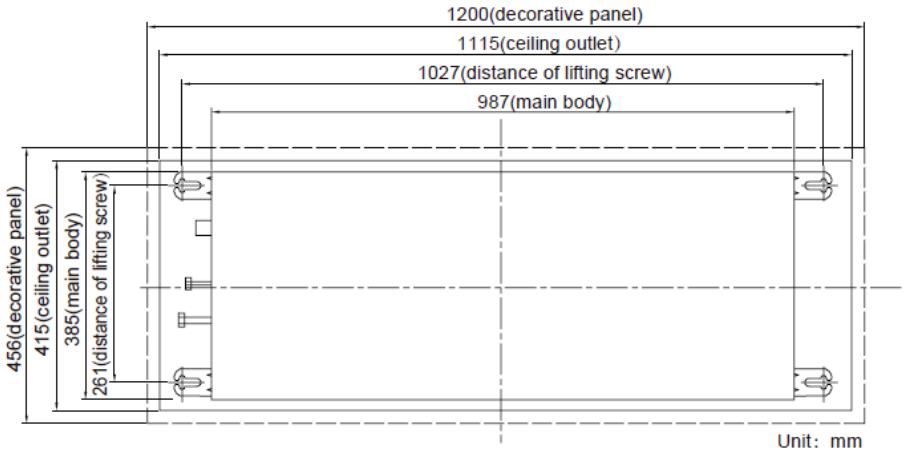
Model	Power Cord Size	Air Switch Capacity(A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND28TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND160TS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.8 Installation of Compact 1-way Cassette Type Unit

3.8.1 Outline and installation dimension

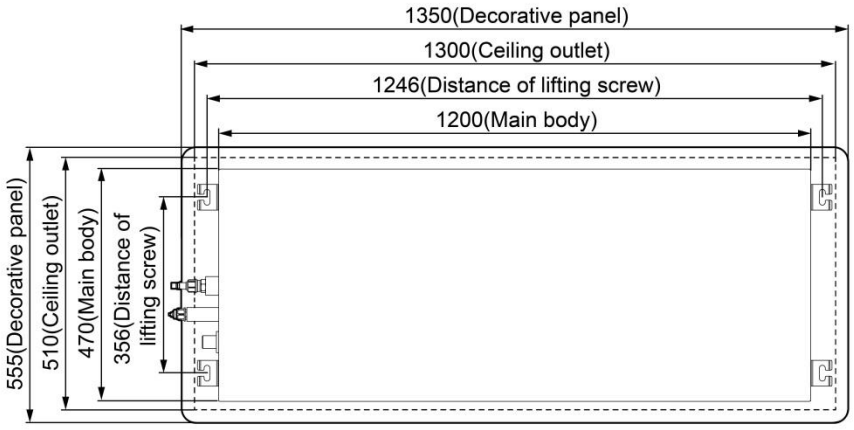
GMV-ND**TD/A-T：

Uint：mm



GMV-ND**TD/B-T：

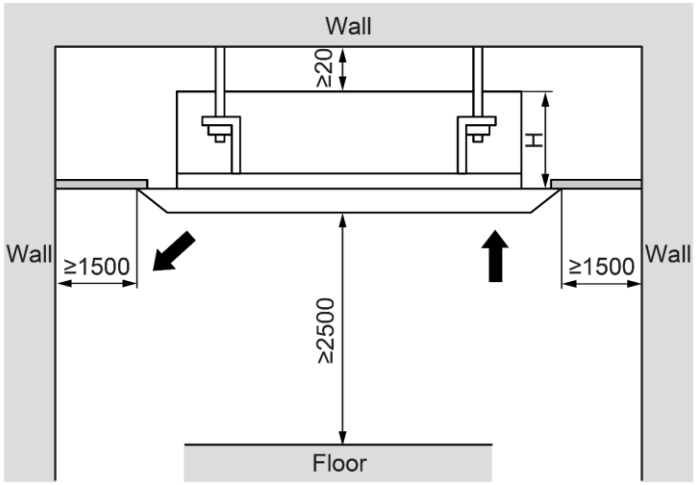
Uint：mm



3.8.2 Installation space

GMV-ND**TD/A-T：

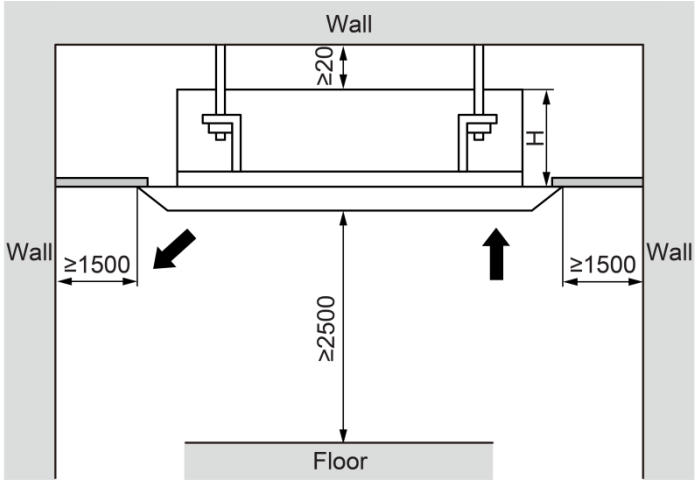
Uint：mm



Models:	H(mm)
GMV-ND22~56TD/A-T	207

GMV-ND**TD/B-T：

Uint：mm



Models:	H(mm)
GMV-ND63~80TD/B-T	250

3.8.3 Installation notice

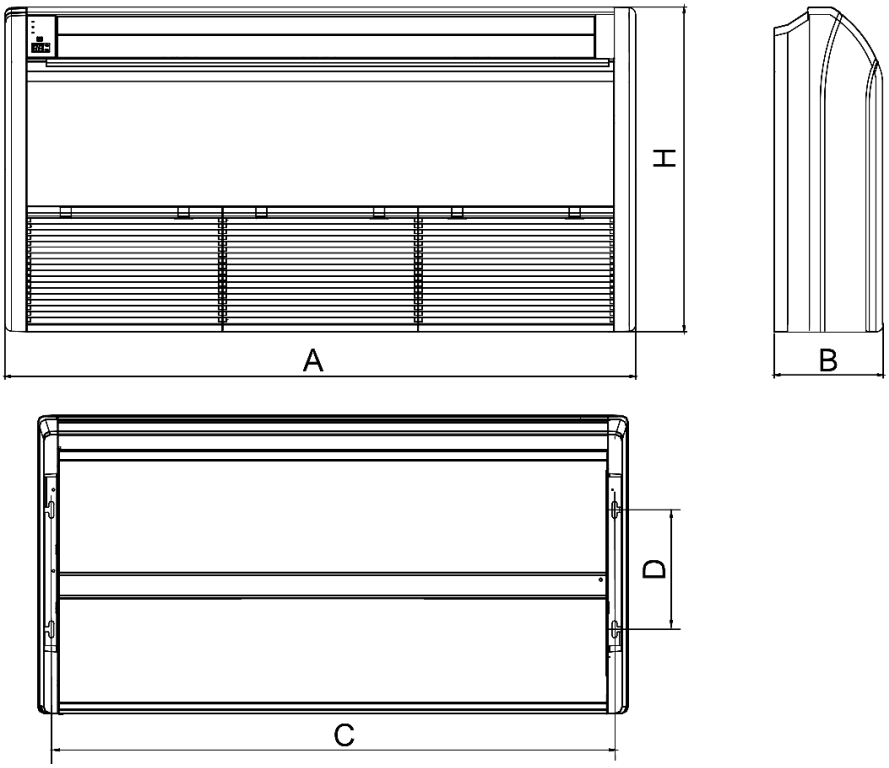
- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- The unit shall be installed in accordance with national standards or local regulations.
- Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- Make sure all the installation work completed before energizing.

3.8.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND22TD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28TD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36TD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45TD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50TD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56TD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63TD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71TD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80TD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.9 Installation of Floor Ceiling Type Unit

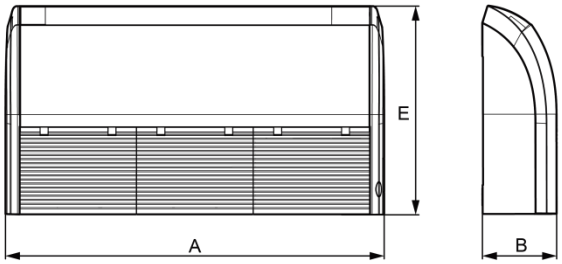
3.9.1 Outline and installation dimension

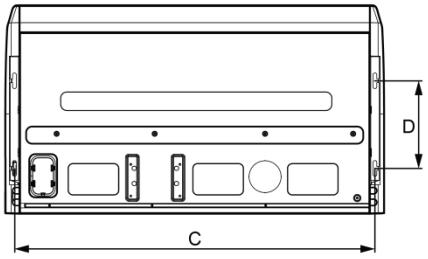


Below are dimensions of A, B, C, etc. for different models:

Unit: mm

Model	A	B	C	D	H	Drainage pipe(Outer Diameter × wall thickness)	Outer diameter of connection pipe	
							Liquid pipe	Gas pipe
GMV-ND28ZD/A-T	1220	225	1158	280	700	Φ17×1.75	6.35	9.52
GMV-ND36ZD/A-T GMV-ND50ZD/A-T							6.35	12.7
GMV-ND56ZD/A-T							9.52	15.9
GMV-ND63ZD/A-T GMV-ND71ZD/A-T GMV-ND90ZD/A-T	1420	245	1354	280	700		9.52	15.9
GMV-ND112ZD/A-T GMV-ND125ZD/A-T GMV-ND140ZD/A-T	1700	245	1634	280	700		9.52	15.9
GMV-ND160ZD/A-T							9.52	19.05





Below are dimensions of A, B, C, etc. for different models:

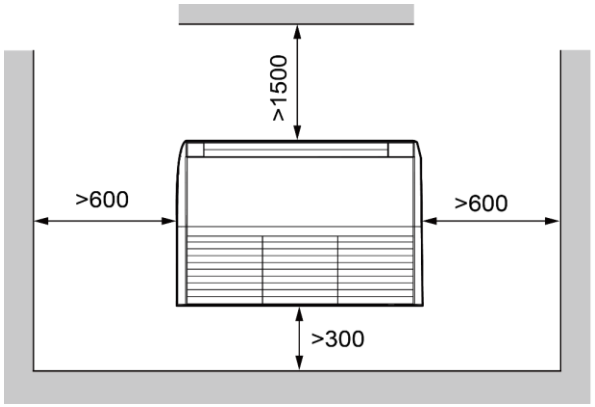
Models	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Drainage pipe(Outer Diameter × wall thickness) (mm)	Outer diameter of connection pipe(mm)	
							Liquid pipe	Gas pipe
GMV-ND28ZD/B-T	870	235	812	280	665	Φ17×1.75	6.35	9.52
GMV-ND36ZD/B-T GMV-ND50ZD/B-T							6.35	12.7
GMV-ND56ZD/B-T							9.52	15.9
GMV-ND63ZD/B-T GMV-ND71ZD/B-T GMV-ND90ZD/B-T	1200	235	1142	280	665		9.52	15.9
GMV-ND112ZD/B-T GMV-ND125ZD/B-T GMV-ND140ZD/B-T	1570	235	1512	280	665		9.52	15.9
GMV-ND160ZD/B-T							9.52	19.05

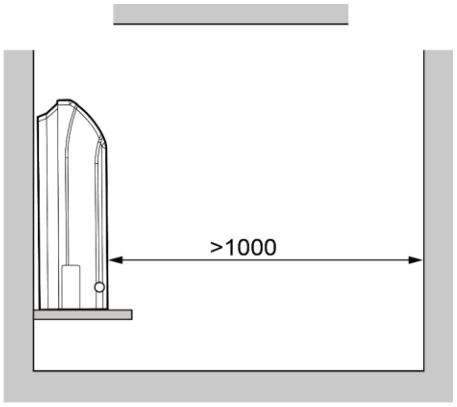
3.9.2 Installation space

Unit: mm

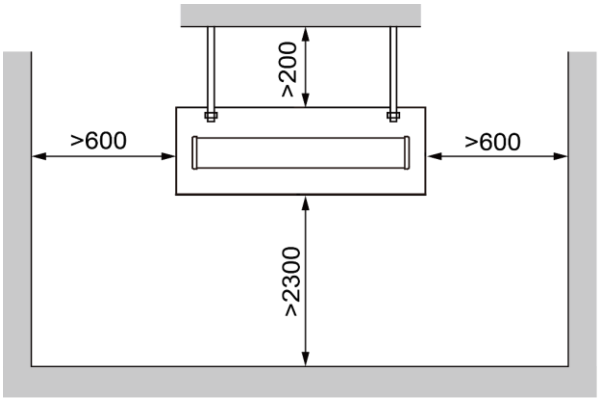
GMV-ND**ZD/A-T：

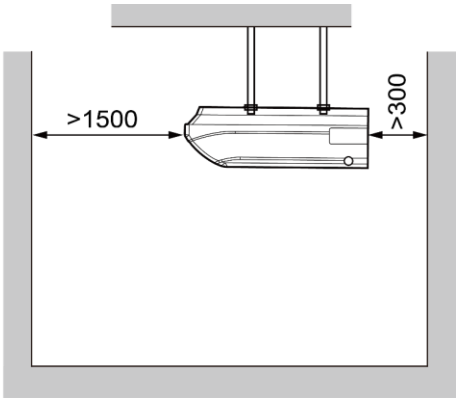
◆ Floor type





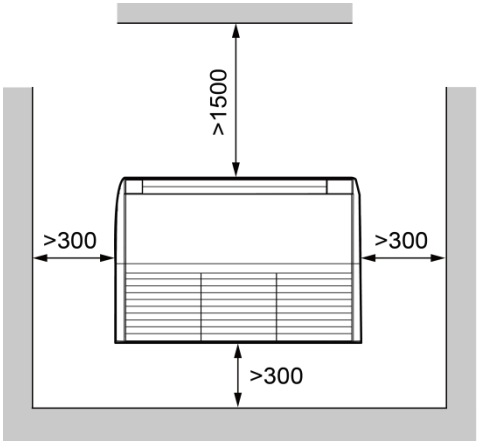
◆ Ceiling type

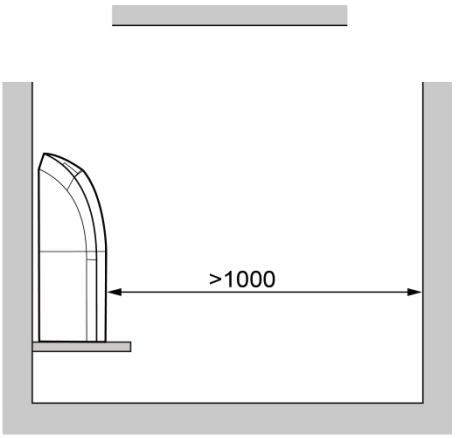




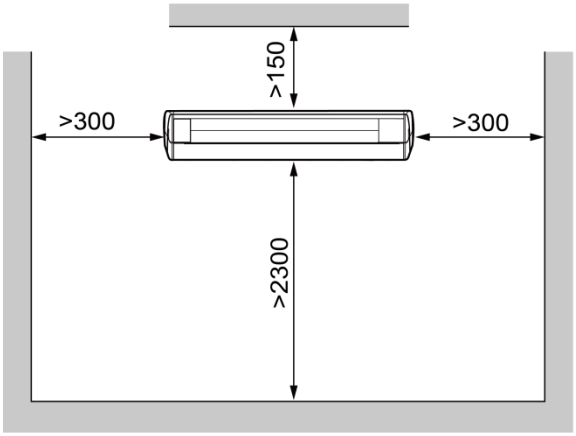
GMV-ND**ZD/B-T：

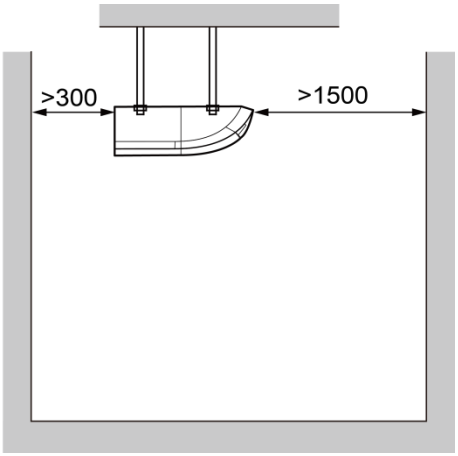
◆ Floor type





◆ Ceiling type





3.9.3 Installation notice

- ◆ The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- ◆ Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- ◆ It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- ◆ The unit shall be installed in accordance with national standards or local regulations.
- ◆ Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- ◆ Make sure all the installation work completed before energizing.

3.9.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND28ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND140ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND160ZD/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND160ZD/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

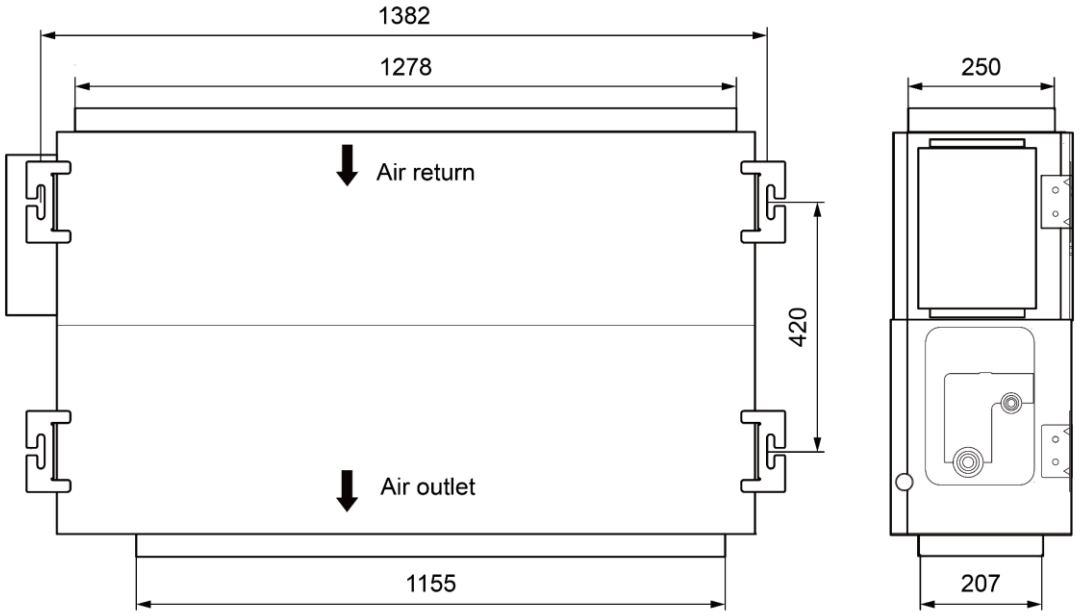
3.10 Installation of Fresh Air Processing Unit

3.10.1 Outline and install4

ation dimension

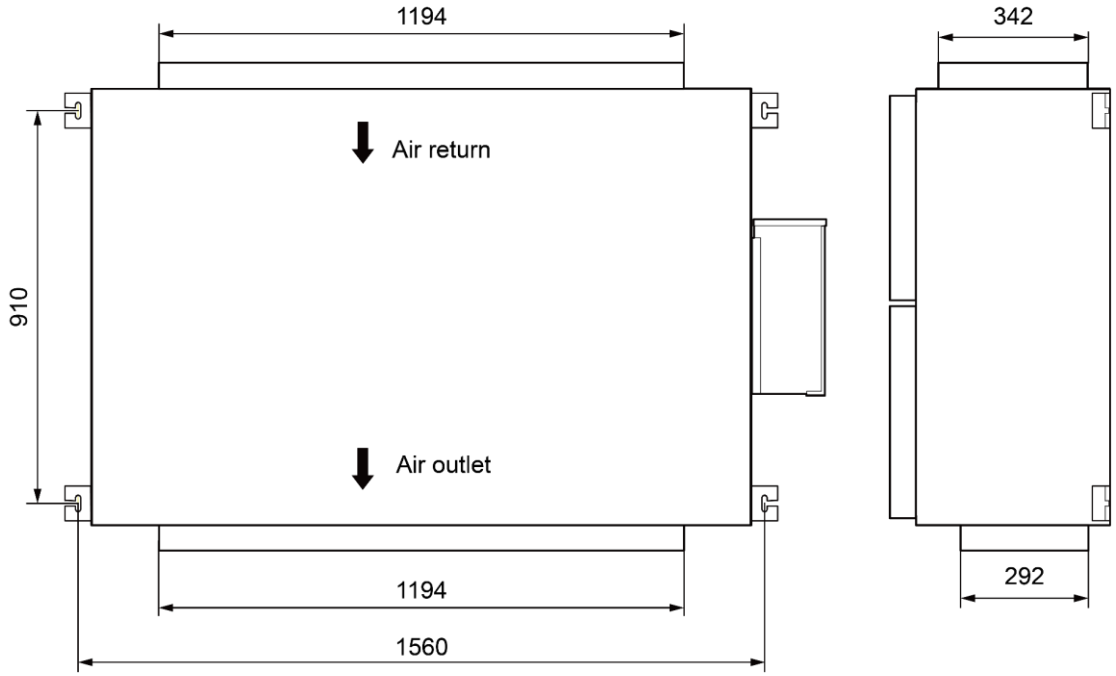
GMV-NX140P/A(X1.2)-K

Unit: mm



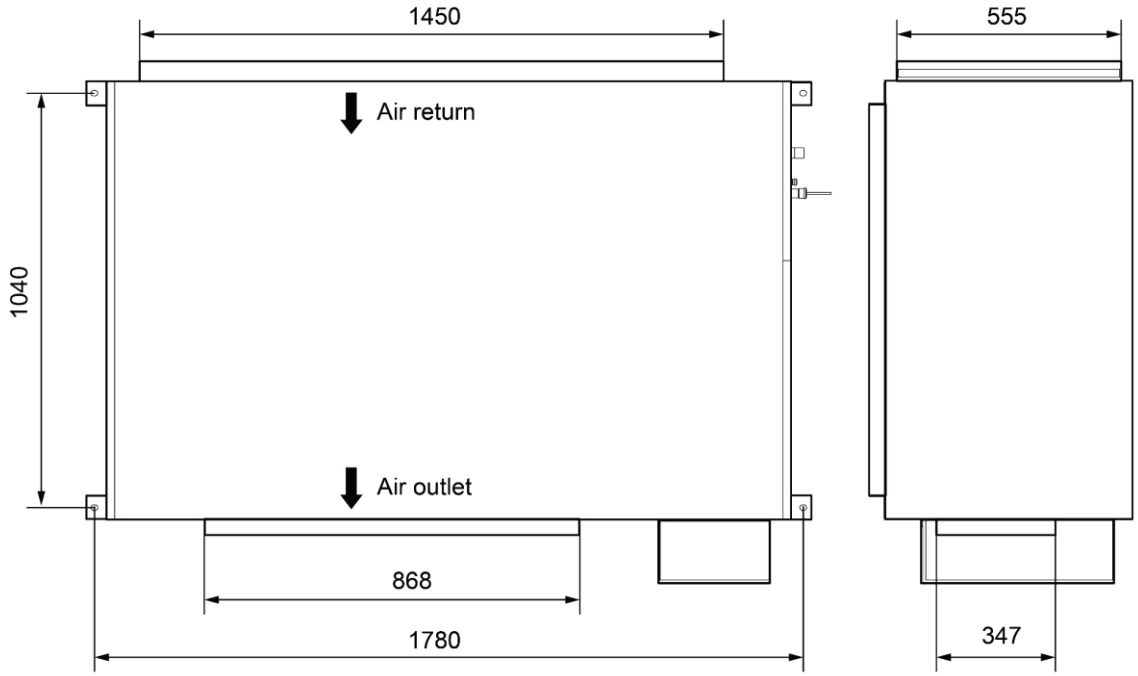
GMV-NX224P/A(X2.0)-M; GMV-NX280P/A(X2.5)-M; GMV-NX280P/A(X3.0)-M

Unit: mm

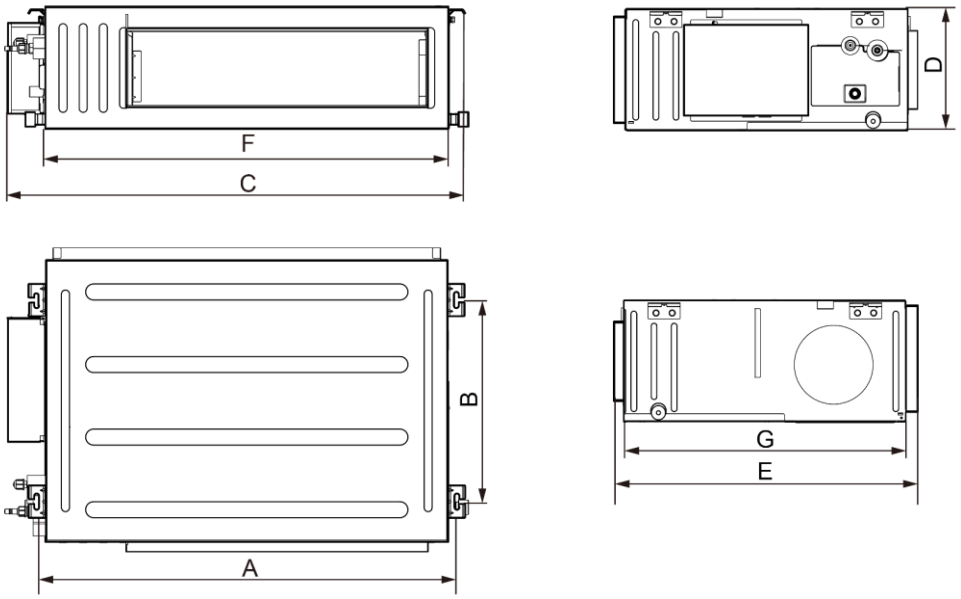


GMV-NX450P/A(X4.0)-M

Unit: mm



GMV-NDX125P/A-T、GMV-NDX140P/A-T

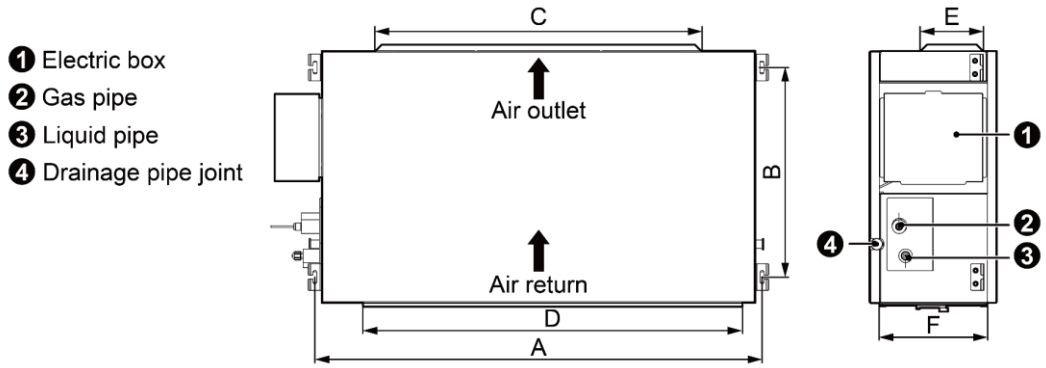


The table below lists the detailed dimensions.

Unit: mm

Model	A	B	C	D	E	F	G
GMV-NDX125P/A-T	1440	500	1530	300	754	1400	700
GMV-NDX140P/A-T	1440	500	1530	300	754	1400	700

GMV-NDX224P/A-T、GMV-NDX250P/A-T 、GMV-NDX280P/A-T



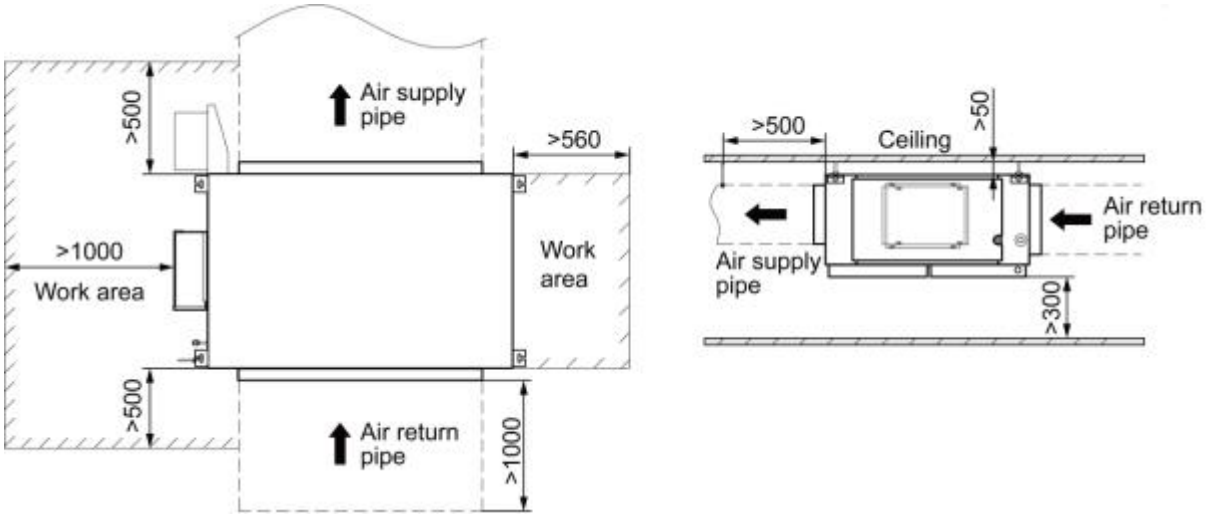
The table below lists the detailed dimensions.

Unit: mm

Model	A	B	C	D	E	F
GMV-NDX224P/A-T	1353	632	992	1150	192	327
GMV-NDX250P/A-T	1353	632	992	1150	192	327
GMV-NDX280P/A-T	1353	632	992	1150	192	327

3.10.2 Installation space

Unit: mm



Notes:

① Installation of the unit must be in accordance with National Electric Codes and local safety regulations.

② Improper installation will affect unit's performance, so do not install the unit by yourself. Please contact local dealer to arrange professional technicians for the installation.

③ Do not connect power until all installation work is finished.

3.10.3 Installation notice

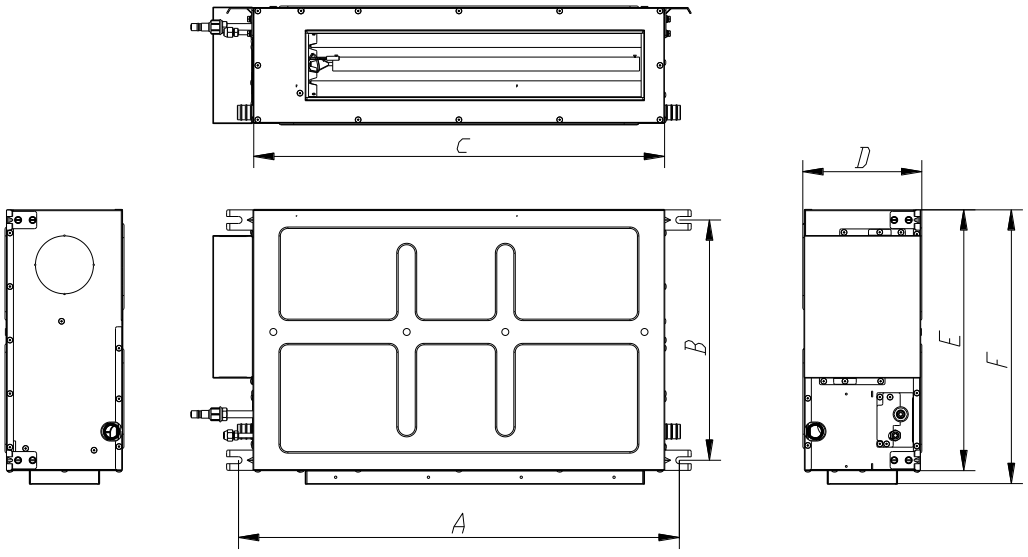
- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.

3.10.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-NX140P/A(X1.2)-K	220-240V~50Hz	6	1.0/AWG18	1.0/AWG18
GMV-NX224P/A(X2.0)-M	380-415V 3N~50Hz	6	1.0/AWG18	1.0/AWG18
GMV-NX280P/A(X2.5)-M	380-415V 3N~50Hz	6	1.0/AWG18	1.0/AWG18
GMV-NX280P/A(X3.0)-M	380-415V 3N~50Hz	6	1.0/AWG18	1.0/AWG18
GMV-NX450P/A(X4.0)-M	380-415V 3N~50Hz	6	1.0/AWG18	1.0/AWG18
GMV-NDX125P/A-T	220-240V ~50Hz 208-230V ~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-NDX140P/A-T	220-240V ~50Hz 208-230V ~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-NDX224P/A-T	220-240V ~50Hz 208-230V ~60Hz	10	1.0/AWG18	1.0/AWG18
GMV-NDX250P/A-T	220-240V ~50Hz 208-230V ~60Hz	10	1.0/AWG18	1.0/AWG18
GMV-NDX280P/A-T	220-240V ~50Hz 208-230V ~60Hz	10	1.0/AWG18	1.0/AWG18

3.11 Installation of Slim Duct Type Unit

3.11.1 Outline and installation dimension

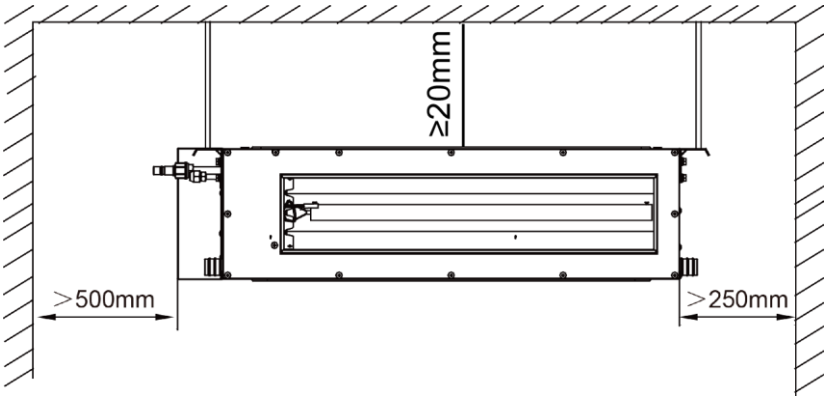


Unit: mm

Model	A	B	C	D	E	F
GMV-ND22~36PL/B-T GMV-ND22~36PLS/B1-T	760	415	710	200	450	475
GMV-ND40~63PL/B-T GMV-ND40~63PLS/B1-T	1060	415	1010	200	450	475
GMV-ND72PL/B-T GMV-ND40~63PLS/B1-T	1360	415	1310	200	450	475

3.11.2 Installation space

Unit: mm



3.11.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- Installation of the unit must be in accordance with National Electric Codes and local regulations.
- Improper installation will affect unit's performance, so do not install the unit by yourself. Please contact local dealer to arrange professional technicians for the installation.
- Do not connect power until all installation work is finished.

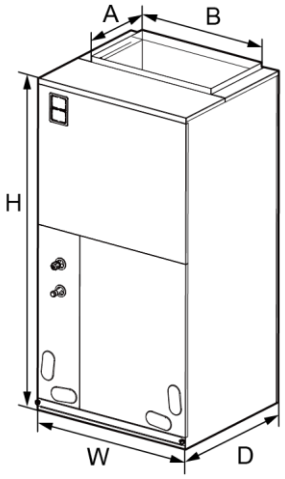
3.11.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2/AWG)	Minimum Sectional Area of Power Cord (mm^2/AWG)
GMV-ND22PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND25PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND32PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND40PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND72PL/B-T	220-240V~50Hz/ 208-230V~60Hz	6	1.0/AWG18	1.0/AWG18

3.12 Installation of Air Handler Type Indoor Unit

3.12.1 Outline and installation dimension



Below are dimensions of A, B, C, etc. for different models:

Unit: mm

Model	W	D	H	A	B
GMV-NR71A/A-D	460	540	1105	295	426
GMV-NR90A/A-D	460	540	1105	295	426
GMV-NR100A/A-D	540	540	1224	295	508
GMV-NR112A/A-D	540	540	1224	295	508
GMV-NR140A/A-D	630	540	1224	295	508

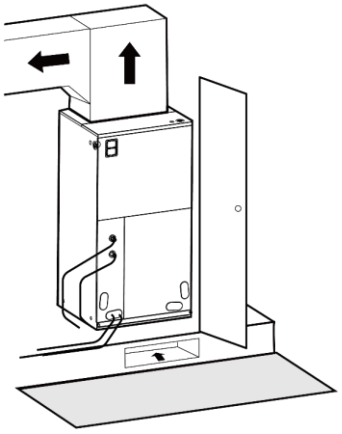
3.12.2 Installation notice

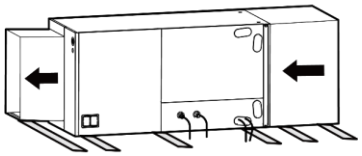
When installing the air handler, take consideration to minimize the length of refrigerant tubing as much as possible. Do not install the air handler in a location either above or below the condenser that violates the instructions provided with the condenser. Service clearance is to take precedence. Allow a minimum of 24” in front of the unit for service clearance. When installing in an area directly over a finished ceiling (such as an attic), an emergency drain pan is required directly under the unit. See local and state codes for requirements. When installing this unit in an area that may become wet, elevate the unit with a sturdy, non-porous material. In installations that may lead to physical damage (i.e. a garage) it is advised to install a protective barrier to prevent such damage.

This air handler is designed for a complete supply and return ductwork system. Do not operate this product without all ductwork attached.

Based upon the actual conditions, if air handler is installed as type (A), the air handler should be concealed in a specific room or space and make sure the air handler is not accessible to the general public.

Based upon the actual conditions, if air handler is installed as type (B), make sure that there is enough space for care and maintenance and the height between the air handler and ground is above 2500mm. And the air handler is not accessible to the general public.



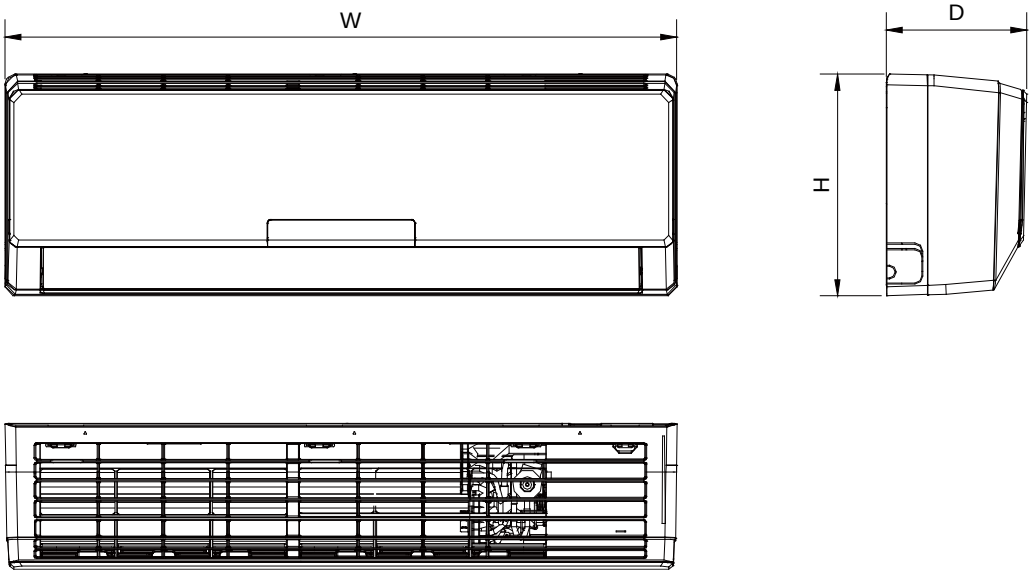


3.12.3 Selection of air switch and power cord

Model	Power Supply	Circuit Breaker Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-NR71A/A-D	208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-NR90A/A-D	208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-NR100A/A-D	208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-NR112A/A-D	208-230V~60Hz	6	1.0/AWG18	1.0/AWG18
GMV-NR140A/A-D	208-230V~60Hz	6	1.0/AWG18	1.0/AWG18

3.13 Installation of Wall-Mounted Unit

3.13.1 Outline and installation dimension



The table below lists the detailed dimensions.

Unit: mm

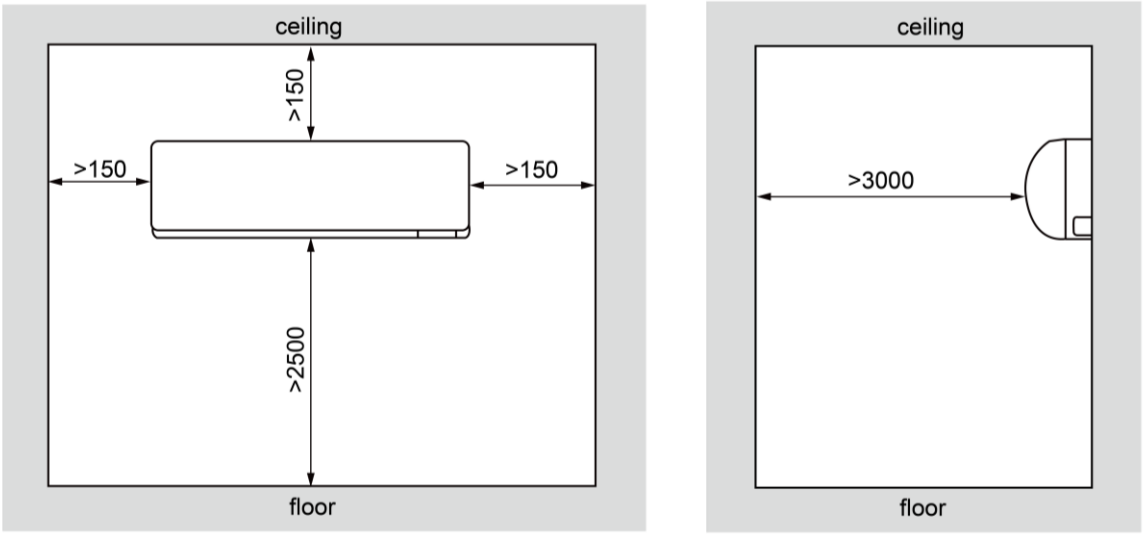
Model	W	H	D
GMV-N22G/A3A-K, GMV-N28G/A3A-K, GMV-N22G/A2A-K, GMV-N28G/A2A-K, GMV-N22G/A4A-K, GMV-N28G/A4A-K, GMV-N22G/A8A-K, GMV-N28G/A8A-K, GMV-N22G/C9A-K, GMV-N28G/C9A-K, GMV-N22G/E3A-K, GMV-N28G/E3A-K, GMV-N22G/B3A-K, GMV-N28G/B3A-K, GMV-N22G/A3A-D, GMV-N28G/A3A-D, GMV-N22G/A2A-D, GMV-N28G/A2A-D, GMV-N22G/A4A-D, GMV-N28G/A4A-D, GMV-N22G/A8A-D, GMV-N28G/A8A-D, GMV-N22G/C9A-D, GMV-N28G/C9A-D, GMV-N22G/E3A-D, GMV-N28G/E3A-D, GMV-N22G/B3A-D, GMV-N28G/B3A-D, GMV-ND22G/A3A-T, GMV-ND28G/A3A-T, GMV-ND22G/A8A-T, GMV-ND28G/A8A-T	843	275	180
GMV-N36G/A3A-K, GMV-N45G/A3A-K, GMV-N50G/A3A-K, GMV-N36G/A2A-K, GMV-N45G/A2A-K, GMV-N50G/A2A-K, GMV-N36G/A4A-K, GMV-N45G/A4A-K, GMV-N50G/A4A-K, GMV-N36G/A8A-K, GMV-N45G/A8A-K, GMV-N50G/A8A-K GMV-N36G/C9A-K, GMV-N45G/C9A-K, GMV-N50G/C9A-K, GMV-N36G/E3A-K, GMV-N45G/E3A-K, GMV-N50G/E3A-K, GMV-N36G/B3A-K, GMV-N45G/B3A-K, GMV-N50G/B3A-K, GMV-N36G/A3A-D, GMV-N45G/A3A-D, GMV-N50G/A3A-D GMV-N36G/A2A-D, GMV-N45G/A2A-D, GMV-N50G/A2A-D, GMV-N36G/A4A-D, GMV-N45G/A4A-D, GMV-N50G/A4A-D, GMV-N36G/A8A-D, GMV-N45G/A8A-D, GMV-N50G/A8A-D, GMV-N36G/C9A-D, GMV-N45G/C9A-D, GMV-N50G/C9A-D, GMV-N36G/E3A-D, GMV-N45G/E3A-D, GMV-N50G/E3A-D, GMV-N36G/B3A-D, GMV-N45G/B3A-D, GMV-N50G/B3A-D, GMV-ND36G/A3A-T, GMV-ND45G/A3A-T, GMV-ND50G/A3A-T, GMV-ND36G/A8A-T, GMV-ND45G/A8A-T, GMV-ND50G/A8A-T	940	298	200
GMV-N56G/A3A-K, GMV-N63G/A3A-K, GMV-N71G/A3A-K, GMV-N56G/A2A-K, GMV-N63G/A2A-K, GMV-N71G/A2A-K, GMV-N56G/A4A-K, GMV-N63G/A4A-K, GMV-N71G/A4A-K, GMV-N56G/A8A-K, GMV-N63G/A8A-K, GMV-N71G/A8A-K GMV-N56G/C9A-K, GMV-N63G/C9A-K, GMV-N71G/C9A-K, GMV-N56G/E3A-K, GMV-N63G/E3A-K, GMV-N71G/E3A-K, GMV-N56G/B3A-K, GMV-N63G/B3A-K, GMV-N71G/B3A-K, GMV-N56G/A3A-D, GMV-N63G/A3A-D, GMV-N71G/A3A-D GMV-N56G/A2A-D, GMV-N63G/A2A-D, GMV-N71G/A2A-D, GMV-N56G/A4A-D, GMV-N63G/A4A-D, GMV-N71G/A4A-D, GMV-N56G/A8A-D, GMV-N63G/A8A-D, GMV-N71G/A8A-D, GMV-N56G/C9A-D, GMV-N63G/C9A-D, GMV-N71G/C9A-D GMV-N56G/E3A-D, GMV-N63G/E3A-D, GMV-N71G/E3A-D, GMV-N56G/B3A-D, GMV-N63G/B3A-D, GMV-N71G/B3A-D, GMV-ND56G/A3A-T, GMV-ND63G/A3A-T, GMV-ND71G/A3A-T, GMV-ND56G/A8A-T, GMV-ND63G/A8A-T, GMV-ND71G/A8A-T	1008	221	319
GMV-ND80G/A3A-T, GMV-ND90G/A3A-T, GMV-ND100G/A3A-T GMV-ND80G/A8A-T, GMV-ND90G/A8A-T, GMV-ND100G/A8A-T	1350	326	258

Model	W	H	D
GMV-ND15G/B6B-T, GMV-ND18G/B6B-T GMV-ND22G/B6B-T, GMV-ND28G/B6B-T, GMV-ND36G/B6B-T GMV-ND15G/B4B-T, GMV-ND18G/B4B-T GMV-ND22G/B4B-T, GMV-ND28G/B4B-T, GMV-ND36G/B4B-T GMV-ND22G/C4B-T, GMV-ND28G/C4B-T, GMV-ND36G/C4B-T GMV-ND22G/C2B-T, GMV-ND28G/C2B-T, GMV-ND36G/C2B-T GMV-ND22G/D2B-T, GMV-ND28G/D2B-T, GMV-ND36G/D2B-T	845	289	209
GMV-ND45G/B6B-T, GMV-ND50G/B6B-T GMV-ND45G/B4B-T, GMV-ND50G/B4B-T GMV-ND45G/C4B-T, GMV-ND50G/C4B-T GMV-ND45G/C2B-T, GMV-ND50G/C2B-T GMV-ND45G/D2B-T, GMV-ND50G/D2B-T	970	300	224
GMV-ND56G/B6B-T, GMV-ND63G/B6B-T, GMV-ND71G/B6B-T GMV-ND56G/B4B-T, GMV-ND63G/B4B-T, GMV-ND71G/B4B-T GMV-ND56G/C2B-T, GMV-ND63G/C2B-T, GMV-ND71G/C2B-T GMV-ND56G/C4B-T, GMV-ND63G/C4B-T, GMV-ND71G/C4B-T GMV-ND56G/D2B-T, GMV-ND63G/D2B-T, GMV-ND71G/D2B-T	1078	325	246
GMV-ND80G/B4B-T, GMV-ND90G/B4B-T, GMV-ND100G/B4B-T	1350	326	258

Model	W	H	D
GMV-ND15G/A1C-T,GMV-ND18G/A1C-T,GMV-ND22G/A1C-T,GMV-ND28G/A1C-T GMV-ND15G/A2C-T,GMV-ND18G/A2C-T,GMV-ND22G/A2C-T,GMV-ND28G/A2C-T GMV-ND15G/A5C-T,GMV-ND18G/A5C-T,GMV-ND22G/A5C-T,GMV-ND28G/A5C-T	867	276	206
GMV-ND36G/A1C-T,GMV-ND45G/A1C-T,GMV-ND50G/A1C-T GMV-ND36G/A2C-T,GMV-ND45G/A2C-T,GMV-ND50G/A2C-T GMV-ND36G/A5C-T,GMV-ND45G/A5C-T,GMV-ND50G/A5C-T	978	333	248
GMV-ND56G/A1C-T,GMV-ND63G/A1C-T,GMV-ND71G/A1C-T GMV-ND56G/A2C-T,GMV-ND63G/A2C-T,GMV-ND71G/A2C-T GMV-ND56G/A5C-T,GMV-ND63G/A5C-T,GMV-ND71G/A5C-T	1116	333	248
GMV-ND80G/A1C-T,GMV-ND90G/A1C-T,GMV-ND100G/A1C-T	1350	333	253
GMV-ND15G/C1-T, GMV-ND18G/C1-T, GMV-ND22G/C1-T, GMV-ND28G/C1-T	907	292	200
GMV-ND36G/C1-T, GMV-ND45G/C1-T, GMV-ND50G/C1-T	970	347	257
GMV-ND56G/C1-T, GMV-ND63G/C1-T, GMV-ND71G/C1-T	1110	347	257

3.13.2 Installation space

Unit: mm



3.13.3 Installation notice

Connect the ends of the connection pipe with two leading pipes, and then tighten the joint nuts tightly.

Connect the connect pipe with the two relative leading pipe, tie the nut on tie –in of the connect pipe tightly.

Notes:

① Be careful in bending the connection pipes, or you would damage the pipes.

② If the tightening torque for the flare nut is too great, leakage would happen.

3.13.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-N22G/A3A-K GMV-N22G/A2A-K GMV-N22G/A4A-K GMV-N22G/A8A-K GMV-N22G/C9A-K GMV-N22G/E3A-K GMV-N22G/B3A-K	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18
GMV-N28G/A3A-K GMV-N28G/A2A-K GMV-N28G/A4A-K GMV-N28G/A8A-K GMV-N28G/C9A-K GMV-N28G/E3A-K GMV-N28G/B3A-K	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18
GMV-N36G/A3A-K GMV-N36G/A2A-K GMV-N36G/A4A-K GMV-N36G/A8A-K GMV-N36G/C9A-K GMV-N36G/E3A-K GMV-N36G/B3A-K	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18
GMV-N45G/A3A-K GMV-N45G/A2A-K GMV-N45G/A4A-K GMV-N45G/A8A-K GMV-N45G/C9A-K GMV-N45G/E3A-K GMV-N45G/B3A-K	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18
GMV-N50G/A3A-K GMV-N50G/A2A-K GMV-N50G/A4A-K GMV-N50G/A8A-K GMV-N50G/C9A-K GMV-N50G/E3A-K GMV-N50G/B3A-K	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18
GMV-N56G/A3A-K GMV-N56G/A2A-K GMV-N56G/A4A-K GMV-N56G/A8A-K GMV-N56G/C9A-K GMV-N56G/E3A-K GMV-N56G/B3A-K	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18
GMV-N63G/A3A-K GMV-N63G/A2A-K GMV-N63G/A4A-K GMV-N63G/A8A-K GMV-N63G/C9A-K GMV-N63G/E3A-K GMV-N63G/B3A-K	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-N71G/A3A-K GMV-N71G/A2A-K GMV-N71G/A4A-K GMV-N71G/A8A-K GMV-N71G/C9A-K GMV-N71G/E3A-K GMV-N71G/B3A-K	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18
GMV-N22G/A3A-D GMV-N22G/A2A-D GMV-N22G/A4A-D GMV-N22G/A8A-D GMV-N22G/C9A-D GMV-N22G/E3A-D GMV-N22G/B3A-D	208~230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-N28G/A3A-D GMV-N28G/A2A-D GMV-N28G/A4A-D GMV-N28G/A8A-D GMV-N28G/C9A-D GMV-N28G/E3A-D GMV-N28G/B3A-D	208~230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-N36G/A3A-D GMV-N36G/A2A-D GMV-N36G/A4A-D GMV-N36G/A8A-D GMV-N36G/C9A-D GMV-N36G/E3A-D GMV-N36G/B3A-D	208~230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-N45G/A3A-D GMV-N45G/A2A-D GMV-N45G/A4A-D GMV-N45G/A8A-D GMV-N45G/C9A-D GMV-N45G/E3A-D GMV-N45G/B3A-D	208~230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-N50G/A3A-D GMV-N50G/A2A-D GMV-N50G/A4A-D GMV-N50G/A8A-D GMV-N50G/C9A-D GMV-N50G/E3A-D GMV-N50G/B3A-D	208~230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-N56G/A3A-D GMV-N56G/A2A-D GMV-N56G/A4A-D GMV-N56G/A8A-D GMV-N56G/C9A-D GMV-N56G/E3A-D GMV-N56G/B3A-D	208~230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-N63G/A3A-D GMV-N63G/A2A-D GMV-N63G/A4A-D GMV-N63G/A8A-D GMV-N63G/C9A-D GMV-N63G/E3A-D GMV-N63G/B3A-D	208~230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-N71G/A3A-D GMV-N71G/A2A-D GMV-N71G/A4A-D GMV-N71G/A8A-D GMV-N71G/C9A-D GMV-N71G/E3A-D GMV-N71G/B3A-D	208~230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND15G/B6B-T GMV-ND15G/B4B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND18G/B6B-T GMV-ND18G/B4B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND22G/A3A-T GMV-ND22G/A8A-T GMV-ND22G/B6B-T GMV-ND22G/B4B-T GMV-ND22G/C4B-T GMV-ND22G/C2B-T GMV-ND22G/D2B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28G/A3A-T GMV-ND28G/A8A-T GMV-ND28G/B6B-T GMV-ND28G/B4B-T GMV-ND28G/C4B-T GMV-ND28G/C2B-T GMV-ND28G/D2B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36G/A3A-T GMV-ND36G/A8A-T GMV-ND36G/B6B-T GMV-ND36G/B4B-T GMV-ND36G/C4B-T GMV-ND36G/C2B-T GMV-ND36G/D2B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45G/A3A-T GMV-ND45G/A8A-T GMV-ND45G/B6B-T GMV-ND45G/B4B-T GMV-ND45G/C4B-T GMV-ND45G/C2B-T GMV-ND45G/D2B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50G/A3A-T GMV-ND50G/A8A-T GMV-ND50G/B6B-T GMV-ND50G/B4B-T GMV-ND50G/C4B-T GMV-ND50G/C2B-T GMV-ND50G/D2B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56G/A3A-T GMV-ND56G/A8A-T GMV-ND56G/B6B-T GMV-ND56G/B4B-T GMV-ND56G/C4B-T GMV-ND56G/C2B-T GMV-ND56G/D2B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND63G/A3A-T GMV-ND63G/A8A-T GMV-ND63G/B6B-T GMV-ND63G/B4B-T GMV-ND63G/C4B-T GMV-ND63G/C2B-T GMV-ND63G/D2B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71G/A3A-T GMV-ND71G/A8A-T GMV-ND71G/B6B-T GMV-ND71G/B4B-T GMV-ND71G/C4B-T GMV-ND71G/C2B-T GMV-ND71G/D2B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80G/A3A-T GMV-ND80G/A8A-T GMV-ND80G/B4B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90G/A3A-T GMV-ND90G/A8A-T GMV-ND90G/B4B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100G/A3A-T GMV-ND100G/A8A-T GMV-ND100G/B4B-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND15G/A1C-T GMV-ND18G/A1C-T GMV-ND22G/A1C-T GMV-ND28G/A1C-T GMV-ND36G/A1C-T GMV-ND45G/A1C-T GMV-ND50G/A1C-T GMV-ND56G/A1C-T GMV-ND63G/A1C-T GMV-ND71G/A1C-T GMV-ND80G/A1C-T GMV-ND90G/A1C-T GMV-ND100G/A1C-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND15G/A2C-T GMV-ND18G/A2C-T GMV-ND22G/A2C-T GMV-ND28G/A2C-T GMV-ND36G/A2C-T GMV-ND45G/A2C-T GMV-ND50G/A2C-T GMV-ND56G/A2C-T GMV-ND63G/A2C-T GMV-ND71G/A2C-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND15G/A5C-T GMV-ND18G/A5C-T GMV-ND22G/A5C-T GMV-ND28G/A5C-T GMV-ND36G/A5C-T GMV-ND45G/A5C-T GMV-ND50G/A5C-T GMV-ND56G/A5C-T GMV-ND63G/A5C-T GMV-ND71G/A5C-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND15G/C1-T GMV-ND18G/C1-T GMV-ND22G/C1-T GMV-ND28G/C1-T GMV-ND36G/C1-T GMV-ND45G/C1-T GMV-ND50G/C1-T GMV-ND56G/C1-T GMV-ND63G/C1-T GMV-ND71G/C1-T	220-240V ~ 50Hz /208-230V ~ 60Hz	6	1.0/AWG18	1.0/AWG18

3.14 Console Type Indoor Unit

3.14.1 Outline and installation dimension

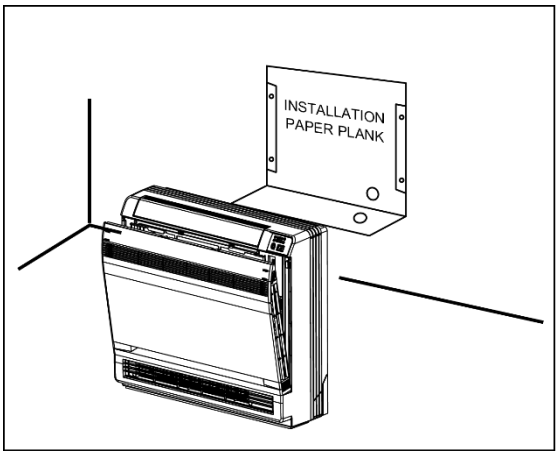
The table below lists the detailed dimensions.

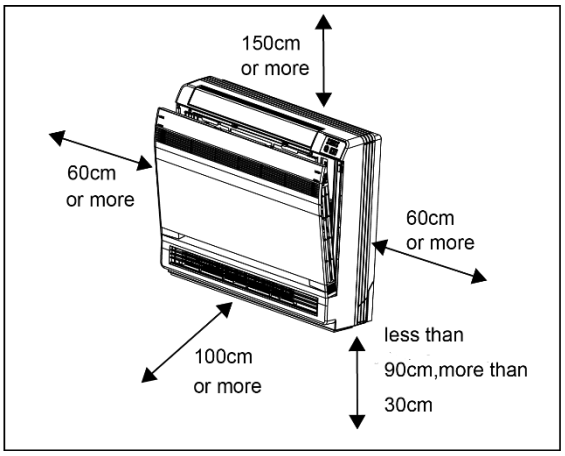
Unit: mm

Model	W	H	D
GMV-ND22C/A-T GMV-ND28C/A-T GMV-ND36C/A-T GMV-ND45C/A-T GMV-ND50C/A-T	700	600	215

3.14.2 Installation space

Unit:mm





3.14.3 Installation notice

Connect the ends of the connection pipe with two leading pipes, and then tighten the joint nuts tightly.

Connect the connect pipe with the two relative leading pipe, tie the nut on tie –in of the connect pipe tightly.

Notes:

① Be careful in bending the connection pipes, or you would damage the pipes.

② If the tightening torque for the flare nut is too great, leakage would happen.

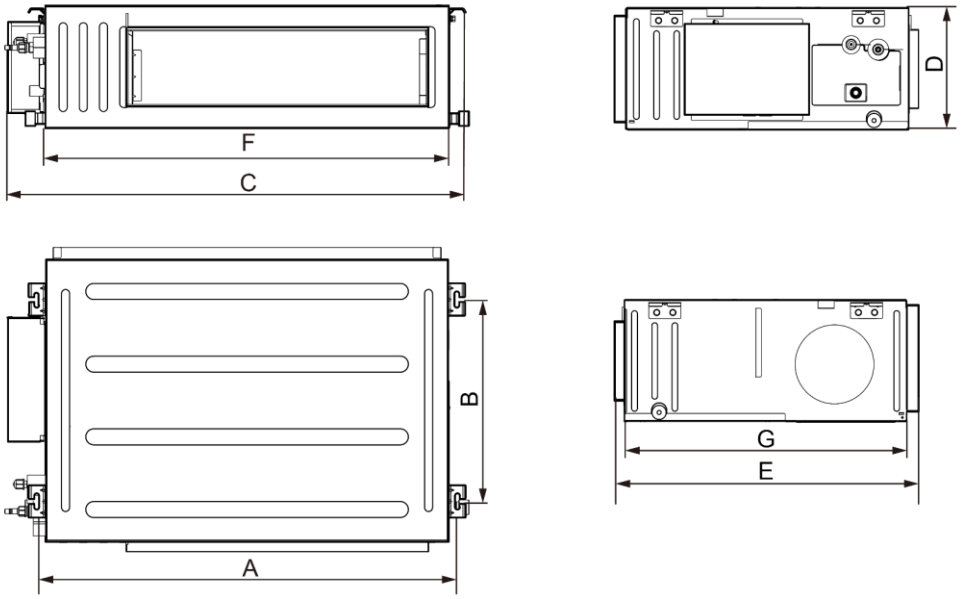
3.14.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND22C/A-T, GMV-ND28C/A-T GMV-ND36C/A-T, GMV-ND45C/A-T GMV-ND50C/A-T	220-240V ~ 50Hz	6	1.0/AWG18	1.0/AWG18

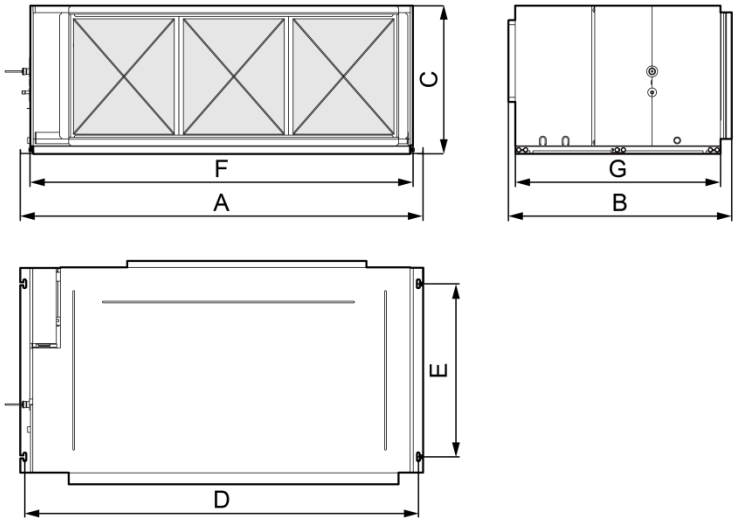
3.15 Installation of Super High Static Pressure Duct Type Indoor Unit

3.15.1 Outline and installation dimension

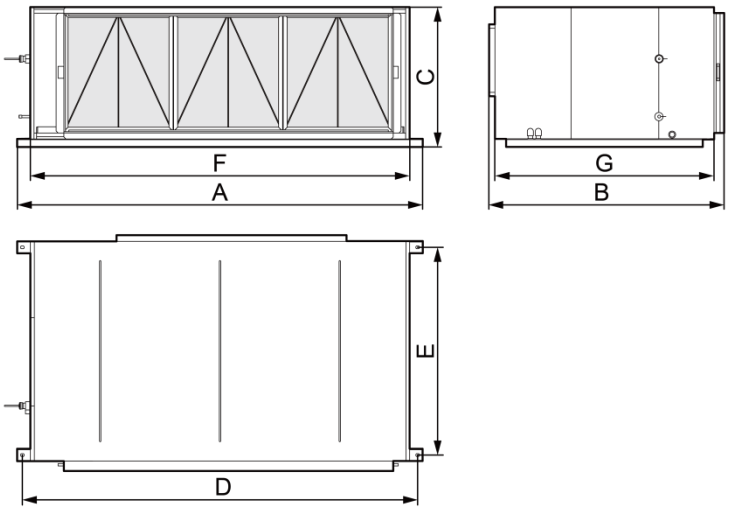
Model: GMV-ND22PHS/B-T~ GMV-ND180PHS/B-T



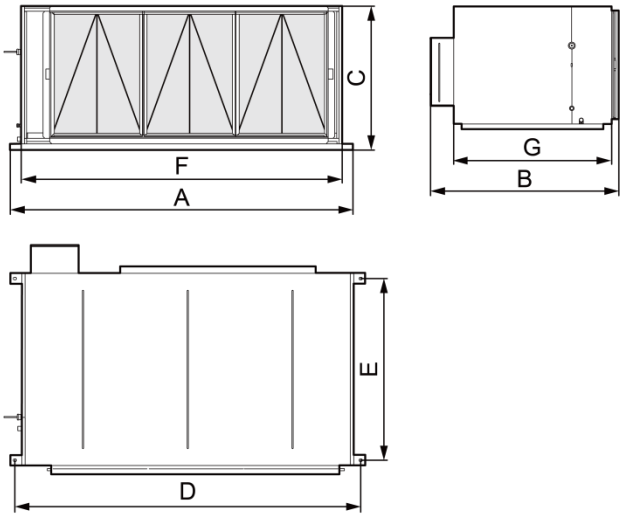
Model: GMV-ND400PH/AR-X



Model: GMV-ND450PH/AR-X



Model: GMV-N560PH/AR-M



Below are dimensions of A, B, C, etc. for different models:

Unit: mm

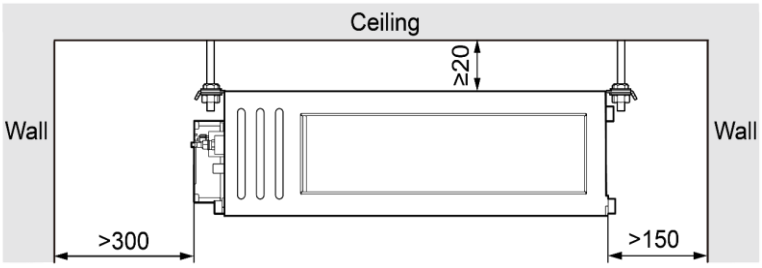
Model	A	B	C	D	E	F	G
GMV-ND22PHS/B-T GMV-ND25PHS/B-T GMV-ND28PHS/B-T GMV-ND32PHS/B-T GMV-ND36PHS/B-T GMV-ND40PHS/B-T GMV-ND45PHS/B-T GMV-ND50PHS/B-T	740	500	830	300	754	700	700
GMV-ND56PHS/B-T GMV-ND63PHS/B-T GMV-ND71PHS/B-T GMV-ND80PHS/B-T	1040	500	1130	300	754	1000	700
GMV-ND90PHS/B-T GMV-ND100PHS/B-T GMV-ND112PHS/B-T GMV-ND125PHS/B-T GMV-ND140PHS/B-T GMV-ND160PHS/B-T	1440	500	1530	300	754	1400	700

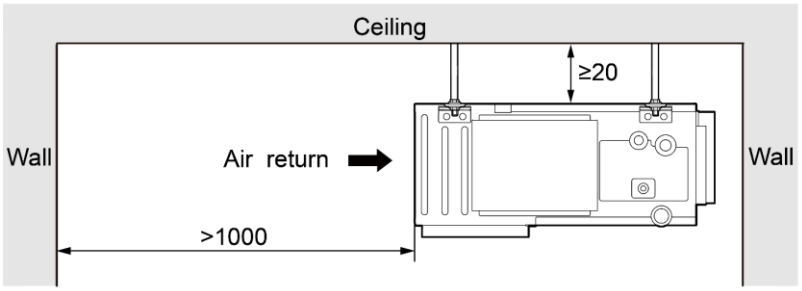
Model	A	B	C	D	E	F	G
GMV-ND180PHS/B-T	1440	500	1580	300	754	1400	700
GMV-ND400PH/AR-X	1770	982	650	1730	760	1680	900
GMV-ND450PH/AR-X	2030	1179	700	1980	1040	1900	1100
GMV-N560PH/AR-M	2030	1309	850	1980	1040	1900	1100

3.15.2 Installation space

Model: GMV-ND22PHS/B-T~ GMV-ND180PHS/B-T

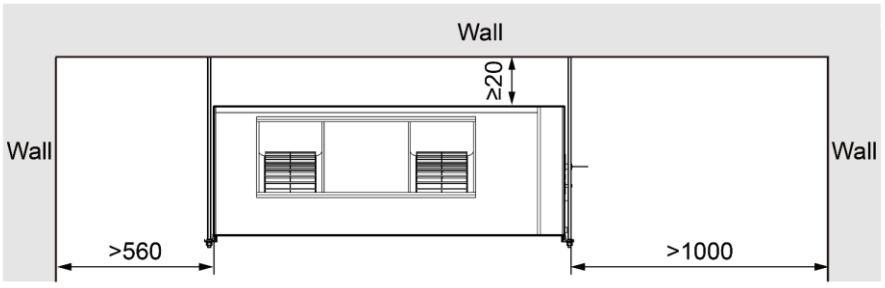
Unit: mm

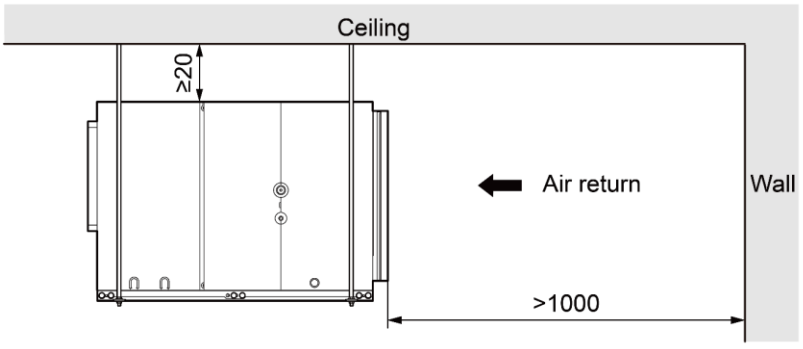




Model: GMV-ND400PH/AR-X

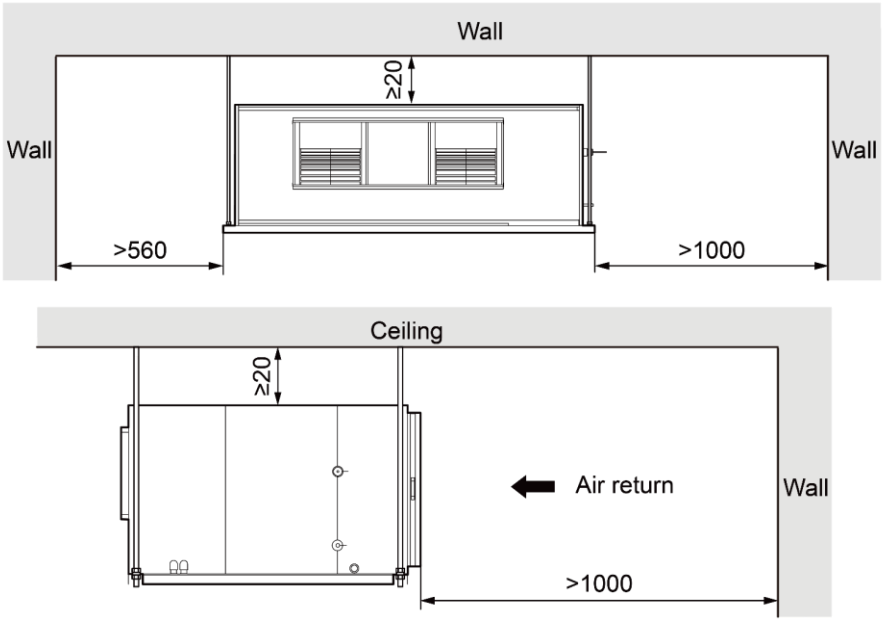
Unit: mm





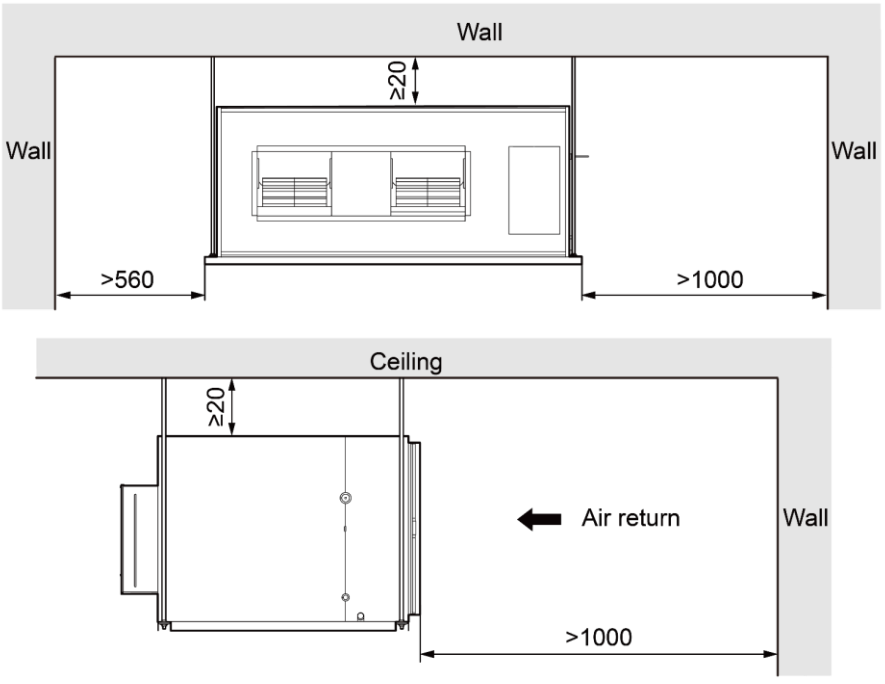
Model: GMV-ND450PH/AR-X

Unit: mm



Model: GMV-N560PH/AR-M

Unit: mm



3.15.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.

- Installation of the unit must be in accordance with National Electric Codes and local regulations.
- Improper installation will affect unit's performance, so do not install the unit by yourself. Please contact local dealer to arrange professional technicians for the installation.
- Do not connect power until all installation work is finished.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

3.15.4 Selection of air switch and power cord

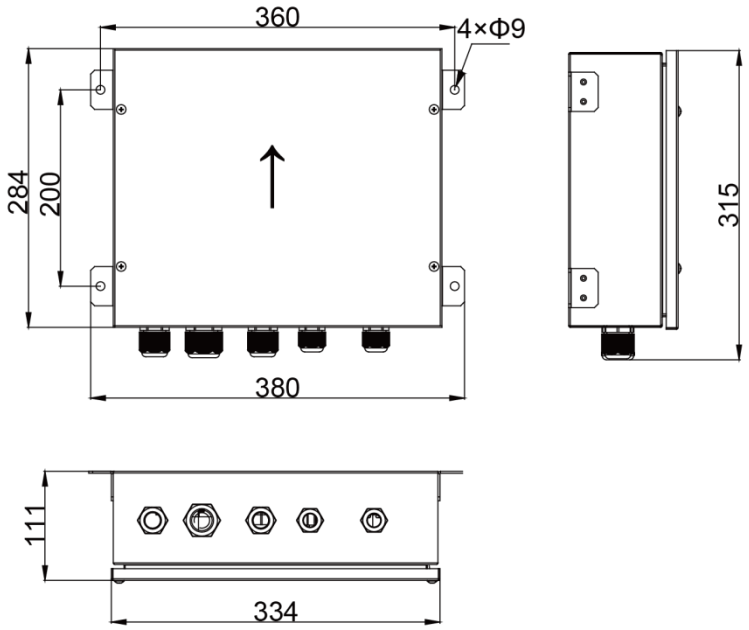
Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND22PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND25PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND32PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND40PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND160PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND180PHS/B-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND400PH/AR-X	380-415V 3N~50/60Hz	10	1.0/AWG18	1.0/AWG18
GMV-ND450PH/AR-X	380-415V 3N~50/60Hz	10	1.0/AWG18	1.0/AWG18
GMV-N560PH/AR-M	380V 3N~50Hz	10	1.0/AWG18	1.0/AWG18

3.16 Installation of AHU-KIT Type

3.16.1 Outline and installation dimension

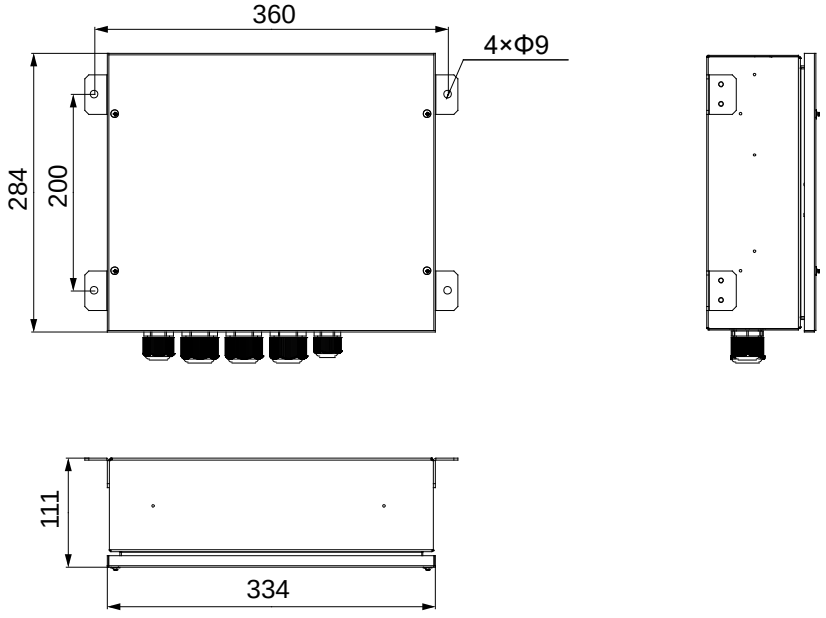
(1) Size of control box for GMV-N36U/A-T, GMV-N71U/A-T, GMV-N140U/A-T, GMV-N280U/A-T, GMV-N560U/A-T, GMV-N36U/B-T, GMV-N71U/B-T, GMV-N140U/B-T, GMV-N280U/B-T and GMV-N560U/B-T:

Unit: mm



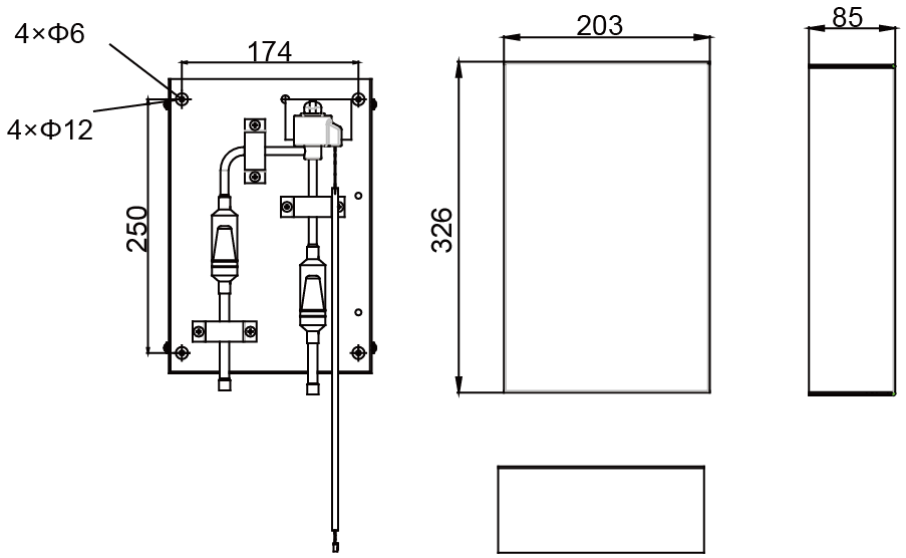
(2) Size of control box for GMV-N36U/C-T, GMV-N71U/C-T, GMV-N140U/C-T, GMV-N280U/C-T and GMV-N560U/C-T, GMV-N36U/D-T, GMV-N71U/D-T, GMV-N180U/D-T, GMV-N450U/D-T and GMV-N840U/D-T:

Unit: mm



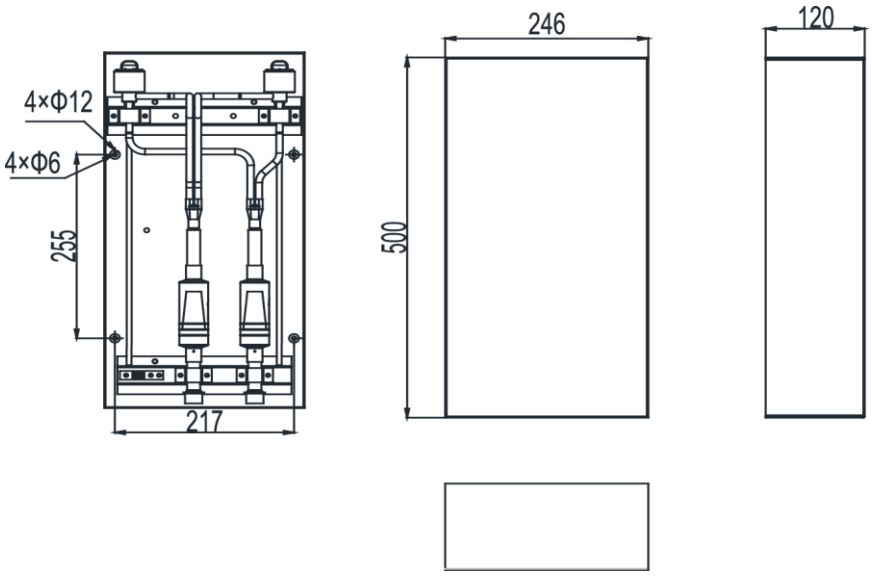
(3) Size of EXV box for GMV-N36U/A-T, GMV-N71U/A-T, GMV-N140U/A-T and GMV-N280U/A-T:

Unit: mm



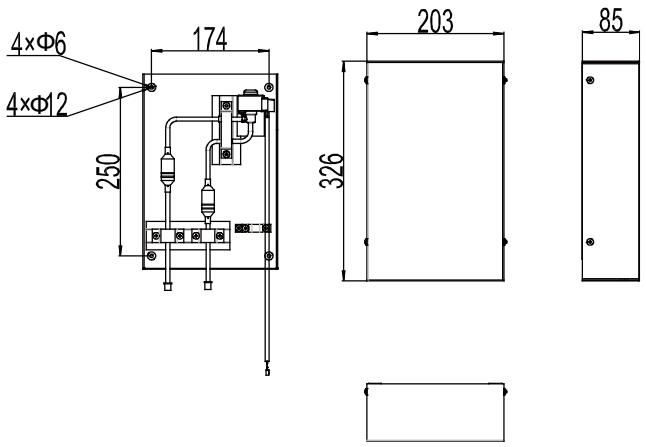
(4) Size of EXV box for GMV-N560U/A-T:

Unit: mm



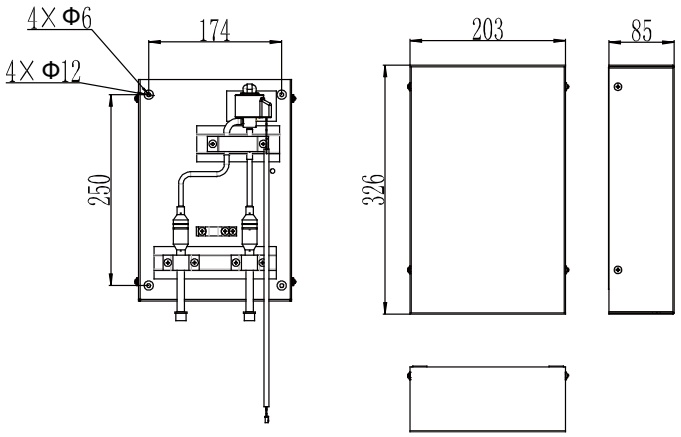
(5) Size of EXV box for GMV-N36U/B-T, GMV-N36U/C-T and GMV-N36U/D-T:

Unit: mm



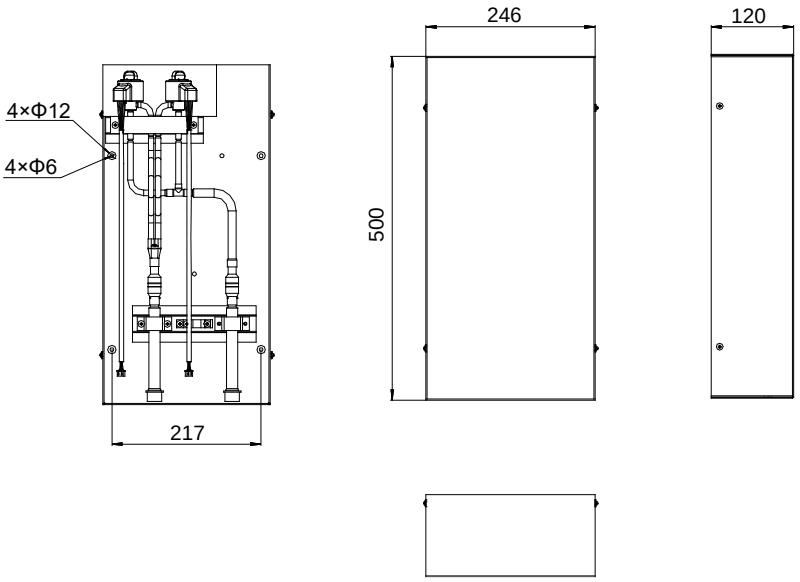
(6) Size of EXV box for GMV-N71U/B-T, GMV-N140U/B-T, GMV-N280U/B-T, GMV-N71U/C-T,GMV-N140U/C-T, GMV-N280U/C-T, GMV-N71U/D-T,GMV-N180U/D-T, GMV-N450U/D-T:

Unit: mm



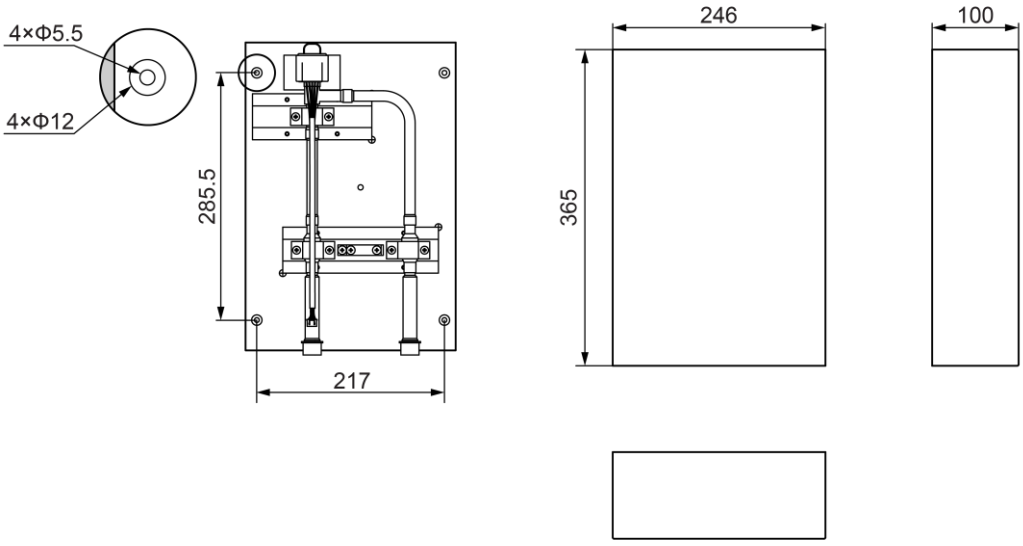
(7) Size of EXV box for GMV-N560U/B-T and GMV-N560U/C-T:

Unit: mm



(8) Size of EXV box for GMV-N840U/D-T:

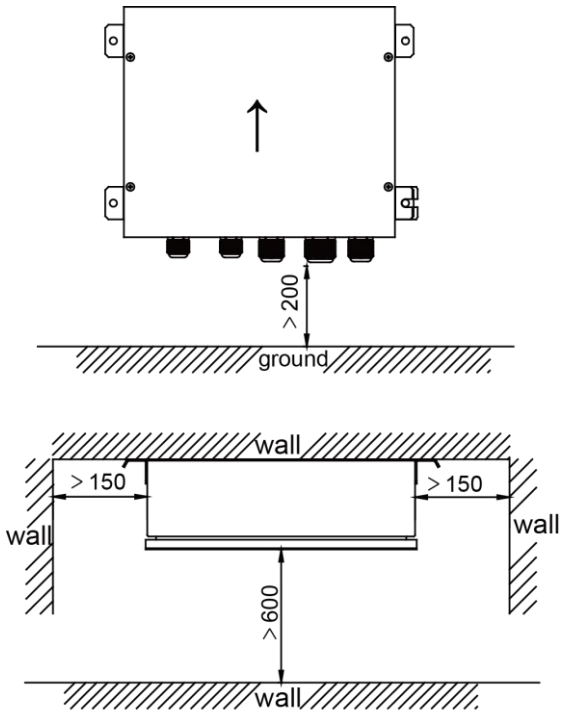
Unit: mm



3.16.2 Installation space

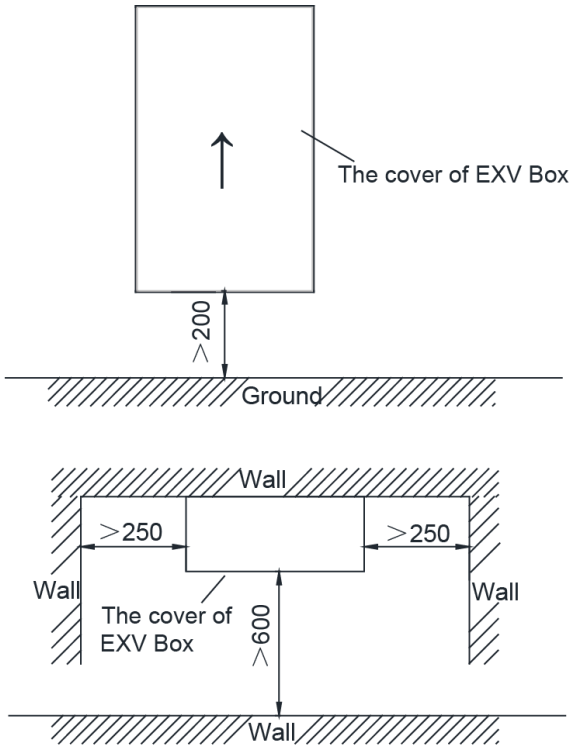
Unit: mm

(1) Maintenance space of control space:



The control box must be installed upwards as the direction of the arrow shown in the figure

(2) Maintenance space of EXV box:



The EXV box must be installed upwards as the direction of the arrow shown in the figure

3.16.3 Installation notice

- The EXV box can be installed inside and outside. The control box should be installed inside.
- Do not install the EXV box in or on the outdoor unit.
- Do not put the option boxes in direct sunlight. Direct sunlight will increase the temperature inside the option boxes and may reduce its lifetime and influence its operation.
- Choose a flat and strong mounting surface.
- Make sure there is enough free space in front and in the side of the AHU-KIT unit for future maintenance.
- The installation site should be far away from heat source, inflammable gas and smoke.
- Keep the air handling unit, power supply wiring and transmission wiring at least 1 m away from televisions and radios. This is to prevent image interference and noise in those electrical appliances (Noise may be generated depending on the conditions under which the electric wave is generated, even if 1 m is kept).
- Make sure the electronic expansion valve is installed in an upright position.

3.16.4 EXV Installation

3.16.4.1 Mechanical Installation

(1) Remove the EXV box cover by unscrewing screws.

(2) Drill 4 holes on correct position (measurements as indicated in figure below) and fix the valve kit box securely with 4 screws through the provided holes Ø12 mm.

Notes:

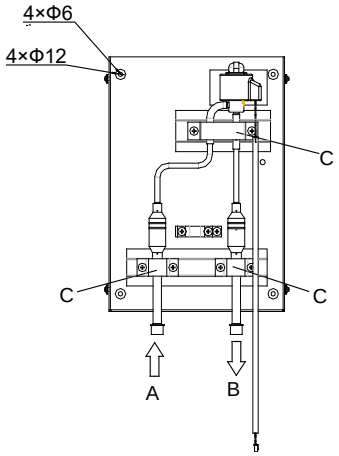
① Make sure that the EXV box is installed upwards.

② Make sure there is enough free space in front and in the side of the box for future maintenance.

3.16.4.2 Brazing Work

Unit: mm

(1) Prepare the inlet/outlet field piping just in front of the connection (do not braze yet).



A: Inlet coming from the outdoor unit

B: Outlet to air handling unit

C: Wire clamp

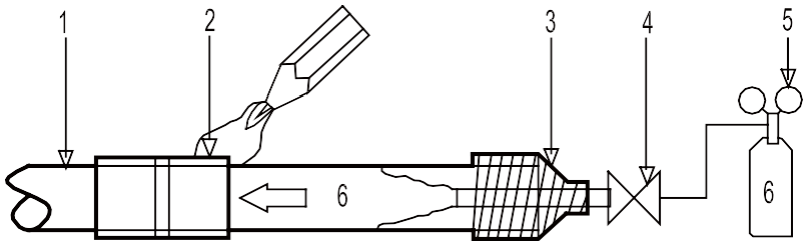
(2) Remove the wire clamp (C) by unscrewing 6xM4.2.

(3) Braze the field piping.

Notes:

① Make sure there is nitrogen protection during welding.
Brazing without carrying out nitrogen replacement or releasing nitrogen into the piping will create large quantities of oxidized film on the inside of the pipes, adversely affecting valves and compressors in the refrigerating system and preventing normal operation.

② When brazing while inserting nitrogen into the piping, nitrogen must be set to 0.02 MPa with a pressure-reducing valve (=just enough so that it can be felt on the skin).



1: Refrigerant piping

2: Part to be brazed

3: Taping

4: Hands valve

5: Pressure-reducing valve

6: Nitrogen

For details, see manual of the outdoor unit.

③ Make sure to cool the filters and valve body with a wet cloth and make sure the body temperature does not exceed 120°C during brazing.

④ Make sure that the other parts such as electrical box, tie wraps and wires are protected from direct brazing flames during brazing.

⑤ The EXV box is required to be installed in a vertical direction within the range of 90±15° (not allowed for horizontal work). Welding the connection tubes first before refrigerant pipes in order to avoid face-down soldering.

⑥ All field piping must be provided by a licensed refrigeration technician and must comply with the relevant local and national codes.

a) For refrigerant piping of outdoor unit, refer to the installation manual supplied with the outdoor unit.

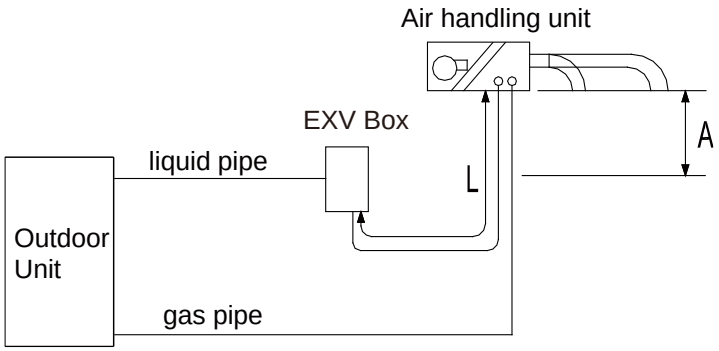
b) The maximum allowed piping length depends on the connected outdoor model.

⑦ Secure the wire clamp (C) in place again (6xM4.2).

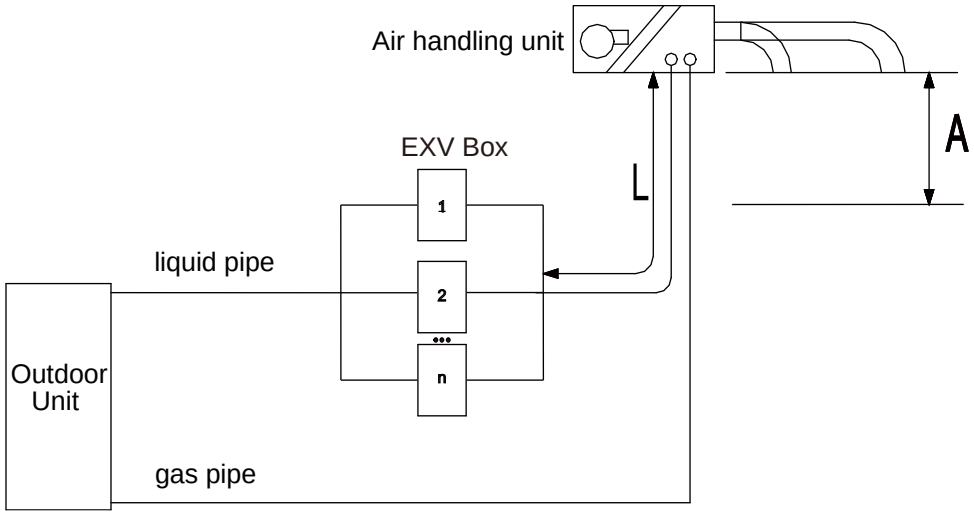
⑧ Make sure that field pipes are fully insulated. Make sure that there is no gap between both ends in order to avoid condensation dripping (finish the connection with tape eventually).

3.16.5 Piping Installation

When one AHU-KIT is connected to one AHU, the piping installation diagram is as follows:



When several AHU-KITs are connected to one AHU, the piping installation diagram is as follows:



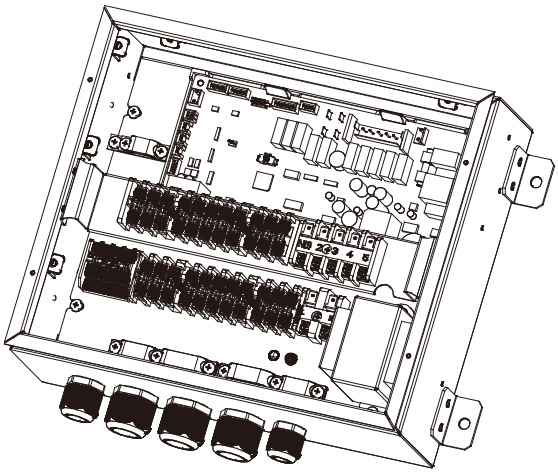
Notes:

A: When the air handling unit is installed at the top of the EXV box, vertical distance between the bottom of the air handling unit to the EXV box is no more than 2 m; if the air handling unit is installed under the EXV box, vertical distance between the bottom of the air handling unit to the EXV box is no more than 2 m.

L: The length of liquid pipe between the air handling unit to EXV box is no more than 2 m.

L is to be considered as a part of the total maximum piping length. See installation manual of the outdoor unit for piping installation.

3.16.6 Installation of the Control Box



3.16.6.1 Mechanical Installation

(1) Fix the control box with its hanger brackets to the mounting surface.

(2) Open the lid of the control box.

(3) For electrical wiring: refer to the following contents.

(4) Install the screw nuts.

(5) Close the unnecessary openings.

(6) Close the lid securely after installation to ensure that the control box is watertight.

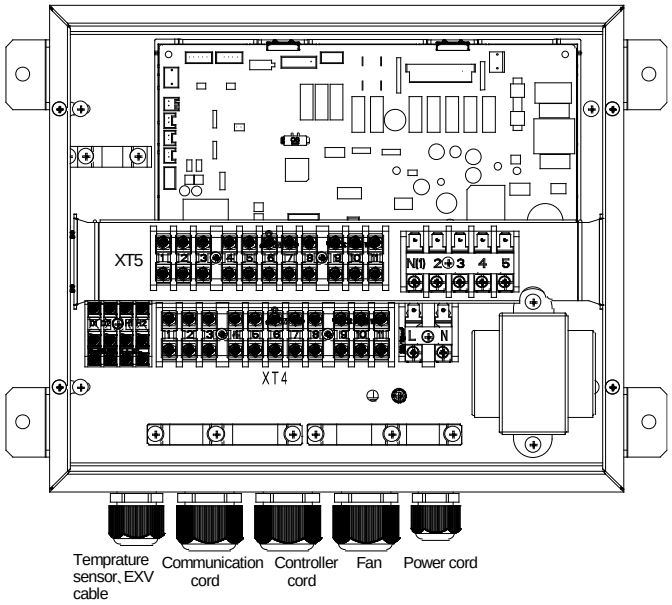
3.16.6.2 Wire connection Inside the Control Box

Wring of Control Accessories when One AHU-KIT is Connected to One AHU

Notes:

① Pull the wires inside through the screw nut and close the nut firmly in order to ensure a good pull relieve and water protection.

② The cables require an additional pull relief. Fixing the cable with the wire clamp.

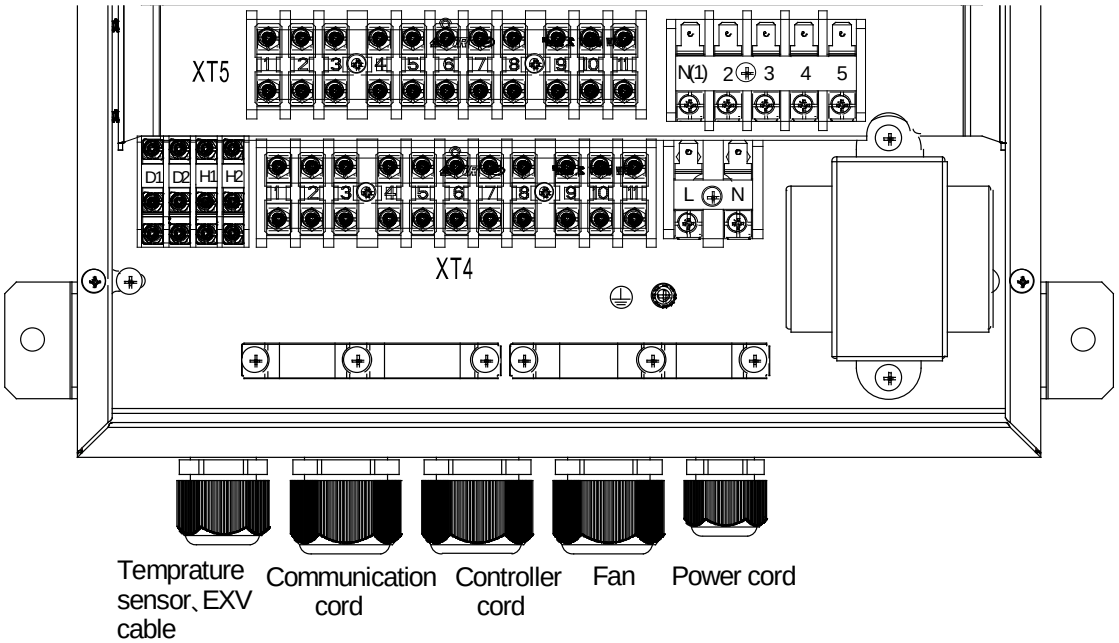


Precautions:

① Temperature sensor cable and remote controller wire should be kept away from power cable in a distance of at least 50mm. Violating this rule may generate electric noise and lead to malfunctions.

② Use wires as specified and connect them tightly with wiring terminals. Keep the wires in order and do not obstruct other devices. Insecure connection may result in overheating or even cause electric shock or fire hazard.

Wiring connection:



Connecting cables according to the following instructions, as figure shown above.

L..... Live

N..... Neutral

PE..... Protective earth (screw)

2.....High gear of fan

3.....Middle gear of fan

4..... Low gear of fan

D1/D2.....Communication wires

H1/H2.....Wired controller

Notes:

① The 2, 3, 4 of fan gear lines are shorted by the factory default.

② Neutral line of fan connects to the N (1).

③ It can be connected to any of them (2, 3, 4) when there is only one gear.

④ Disconnect the short cable between 2 and 3 when there are two gears, then connect the high gear cable to 2, and connect low gear cable to either 3 or 4.

⑤ When there are three gears, disconnect the short cables between 2 and 3, 3 and 4, then connect the high gear cable, middle gear cable and low gear cable to 2,3,4 for each.

⑥ Pull the wires inside through the screw nut and close the nut firmly in order to ensure a good pull relieve and water protection.

⑦ Put through the wires to the coil, tighten the coil while maintaining loose condition of wires to ensure it is not closely tied up and is waterproof.

⑧ Wiring connection of XT4 and XT5 refer to the following contents.

Wiring of Control Accessories when Several AHU-KITs are in Parallel Connection with One AHU

For the wring of control accessories when several AHU-KITs are in parallel connection with one AHU, connect fan control wire and external signal feedback signal wire of air handling unit to any one AHU-KIT. Please refer to the wiring method of AHU-KIT for the connection method.

3.16.7 Installation of the Temperature Sensors

3.16.7.1 Refrigerant Temperature Sensors

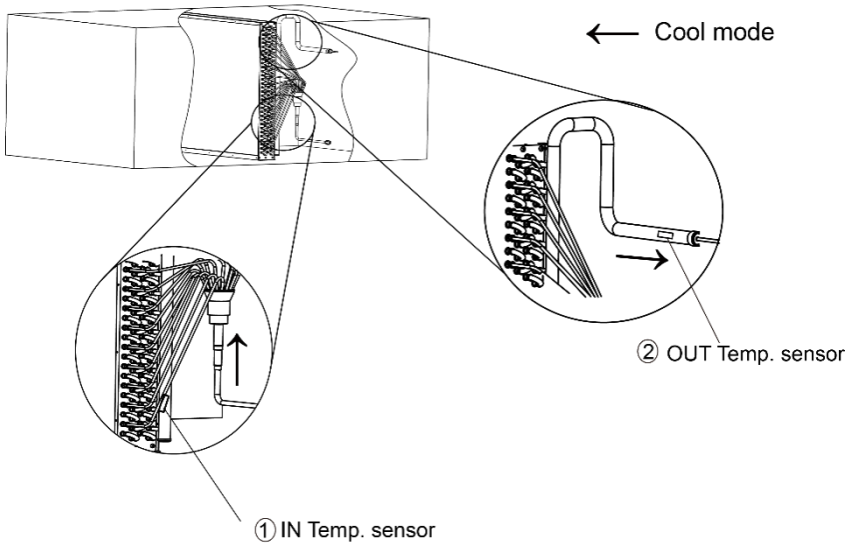
Location of the temperature sensor: A correct installation of the temperature sensors is required to ensure a good operation:

(1) IN Temp. sensor(Liquid Temp. sensor)

Install the IN temperature sensor after the distributor and on the coldest temperature pipe of a heat exchanger.

(2) OUT Temp. sensor (Gas Temp. sensor)

Install the OUT temperature sensor 200mm after the outlet of the heat exchanger.



① IN Temp. sensor (Liquid Temp. sensor)

② OUT Temp. sensor (Gas Temp. sensor)

Installation of the temperature sensor cable:

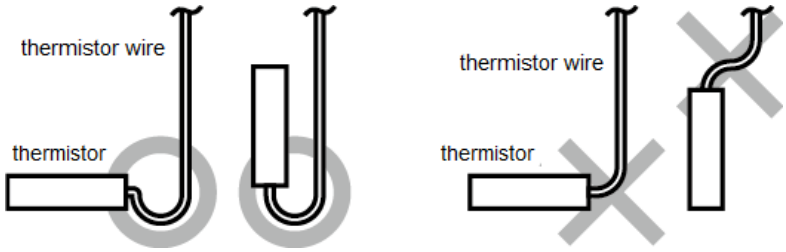
(1) The length of temperature sensor wire is 10 m.

(2) Put the temperature sensor cable in an individual protective tube.

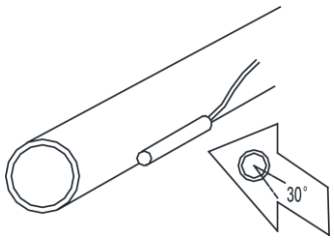
(3) Apply stress release in the temperature sensor wire to prevent the temperature sensor wire from getting loose due to stress. Stress or looseness of temperature sensor wire will lead to poor contact and inaccuracy of temperature measuring.

Fixation of the temperature sensor:

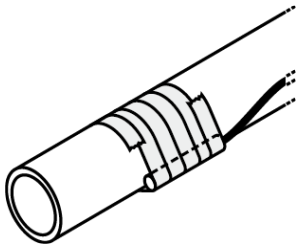
a) Put the temperature sensor wire slightly down to avoid water accumulation on top of the temperature sensor.



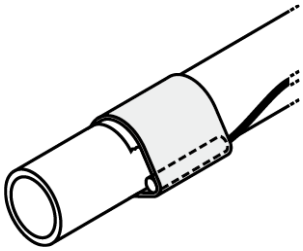
b) Keep the temperature sensor and air handling unit in good contact. Put the top of the temperature sensor on the air handling unit, because the top of temperature sensor is the most sensitive part. Please fixing the temperature sensor on the horizontal plane of copper tube (within ±30°), and make them close together.



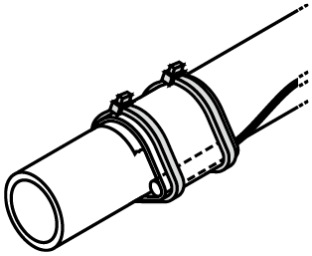
c) Fix the temperature sensor with insulating aluminum tape in order to ensure good heat transference.



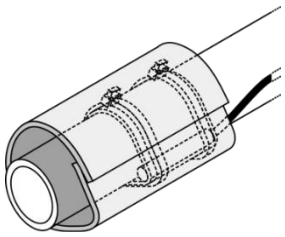
d) Cover the temperature sensor with rubber belt to prevent looseness of temperature sensor.



e) Use two wire ties to bind the temperature sensor securely.



f) Wrap the temperature sensor with insulator.



3.16.7.2 Air Temperature Sensor and Air Outlet Temperature Sensor

The air temperature sensor can be installed in the space which needs temperature control, or the inlet scoop of air handling unit.

The air temperature outlet sensor can be installed in the outlet scoop of air handling unit.

Notes:

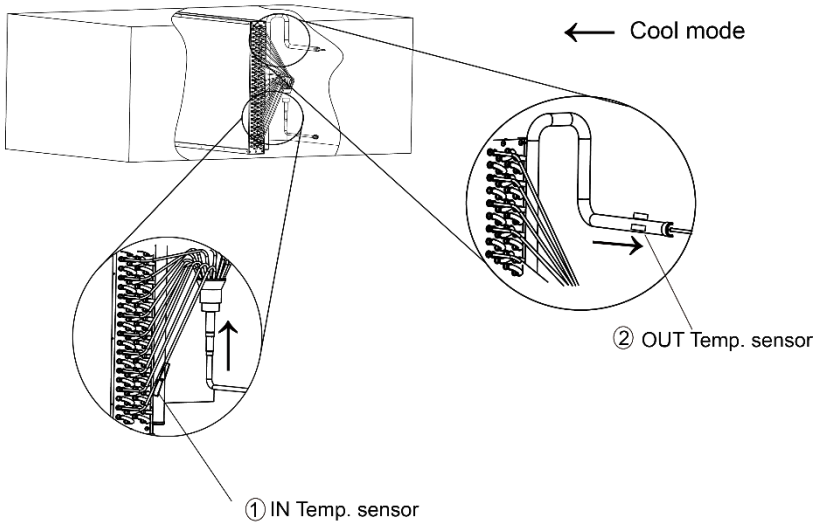
① For connection to outdoor unit and to AHU-KIT unit: Pull the wires inside through the screw nut and close the nut firmly in order to ensure a good pull relieve and water protection.

② The cables require an additional pull relief. Fixing the cable with the wire clamp.

③ The connection of temperature sensor requires enough space.

3.16.7.3 Installation of Temperature Sensor When Several AHU-KITs are in Parallel Connection with One AHU

When several AHU-KITs are in parallel connection with one AHU, all linkage AHU-KIT inlet pipes' and outlet pipes' temperature sensor must be installed at the position of corresponding pipeline of air handling unit. Install the ambient temperature sensor at the same position of air return outlet. Please refer to above installation method of single AHU-KIT temperature sensor. The installation diagram is as below:



① IN Temp. sensor (Liquid Temp. sensor)

② OUT Temp. sensor (Gas Temp. sensor)

3.16.8 Installation of the EXV Cable

Installation steps:

(1) Making the cable terminal through the Cable-Cross Loop, and then winding the cable on the magnetic ring for three times, at last inserting the terminal into a corresponding slot(see circuit diagram).

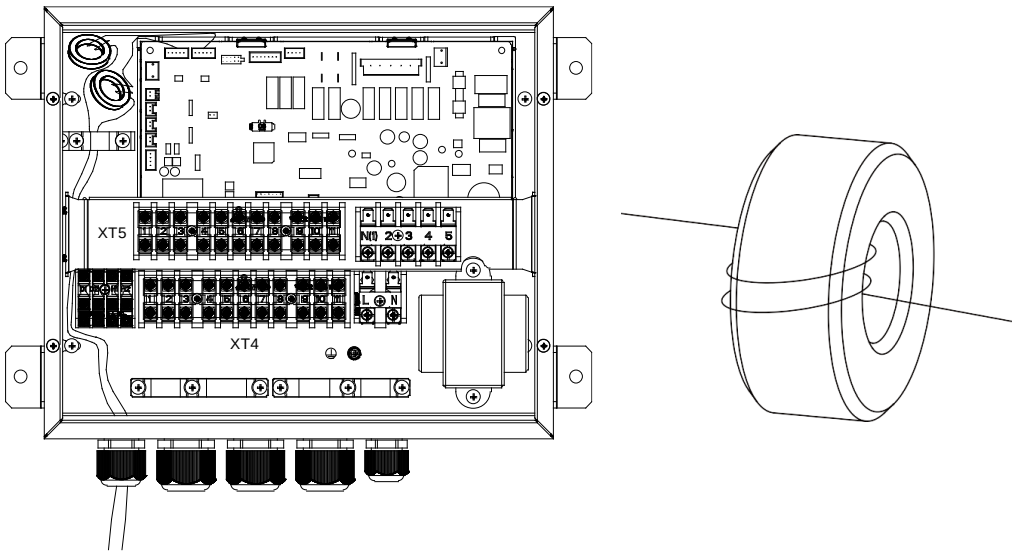
(2) Using bundles to fix the magnetic ring is required. It's also need to insert the bundle into the reserved hole on the control box.

(3) Fixing the cable with the wire clamp, and tightening the Cable-Cross Loop.

Installation requirements:

(1) Ensure that the cable in the control box is in a relaxed state, and both the joint of terminal and the fixed place of magnetic ring are all not under a stress.

(2) Ensure that the cable sheath port is located in the control box in order to prevent the rain.



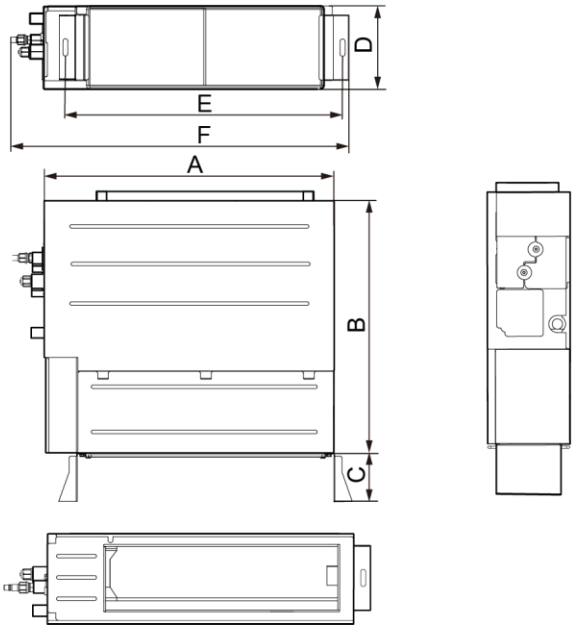
The quantity of expansion valve coil is determined by the actual number of fittings， The length of EXV Cable wire is 10 m (71,140,280,560 type) or 2.5 m (36 type).

3.16.9 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity(A)	Ground Wire	Power Cord
			Minimum Sectional Area(mm²)	Minimum Sectional Area(mm²)
GMV-N36U/A-T	220-240V/1ph/50Hz & 208-230V/1ph/60Hz	6	1.0	1.0
GMV-N71U/A-T		6	1.0	1.0
GMV-N140U/A-T		6	1.0	1.0
GMV-N280U/A-T		6	1.0	1.0
GMV-N560U/A-T		6	1.0	1.0
GMV-N36U/B-T		6	1.0	1.0
GMV-N71U/B-T		6	1.0	1.0
GMV-N140U/B-T		6	1.0	1.0
GMV-N280U/B-T		6	1.0	1.0
GMV-N560U/B-T		6	1.0	1.0
GMV-N36U/C-T		6	1.0	1.0
GMV-N71U/C-T		6	1.0	1.0
GMV-N140U/C-T		6	1.0	1.0
GMV-N280U/C-T		6	1.0	1.0
GMV-N560U/C-T		6	1.0	1.0
GMV-N36U/D-T		6	1.0	1.0
GMV-N71U/D-T		6	1.0	1.0
GMV-N180U/D-T		6	1.0	1.0
GMV-N450U/D-T		6	1.0	1.0
GMV-N840U/D-T		6	1.0	1.0

3.17 Installation of Concealed Floor Standing Type

3.17.1 Outline and installation dimension

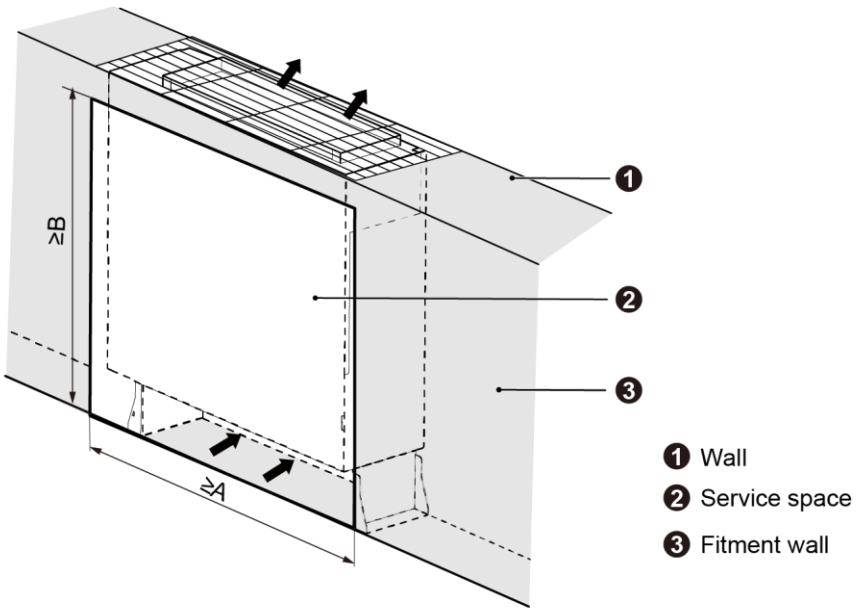


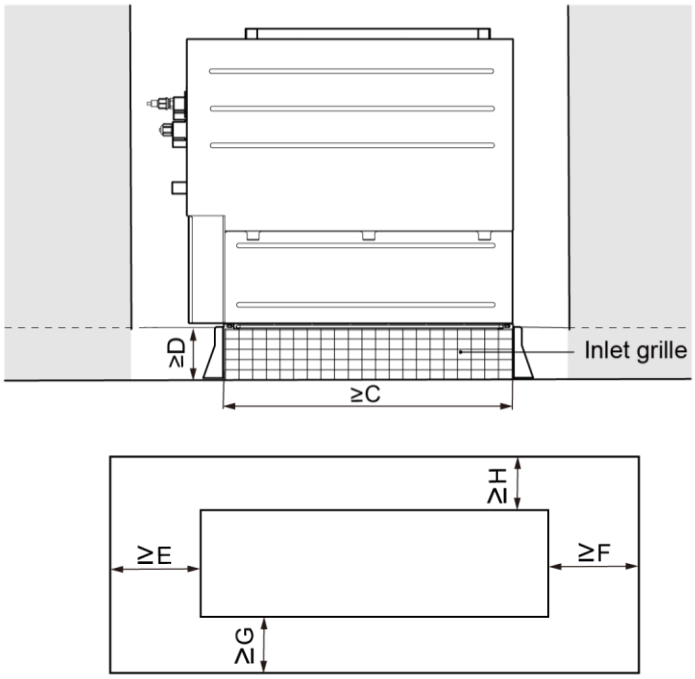
Below are dimensions of A, B, C, etc. for different models:

Unit: mm

Model	A	B	C	D	E	F
GMV-ND22ZA/A-T GMV-ND28ZA/A-T GMV-ND36ZA/A-T	700	615	120	200	665.5	837
GMV-ND45ZA/A-T	900	615	120	200	865.5	1045
GMV-ND56ZA/A-T GMV-ND63ZA/A-T GMV-ND71ZA/A-T	1100	615	120	200	1065.5	1236

3.17.2 Installation space





Below are dimensions of A, B, C, etc. for different models:

Unit: mm

Model	A	B	C	D	E	F	G	H
GMV-ND22ZA/A-T GMV-ND28ZA/A-T GMV-ND36ZA/A-T	1200	665	615	120	200	200	20	20
GMV-ND45ZA/A-T	1400	665	815	120	200	200	20	20
GMV-ND56ZA/A-T GMV-ND63ZA/A-T GMV-ND71ZA/A-T	1600	665	1015	120	200	200	20	20

3.17.3 Installation notice

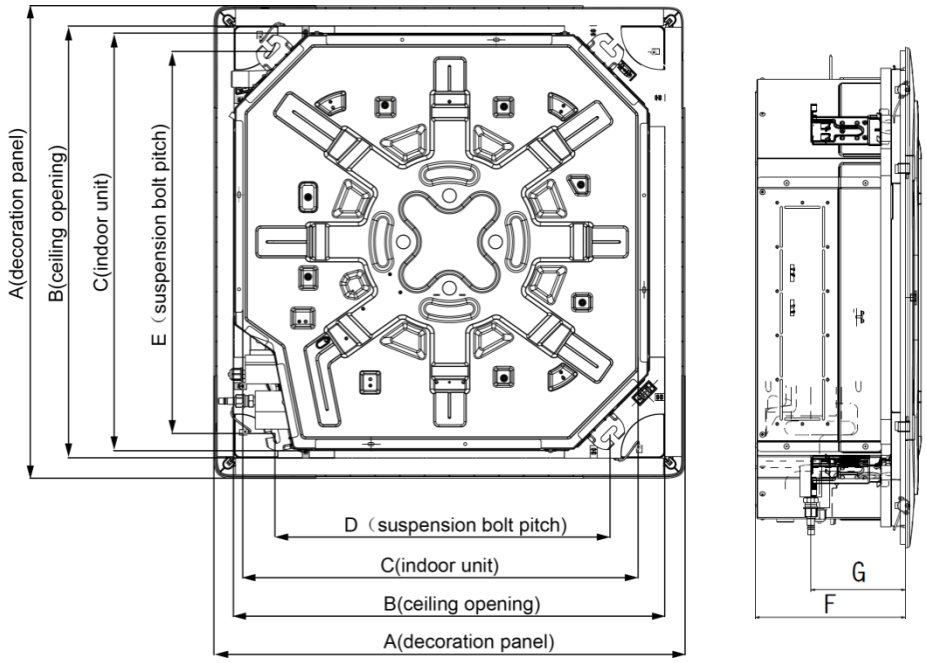
- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- Installation of the unit must be in accordance with National Electric Codes and local regulations.
- Improper installation will affect unit's performance, so do not install the unit by yourself. Please contact local dealer to arrange professional technicians for the installation.
- Do not connect power until all installation work is finished.
- The height of ex-factory supporter is 120mm. If user wants to increase or decrease unit installation height, please purchase the supporter of different height. Other height of supporter is 80mm, or 160mm.
- Default height of inlet grille is 120mm. If the supporter of 80mm or 160mm high is selected, please change the height of inlet grille to 80mm or 160mm accordingly.

3.17.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND22ZA/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28ZA/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36ZA/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45ZA/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56ZA/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63ZA/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71ZA/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.18 Installation of 360°Air Discharge Cassette Type Unit

3.18.1 Outline and installation dimension



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Drainage Pipe(Outer Diameter× wall thickness) (mm)	Outer Diameter of Connection Pipe(mm)	
									Liquid pipe	Gas pipe
GMV-ND22T/C-T	950	890	840	680	780	275	180	Φ25×2.5	6.35	9.52
GMV-ND28T/C-T									6.35	9.52
GMV-ND36T/C-T									6.35	12.7
GMV-ND45T/C-T									6.35	12.7
GMV-ND50T/C-T									6.35	12.7
GMV-ND56T/C-T									9.52	15.9
GMV-ND63T/C-T									9.52	15.9
GMV-ND71T/C-T									9.52	15.9
GMV-ND80T/C-T									9.52	15.9
GMV-ND90T/C-T									9.52	15.9
GMV-ND100T/C-T									9.52	15.9
GMV-ND112T/C-T	950	890	840	680	780	325	180	Φ25×2.5	9.52	15.9
GMV-ND125T/C-T										
GMV-ND140T/C-T										
GMV-ND160T/C-T									9.52	19.05

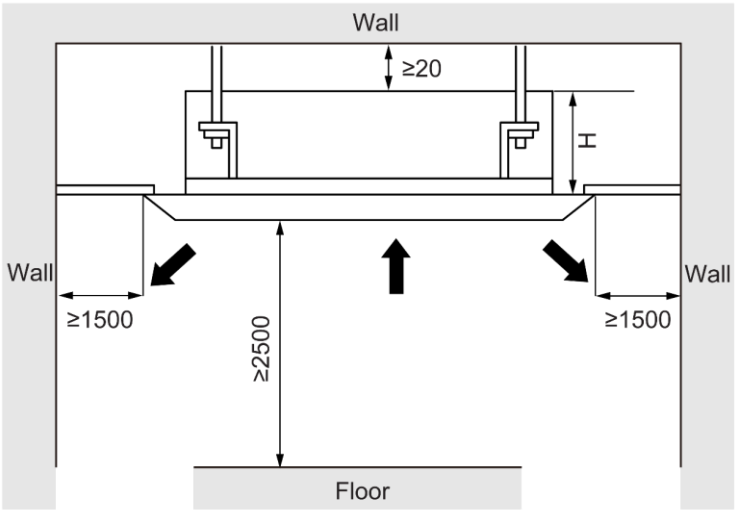
Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Drainage Pipe(Outer Diameter× wall thickness) (mm)	Outer Diameter of Connection Pipe(mm)	
									Liquid pipe	Gas pipe
GMV-ND22T/C1-T	950	890	840	680	780	200	174	Φ25×2.5	6.35	9.52
GMV-ND28T/C1-T	950	890	840	680	780	200	174		6.35	9.52
GMV-ND36T/C1-T	950	890	840	680	780	200	174		6.35	12.7
GMV-ND45T/C1-T	950	890	840	680	780	200	174		6.35	12.7
GMV-ND50T/C1-T	950	890	840	680	780	200	174		6.35	12.7

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Drainage Pipe(Outer Diameter× wall thickness) (mm)	Outer Diameter of Connection Pipe(mm)	
									Liquid pipe	Gas pipe
GMV-ND22T/D1-T	950	890	840	680	780	200	180	Φ25×2.5	6.35	9.52
GMV-ND28T/D1-T									6.35	9.52
GMV-ND36T/D1-T									6.35	12.7
GMV-ND45T/D1-T									6.35	12.7
GMV-ND50T/D1-T									6.35	12.7
GMV-ND56T/D1-T									9.52	15.9
GMV-ND63T/D1-T									9.52	15.9
GMV-ND71T/D1-T									9.52	15.9

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Drainage Pipe(Outer Diameter× wall thickness) (mm)	Outer Diameter of Connection Pipe(mm)	
									Liquid pipe	Gas pipe
GMV-ND80T/D1-T	950	890	840	680	780	240	175	Φ25×2.5	9.52	15.9
GMV-ND90T/D1-T									9.52	15.9
GMV-ND100T/D1-T									9.52	15.9
GMV-ND112T/D1-T									9.52	15.9
GMV-ND125T/D1-T	950	890	840	680	780	290	177			
GMV-ND140T/D1-T										
GMV-ND160T/D1-T	950	890	840	680	780	325	180	Φ25×2.5	9.52	19.05

3.18.2 Installation space

Unit: mm



Model	H(mm)
GMV-ND22~100T/C-T	275
GMV-ND112~160T/C-T	325

Model	H(mm)
GMV-ND22~50T/C1-T	200

Model	H(mm)
GMV-ND22~71T/D1-T	235
GMV-ND80~112T/D1-T	275
GMV-ND125~160T/D1-T	325

3.18.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- The unit shall be installed in accordance with national standards or local regulations.

- Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- Make sure all the installation work completed before energizing.

3.18.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity(A)	Minimum Sectional Area of Ground Wire (mm^2)	Minimum Sectional Area of Power Cord (mm^2)
GMV-ND22~160T/C-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity(A)	Minimum Sectional Area of Ground Wire (mm^2)	Minimum Sectional Area of Power Cord (mm^2)
GMV-ND22~50T/C1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

Model	Power Cord Size	Air Switch Capacity(A)	Minimum Sectional Area of Ground Wire (mm^2)	Minimum Sectional Area of Power Cord (mm^2)
GMV-ND22~160T/D1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.19 Installation of Heat Storage Module

3.19.1 Outline and installation dimension

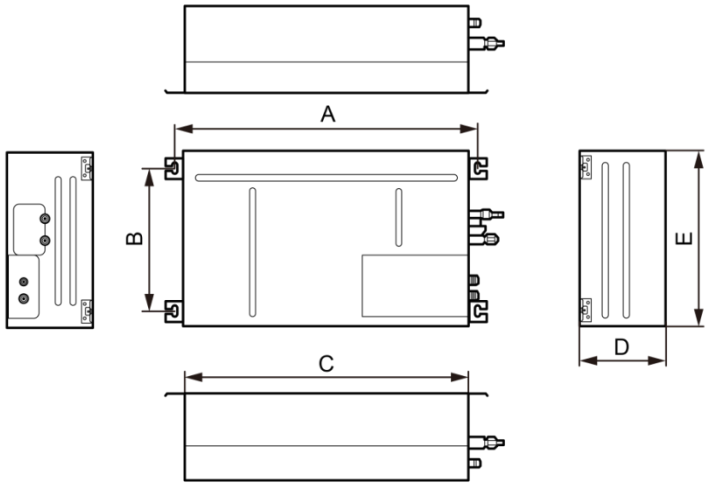
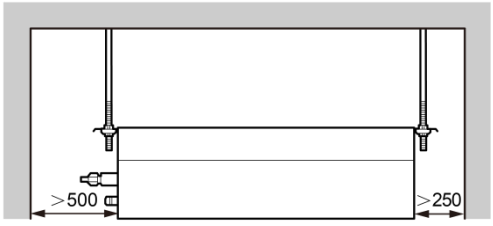


Fig 4.1

Model	A（mm）	B（mm）	C（mm）	D（mm）	E（mm）
XRZ180L/A-T	780	364	730	220	450

3.19.2 Installation space

Unit: mm



3.19.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the unit is moved to other place.
- The unit shall be installed in accordance with national standards or local regulations.
- Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- Make sure all the installation work completed before energizing.

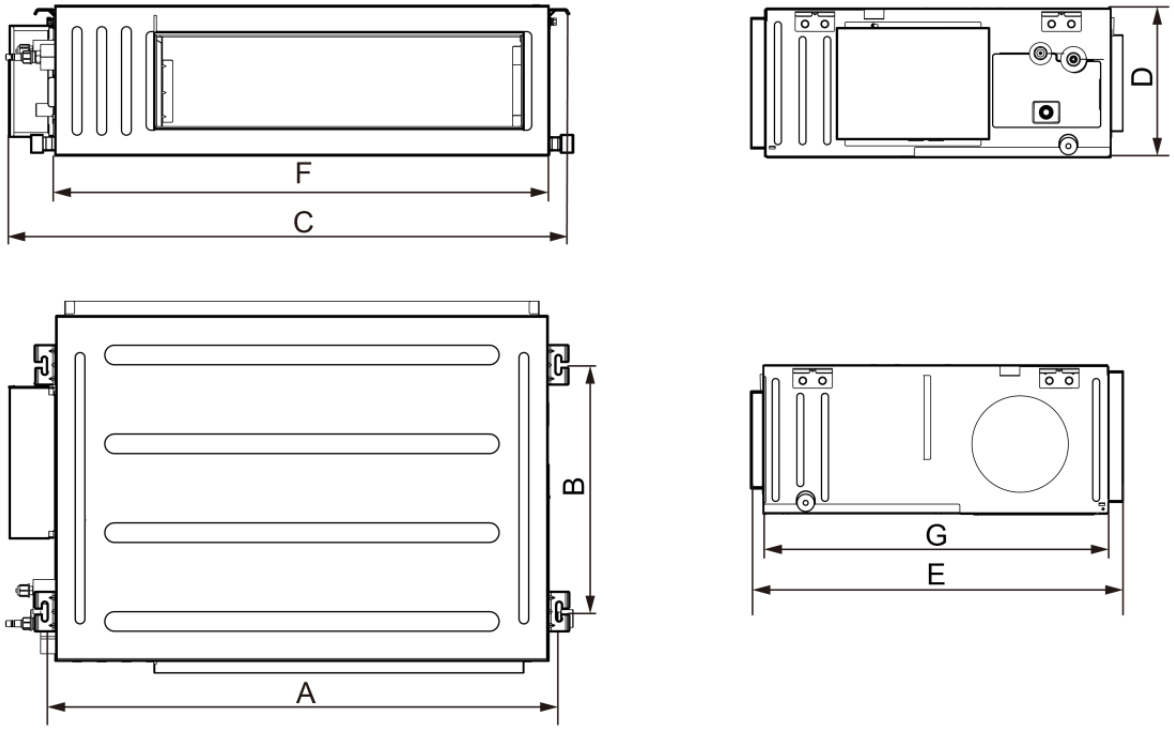
3.19.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2)	Minimum Sectional Area of Power Cord (mm^2)
XRZ180L/A-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.20 Installation of High Static Pressure Duct Type Indoor Unit

3.20.1 Outline and installation dimension

Model: GMV-ND22PHS/D-T ~ GMV-ND180PHS/D-T



Below are dimensions of A, B, C, etc. for different models:

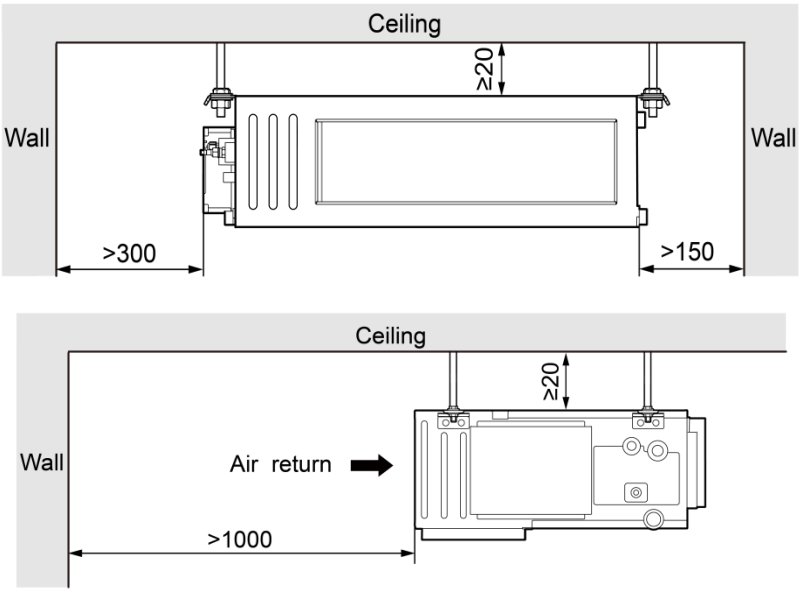
Unit: mm

Model	A	B	C	D	E	F	G
GMV-ND22~50PHS/D-T	740	500	830	300	754	700	700
GMV-ND56~80PHS/D-T	1040	500	1130	300	754	1000	700
GMV-ND90~160PHS/D-T	1440	500	1540	300	754	1400	700
GMV-ND180PHS/D-T	1440	500	1580	300	754	1400	700

3.20.2 Installation space

Unit: mm

Model: GMV-ND22PHS/D-T~ GMV-ND180PHS/D-T



3.20.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- Installation of the unit must be in accordance with National Electric Codes and local regulations.
- Improper installation will affect unit's performance, so do not install the unit by yourself. Please contact local dealer to arrange professional technicians for the installation.
- Do not connect power until all installation work is finished.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

3.20.4 Selection of air switch and power cord

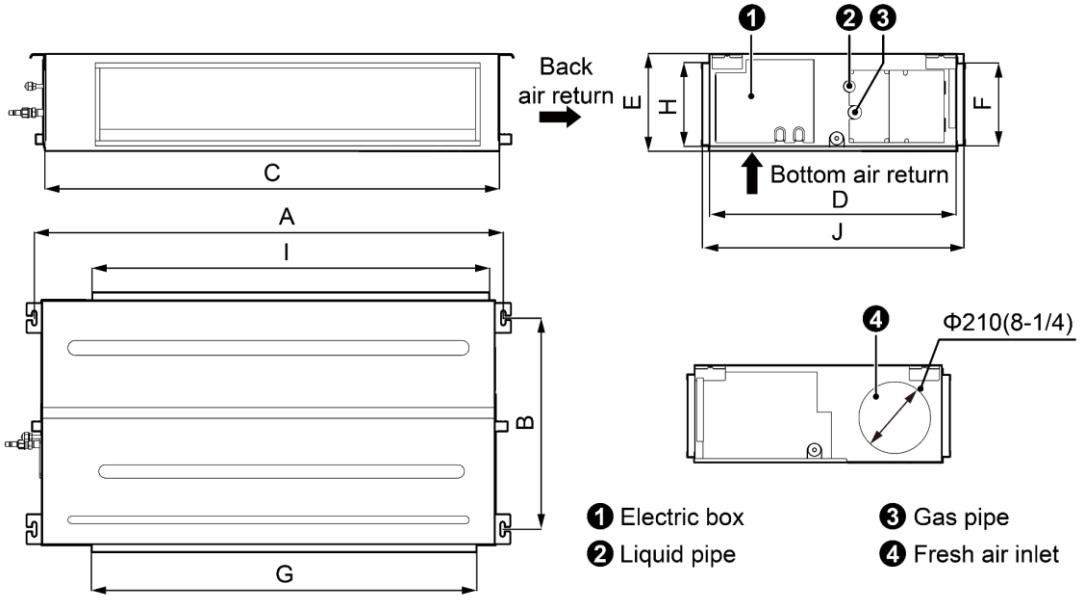
Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND22PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND25PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND28PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND32PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND36PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND40PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND45PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND50PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND56PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND160PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND180PHS/D-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.21 Installation of Middle Static Pressure Duct Type Indoor Unit

3.21.1 Outline and installation dimension

Model: GMV-ND56PMS/A1-T ~ GMV-ND140PMS/A1-T

Unit: mm



Below are dimensions of A, B, C, etc. for different models:

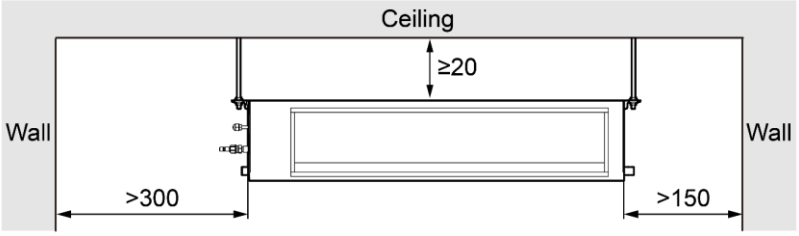
Unit: mm

Model	A	B	C	D	E	F	G	H	I	J
GMV-ND56PMS/A1-T	942	590	900	655	260	215	740	233	871	694
GMV-ND63PMS/A1-T										
GMV-ND71PMS/A1-T										
GMV-ND80PMS/A1-T										
GMV-ND90PMS/A1-T	1381	585	1340	655	260	215	1153	220	1188	697
GMV-ND100PMS/A1-T										
GMV-ND112PMS/A1-T										
GMV-ND125PMS/A1-T										
GMV-ND140PMS/A1-T										

3.21.2 Installation space

Model: GMV-ND56PMS/A1-T ~ GMV-ND140PMS/A1-T

Unit: mm



3.21.3 Installation notice

- The appliance shall not be installed in the laundry.
- The top holder must be strong enough to support unit's weight.

- Drain pipe can drain water out easily.
- There is no obstacle at inlet or outlet. Please ensure good air circulation.
- In order to make sure the space for maintenance, please install the indoor unit according to the dimension described below.
- Keep the unit away from heating source, inflammable gas or smoke.
- This is a concealed ceiling type unit.
- Indoor unit, outdoor unit, power cord and electric wire should stay at least 1m from the TV set and radio. Otherwise, these electrical appliances may have image interference and noise. (Even if the distance is 1m, when there is strong electric wave, noise may still occur.)

NOTES!

① Installation of the unit must be in accordance with National Electric Codes and local regulations.

② Improper installation will affect unit's performance, so do not install the unit by yourself. Please contact local dealer to arrange professional technicians for the installation.

③ Do not connect power until all installation work is finished.

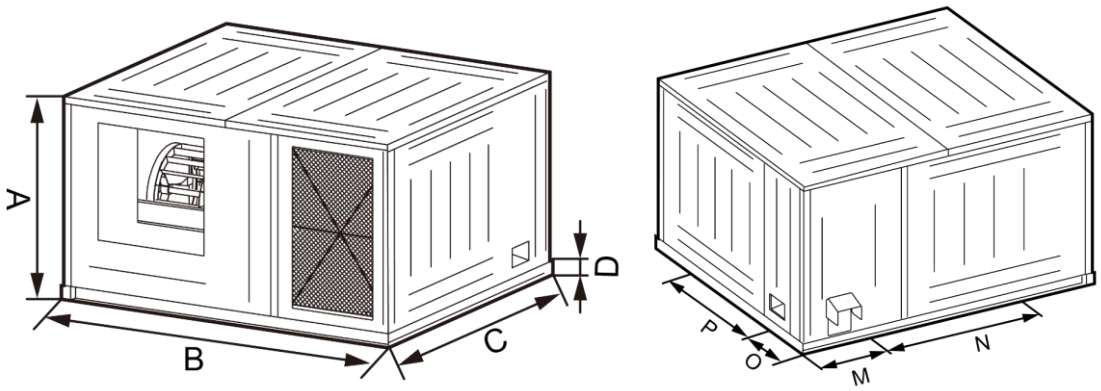
3.21.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm²/AWG)	Minimum Sectional Area of Power Cord (mm²/AWG)
GMV-ND56PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND63PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND71PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND80PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND90PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND100PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND112PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND125PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18
GMV-ND140PMS/A1-T	220-240V/50Hz 208-230V/60Hz	6	1.0/AWG18	1.0/AWG18

3.22 VRF Rooftop Packaged Unit

3.22.1 Outline and installation dimension

Model: GMV-N790GK/HA-M, GMV-N790GK/HA-H



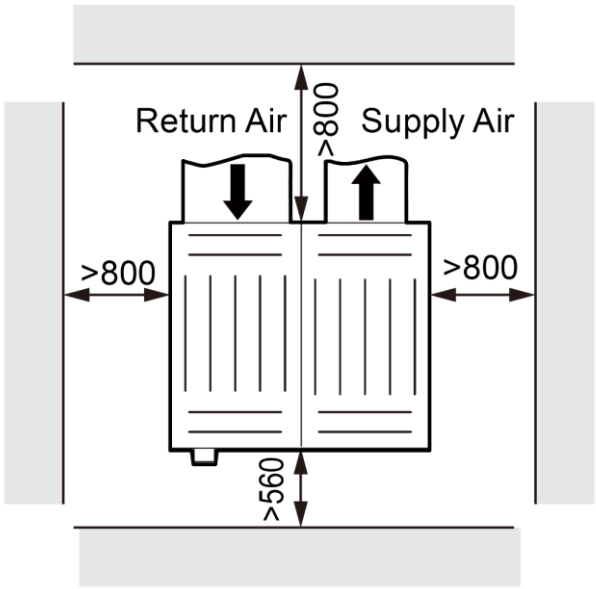
Unit: mm

Model	A	B	C	D	M	N	O	P
GMV-N790GK/HA-M	1250	2240	1950	90	550	1140	403	1140
GMV-N790GK/HA-H								

3.22.2 Installation space

Model: GMV-N790GK/HA-M, GMV-N790GK/HA-H

Unit: mm



NOTE: Above diagrams may be different from actual model.

3.22.3 Installation notice

To ensure the unit in proper function, selection of installation location must be in accordance with following principles.

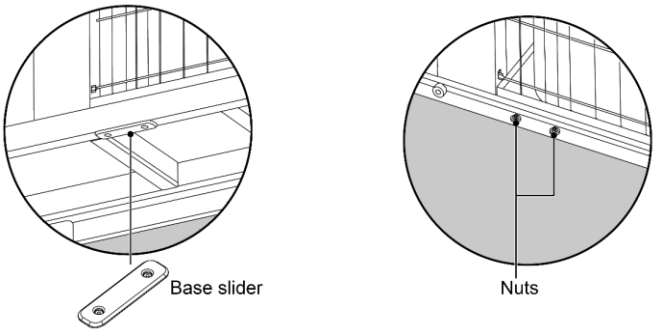
- The installation site must have good ventilation, so that the unit can take in and exhaust enough air.
- Place of installation shall be strong enough to support the weight of unit, and it shall be able to

insulate noise and prevent vibration. Ensure that the wind and noise from the unit will not affect your neighbors.

- Avoid direct sunshine over the unit. It is better to set up a sun shield as the protection.
- Place of installation must be able to drain the rainwater and defrosting water.
- Place of installation must ensure the unit will not subject to the influence of rubbish or oil fog.
- Unit must be fixed on stable and solid surface of floor. Please use M12 to tight the support fundus.

NOTES!

The base silderes of units must be unmonted before installation.

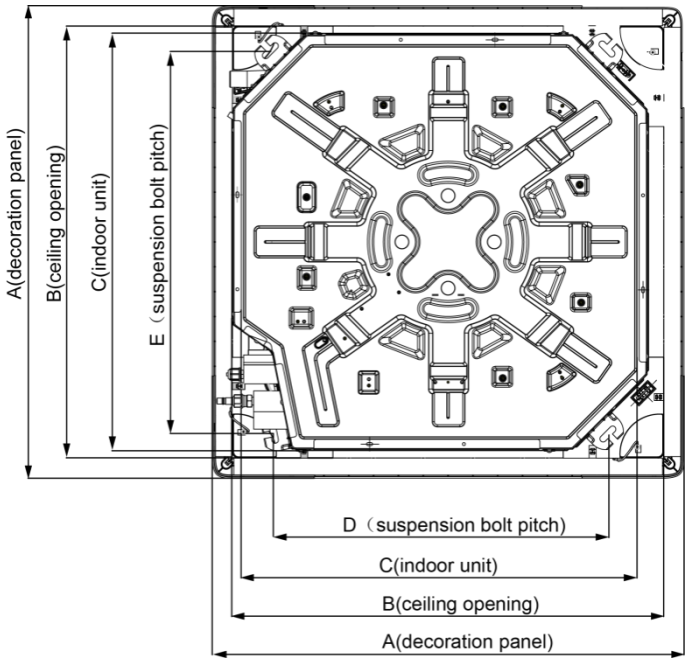


3.22.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity (A)	Minimum Sectional Area of Ground Wire (mm^2)	Minimum Sectional Area of Power Cord (mm^2)
GMV-N790GK/HA-M	380-415V 3N~ 50Hz	20	2.5	2.5
GMV-N790GK/HA-H	380-415V 3N~ 60Hz	20	2.5	2.5

3.23 Installation of 3D Airflow Cassette Type Unit

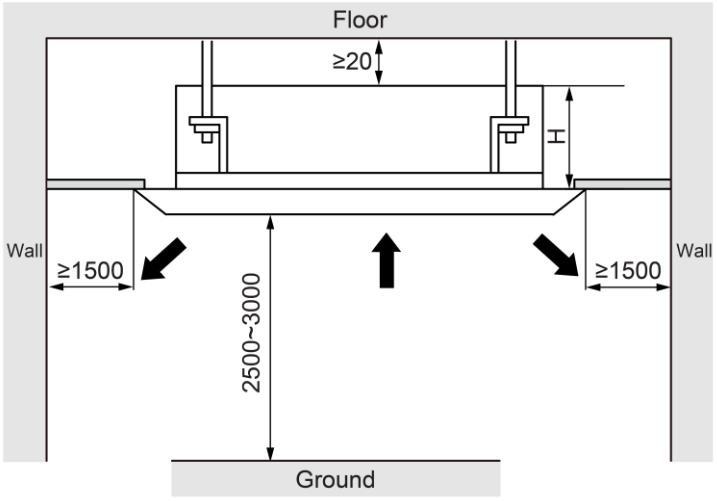
3.23.1 Outline and installation dimension



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Drainage Pipe(Outer Diameter× wall thickness) (mm)	Outer Diameter of Connection Pipe(mm)	
							Liquid pipe	Gas pipe
GMV-ND22T/D2-T	950	890	840	680	780	Φ25×2.5	6.35	9.52
GMV-ND28T/D2-T							6.35	9.52
GMV-ND36T/D2-T							6.35	12.7
GMV-ND45T/D2-T							6.35	12.7
GMV-ND50T/D2-T							6.35	12.7
GMV-ND56T/D2-T							9.52	15.9
GMV-ND63T/D2-T							9.52	15.9
GMV-ND71T/D2-T							9.52	15.9
GMV-ND80T/D2-T							9.52	15.9
GMV-ND90T/D2-T							9.52	15.9
GMV-ND100T/D2-T							9.52	15.9
GMV-ND112T/D2-T							9.52	15.9
GMV-ND125T/D2-T								
GMV-ND140T/D2-T								

3.23.2 Installation space

Unit: mm



Model	H(mm)
GMV-ND22~71T/D2-T	267
GMV-ND80~112T/D2-T	307
GMV-ND125~140T/D2-T	357

3.23.3 Installation notice

- The unit shall be installed by the professional personnel according to this installation instruction to ensure proper use.
- Please contact the local Gree appointed service center before installation. Any malfunction caused by the unit that is not installed by the Gree appointed service center would probably not be dealt with on time because of the inconvenience of the business contact.
- It should be guided under the professional personnel when the air conditioner unit is moved to other place.
- The unit shall be installed in accordance with national standards or local regulations.
- Only qualified personnel can carry out installation work, please contact with local dealer before installation.
- Make sure all the installation work completed before energizing.

3.23.4 Selection of air switch and power cord

Model	Power Cord Size	Air Switch Capacity(A)	Minimum Sectional Area of Ground Wire (mm^2)	Minimum Sectional Area of Power Cord (mm^2)
GMV-ND22~140T/D2-T	220-240V-1ph-50Hz 208-230V-1ph-60Hz	6	1.0/AWG18	1.0/AWG18

4 Installation of Drain Pipe

4.1 Precautions When Doing the Piping Work

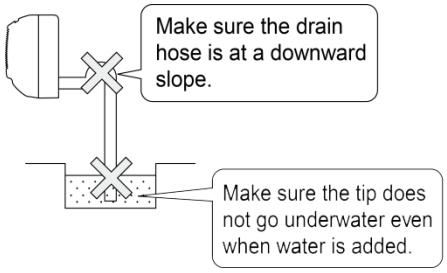
(1) It is not allowed to connect the condensate drain pipe into waste pipe or other pipelines which are likely to produce corrosive or peculiar smell to prevent the smell from entering indoors or corrupt the unit.

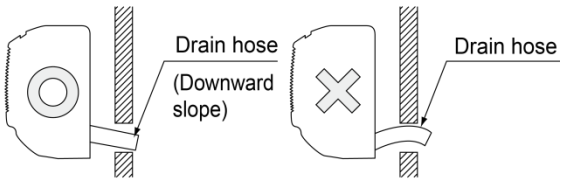
(2) It is not allowed to connect the condensate drain pipe into rain pipe to prevent rain water from pouring in and cause property loss or personal injury.

(3) Condensate drain pipe should be connected into special drain system for air conditioner.

(4) Keep piping as short as possible and slope it downwards at a gradient of at least 1/100 so that air may not remain trapped inside the pipe.

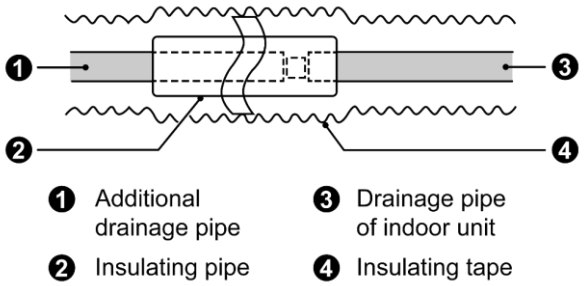
(5) For example:



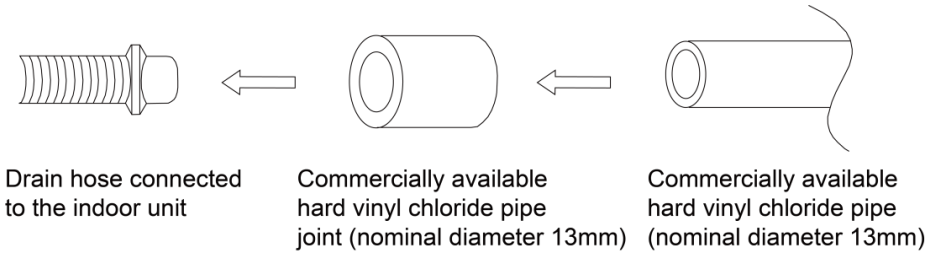


(6) Keep pipe size equal to or greater than that of the connecting pipe.

(7) Install the drain piping as shown and take measures against condensation. Improperly rigged piping could lead to leaks and eventually wet furniture and belongings.



(8) When directly connecting a hard vinyl chloride pipe joint to the drain hose connected to the indoor unit, use a commercially available hard vinyl chloride pipe joint (nominal diameter 13mm).

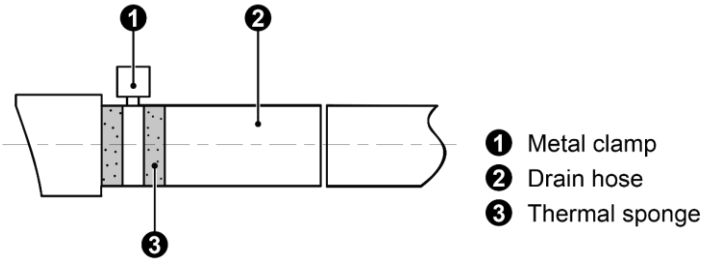


(9) Drain hose connected to the indoor unit commercially available hard vinyl chloride pipe joint (nominal diameter 13mm) commercially available hard vinyl chloride pipe (nominal diameter 13mm).

(10) Do not connect the drain piping directly to sewage pipes that smell of ammonia. The ammonia in the sewage might enter the indoor unit through the drain pipes and corrode the heat exchanger.

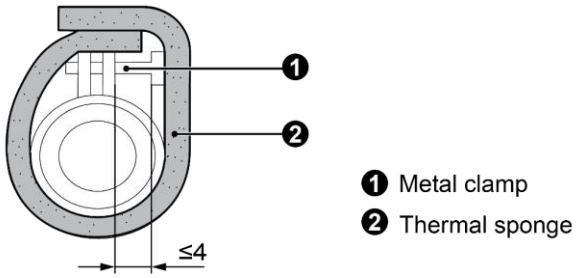
4.2 Installing the Drain Pipes

- Insert the drain hose into the drain outlet, and tighten the clamp securely with tape.
- Tighten the clamp until the screw head is less than 4 mm from the hose.

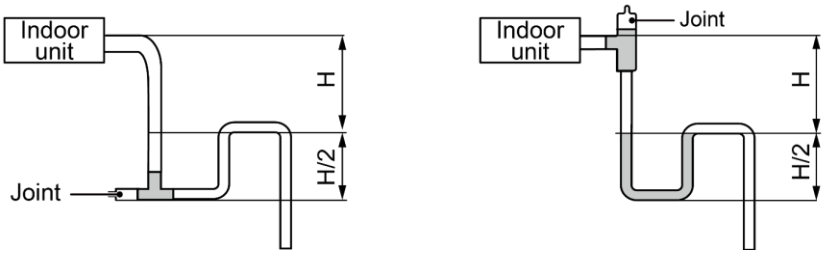


- Insulate the pipe clamp and the drain hose using heat insulation sponge.

Unit: mm



- Install water trap as shown below.
- Install one water trap for each unit.
- Installation of water trap shall consider easy cleaning in the future.

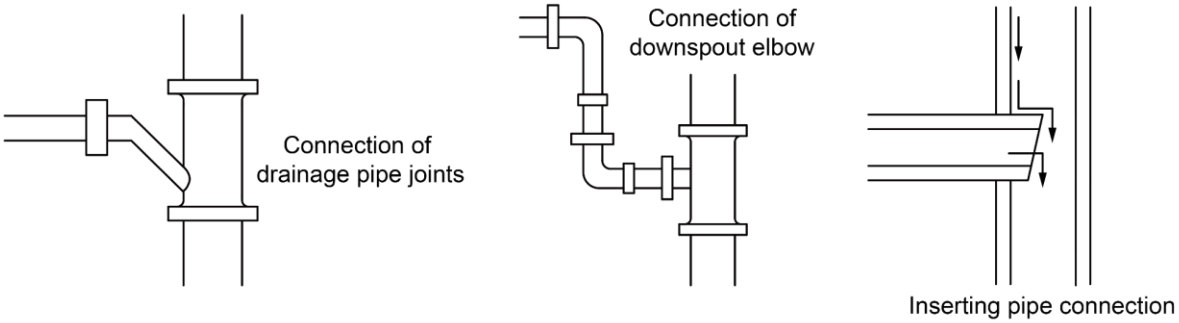


- Connection of drainage branch pipe to the standpipe or horizontal pipe of drainage main pipe.
- The horizontal pipe cannot be connected to the vertical pipe at a same height. It can be connected in a manner as shown below:

  No.1: Connection of drainage pipe joints.

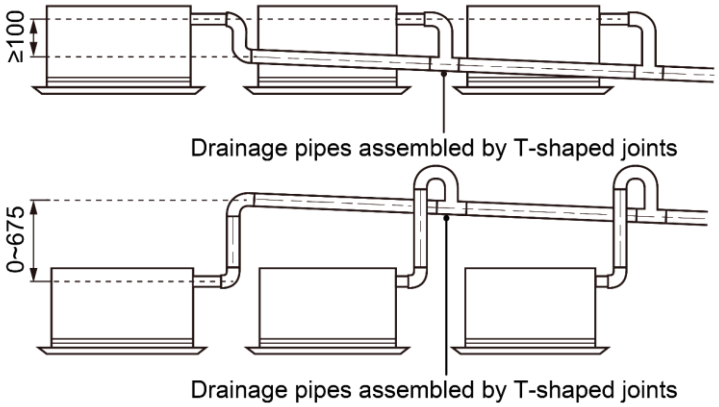
  No.2: Connection of downspout elbow.

  No.3: Inserting pipe connection.



- When unifying multiple drain pipes, install the pipes as shown below. Select converging drain pipes whose gauge is suitable for the operating capacity of the unit (take the cassette type unit for example).

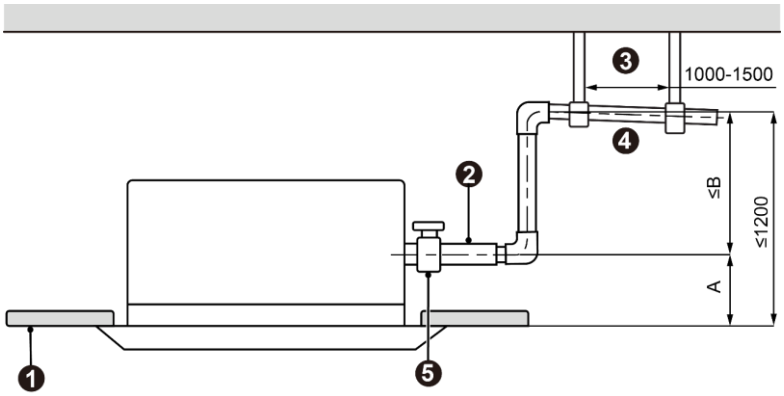
Unit: mm



4.3 Precautions When Doing Riser Piping Work

- Make sure that heat insulation work is executed on the following 2 spots to prevent any possible water leakage due to dew condensation.
  a) Connect the drain hose to the drain raiser pipe, and insulate them.
  b) Connect the drain hose to the drain outlet on the indoor unit, and tighten it with the clamp (take the cassette type unit for example).

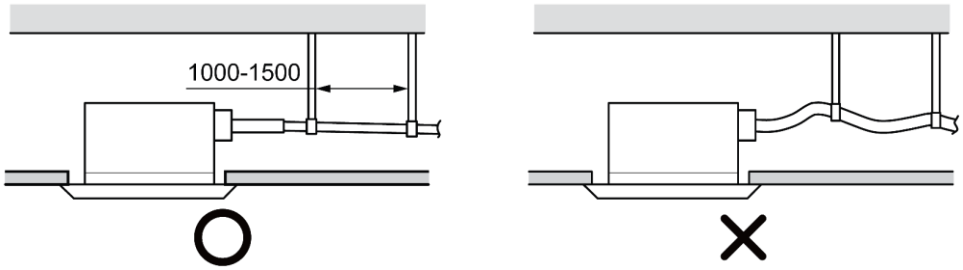
Unit: mm



1 Ceiling
2 The drainage pipe provided in the annex is not allowed to bend
3 Hanger bracket
4 Drainage pipe
5 Metal clamp

- Drainage pipes should have a downward slope of at least 1%~2%, in order to prevent pipes from sagging; install hanger bracket at intervals of 1000~1500mm. (take the cassette type unit for example).

Unit: mm



4.4 Testing of Drain Piping

- After piping work is finished, check if drainage flows smoothly.
- Shown in the figure, Add approximately 1liter of water slowly into the drain pan and check drainage flow during COOL running.

5 Electrical Installation

- The wiring must be in accordance with the local rules.
- Rated supply voltage and special circuit for air conditioner must be used.
- Do not pull the power cord forcefully.
- All the electric installations must be carried out by specialist technicians in accordance with the local laws, rules and these instructions.
- The diameter of flexible wire should be wide enough. Replace the damaged power cord and connecting wire with special flexible wire.
- The earthing shall be reliable and connected to the special earthing device on the construction. The installation must be done by specialist technicians. The leak protection switch and air switch with enough capacity must be installed. The air switch shall have both the magnetic tripping and thermal tripping functions to ensure protection against the short circuit and overload.
- Earthed Requirements.
- The air conditioner belongs to I type electric appliances. The reliable earthed action is a must.
- The yellow and green wire inside the air conditioner is the earthed wire. Do not use it for other purpose or even cut off it. Do not fix it with tapping screw. Otherwise, it may cause electric shock.
- The earthed resistance must meet the requirements of national standard GB17790.
- There should be reliable earthed terminal for the power supply. Never connect the earth lead to the following articles:

  ①water pipe; ②gas pipe; ③drain pipe; ④unreliable place considered by professionals.

MAINTENANCE

1 Troubleshooting

1.1 Malfunction List for the Wired Controller

Error Code	Content	Error Code	Content	Error Code	Content
L0	Indoor unit error	L9	Quantity of group control indoor units setting error	d7	Humidity sensor error
L1	Indoor fan protection	LA	Indoor units incompatibility error	d8	Water temperature sensor error
L2	E-heater Protection	LH	Low air quality warning	d9	Jumper cap error
L3	Water full protection	LC	Outdoor-indoor incompatibility error	dA	Indoor unit hardware address error
L4	Wired controller power supply error	d1	Indoor unit circuit board error	dH	Wired controller circuit board error
L5	Anti-freezing Protection	d3	Ambient temperature sensor error	dC	Capacity dip switch setting error
L7	No master indoor unit error	d4	Inlet pipe temperature sensor error	dL	Outlet air temperature sensor error
L8	Power insufficiency protection	d6	Outlet pipe temperature Sensor error	dE	Indoor unit co_2 sensor error
o1	Over low voltage of IDU bus	o2	Over high voltage of IDU bus	o3	IDU IPM module protection
o4	IDU startup failure	o5	IDU overcurrent protection	o6	IDU current detecting circuit error
o7	IDU non-synchronism protection	o8	IDU drive communication error	o9	Communication error of IDU master controller
oA	Over high temperature of IDU module	ob	Temperature sensor error of IDU module	oC	IDU charging circuit error
o0	Other drive error	db	Special code: Field Debugging code	yJ	Mode signal line missing
yP	Multi-mode signal conflict	yU	Temperature signal line missing	—	—

1.2 Exception Analyzing and Troubleshooting

1.2.1 “d1” Indoor circuit board error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Check if the reading of address chip and memory chip of IDU mainboard is normal. If the data of address chip and memory chip cannot be read, it is abnormal.

Possible reason:

■Address chip is abnormal

■Memory chip is abnormal. Replace main control board directly

Troubleshooting:

Replace main control board directly

1.2.2 “d3” Ambient temperature sensor error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Sample the AD value of temperature sensor through temperature sensor detecting circuit and judge the range of AD value, If the sampling AD value exceeds upper limit and lower limit in 5 seconds continuously, report the error.

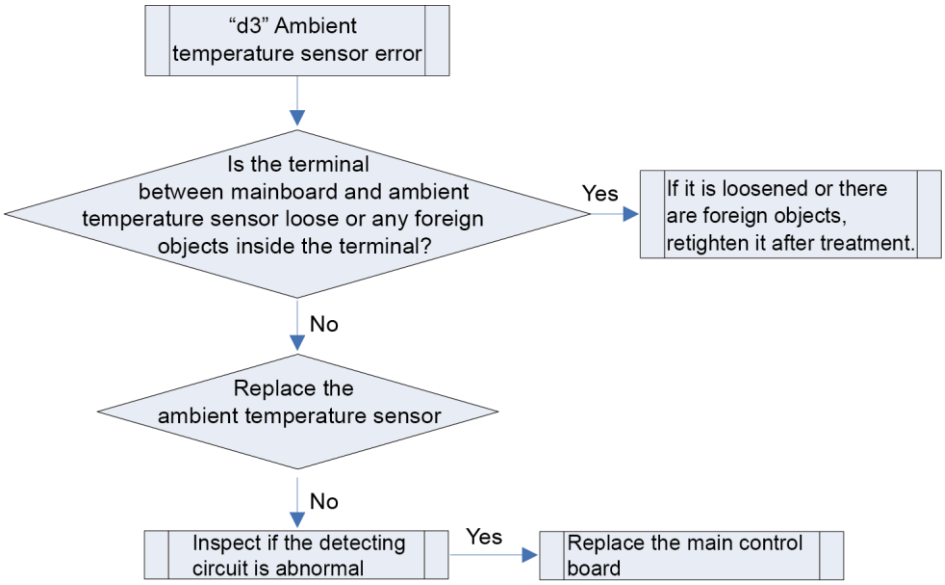
Possible reason:

■Poor contact between ambient temperature sensor and terminal in mainboard interface

■Ambient temperature sensor is abnormal

■Detecting circuit is abnormal

Troubleshooting:



1.2.3 “d4” Inlet pipe temperature sensor error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Sample the AD value of temperature sensor through temperature sensor detecting circuit and judge the range of AD value. If the sampling AD value exceeds upper limit and lower limit in 5 seconds continuously, report the error.

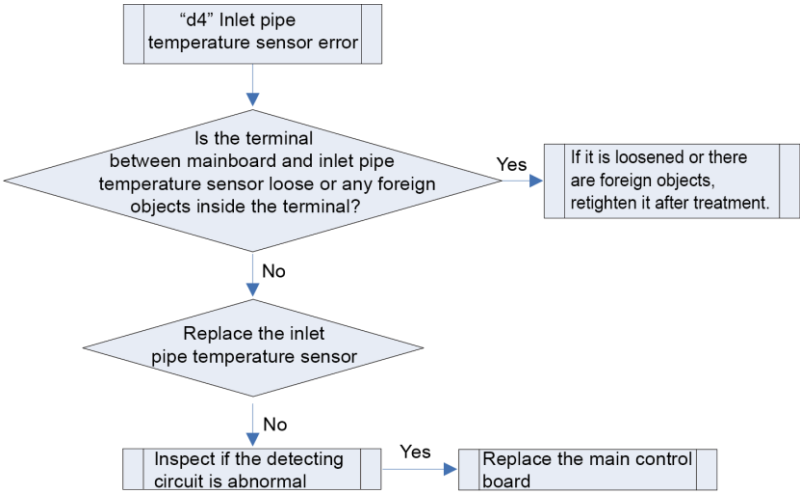
Possible reason:

■Poor contact between inlet pipe temperature sensor and terminal in mainboard interface

■Inlet pipe temperature sensor is abnormal

■Detecting circuit is abnormal

Troubleshooting:



1.2.4 "d6" Outlet pipe temperature sensor error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

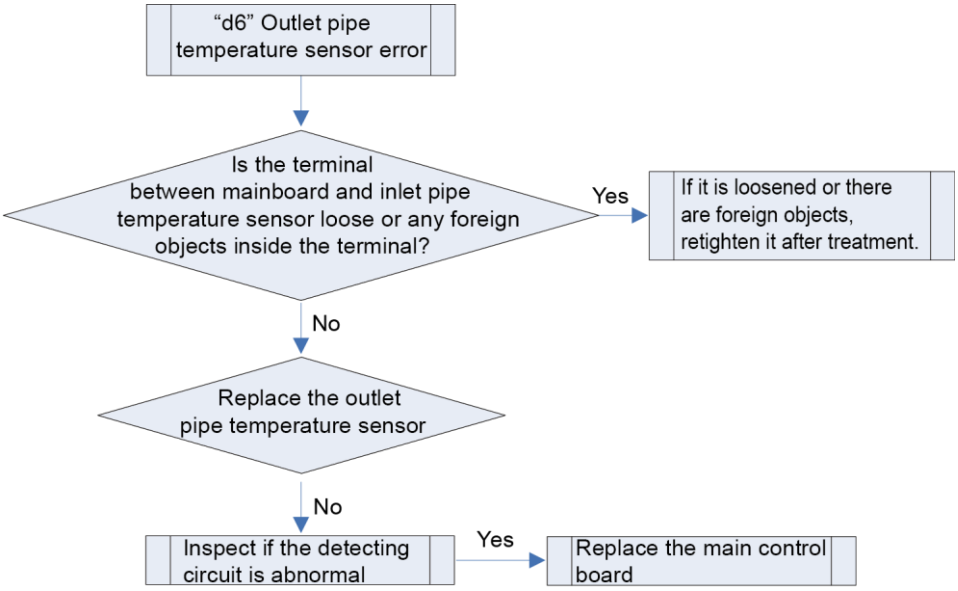
Sample the AD value of temperature sensor through temperature sensor detecting circuit and judge the range of AD value. If the sampling AD value exceeds upper limit and lower limit in 5 seconds continuously, report the error.

Possible reason:

■Poor contact between outlet pipe temperature sensor and terminal in mainboard interface

■Outlet pipe temperature sensor is abnormal

■Detecting circuit is abnormal



1.2.5 “d7” Humidity sensor error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Sample the AD value of temperature sensor through temperature sensor detecting circuit and judge the range of AD value. If the sampling AD value exceeds upper limit and lower limit in 5 seconds continuously, report the error.

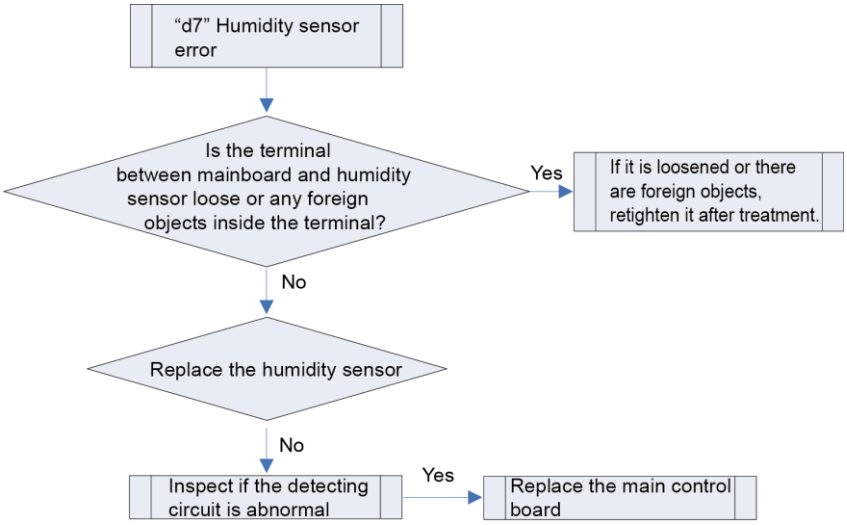
Possible reason:

■Poor contact between humidity sensor and terminal in mainboard interface

■Humidity sensor is abnormal

■Detecting circuit is abnormal

Troubleshooting:



1.2.6 “d9” Jumper cap error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Possible reason:

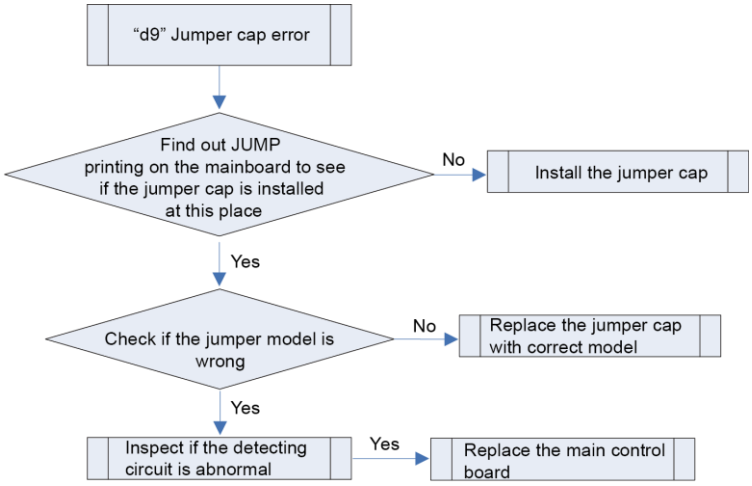
If jumper cap model doesn’t match with mainboard, report the error

■Jumper cap is not installed

■Jumper cap model is wrong

■Detecting circuit is abnormal

Troubleshooting:



1.2.7 "dA" IDU network address error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Through testing the IDU address chip and IP address, if address chip cannot be read, IDU IP is 0 or IP is in conflict, report the error.

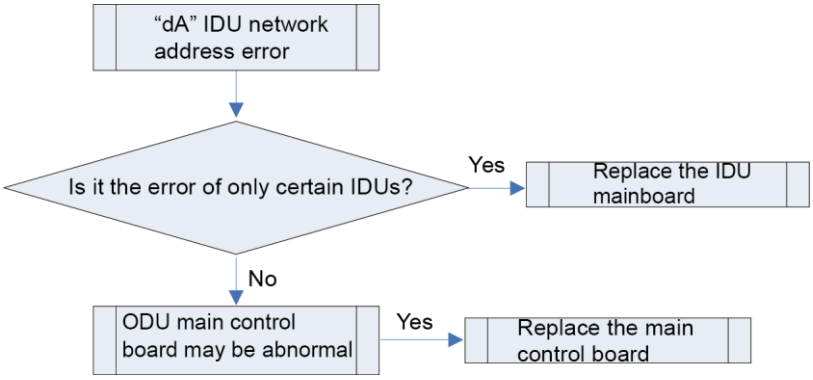
Possible reason:

■ODU allocated address is wrong

■IDU treatment is wrong

■Address chip is abnormal

Troubleshooting:



1.2.8 "dH" wired controller circuit board error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

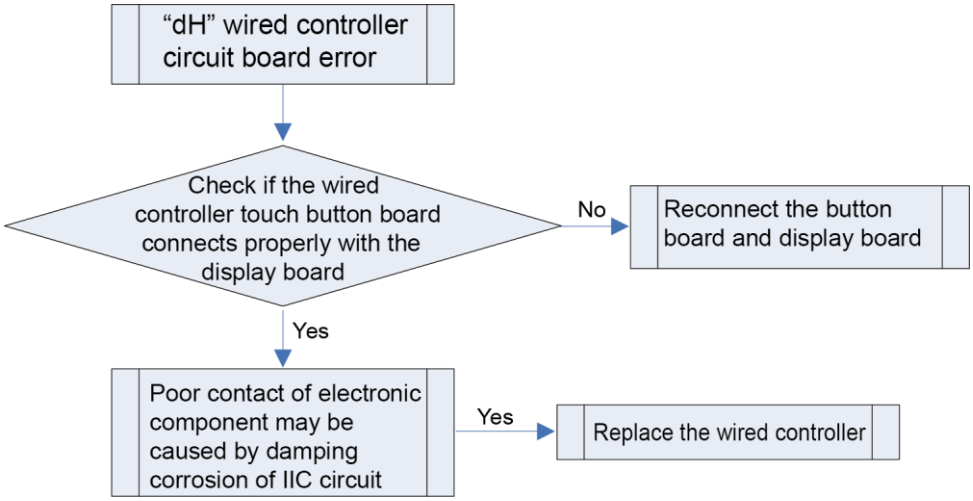
Wired controller IIC communication is abnormal

Possible reason:

■Communication of wired controller touch button board and display board IIC is abnormal;

■Read and write of wired controller memory chip IIC is abnormal (when memory chip is existed);

Troubleshooting:



1.2.9 "dC" Capacity DIP switch setting error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

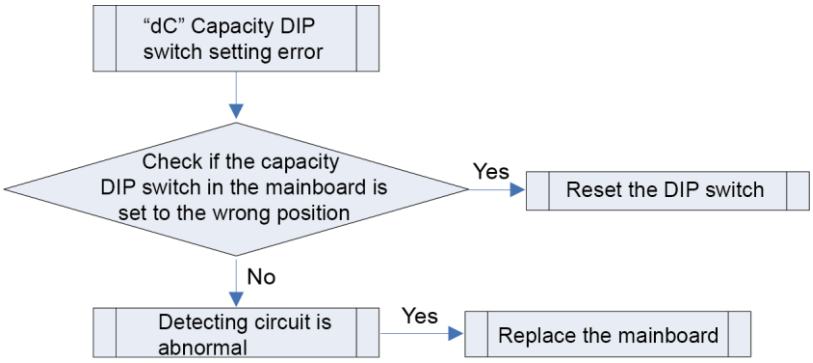
If capacity DIP switch is set to the wrong position, report the error.

Possible reason:

■Capacity DIP switch is set to the wrong position

■Detecting circuit is abnormal

Troubleshooting:



1.2.10 "dL" Air outlet temperature sensor error

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Sample the AD value of temperature sensor through temperature sensor detecting circuit and judge the range of AD value. If the sampling AD value exceeds upper limit and lower limit in 5 seconds continuously, report the error.

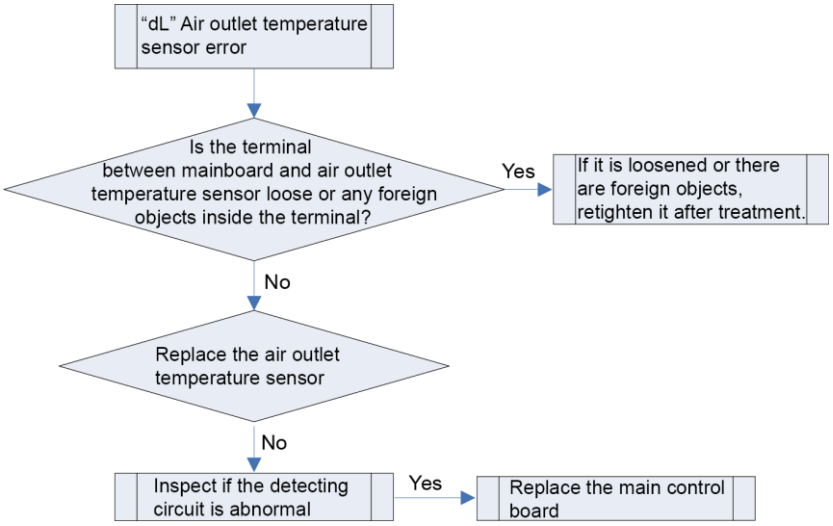
Possible reason:

■Poor contact between air outlet temperature sensor and terminal in mainboard interface

■Air outlet temperature sensor is abnormal

■Detecting circuit is abnormal

Troubleshooting:



1.2.11 "db" Project debugging

Error display: ODU mainboard, IDU wired controller and IDU receive light board will display

Error judgment condition and method:

This is a status code of project debugging, not an error code. When IDU or ODU displays this code, it means the unit is under debugging status and the IDU cannot be operated.

Troubleshooting: ——

Possible reason: ——

1.2.12 "L1" Indoor fan protection

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

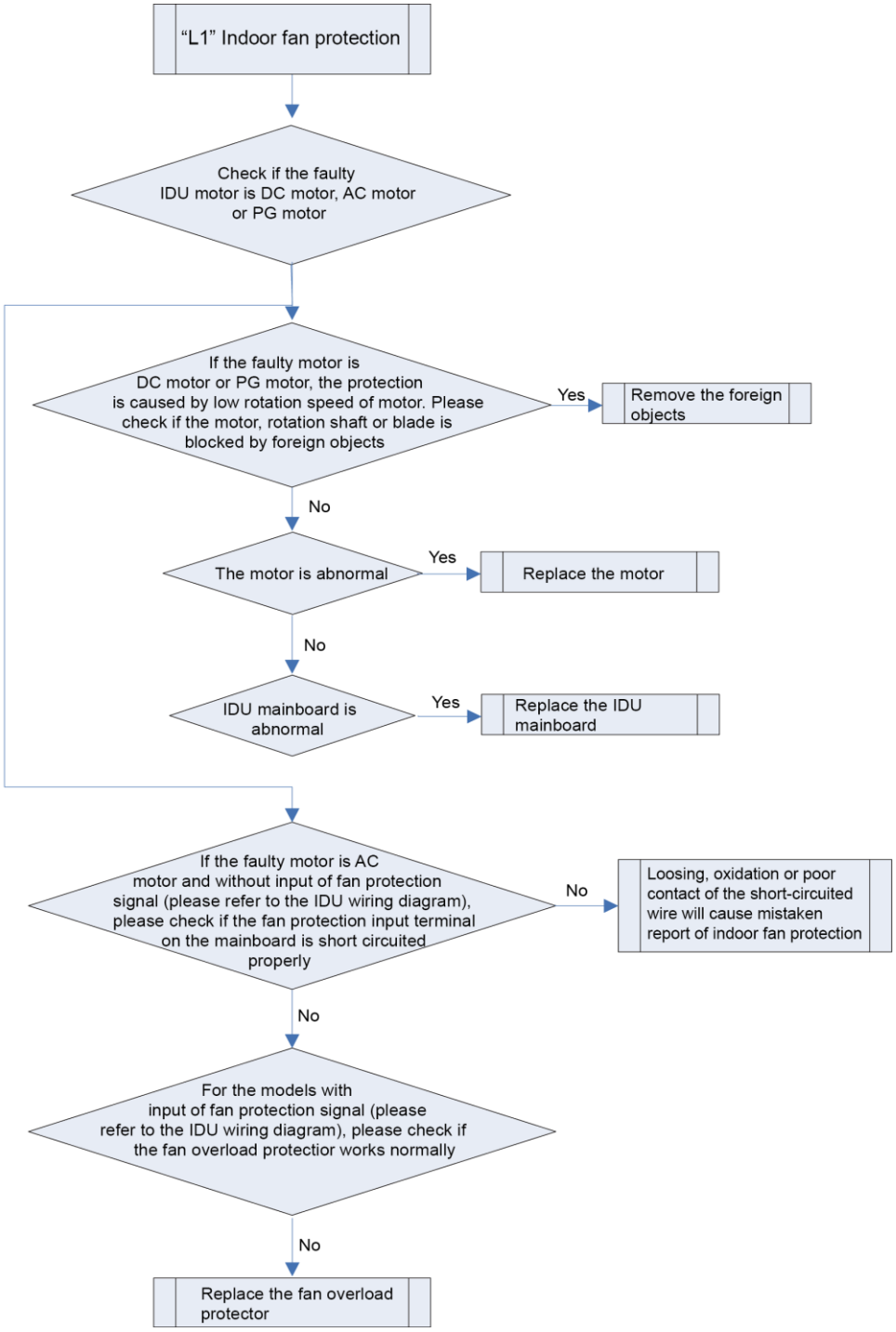
Check if the rotation speed of IDU is too slow, or it stops rotation, or protection signal of outdoor fan is transferred. If yes, it is judged that indoor fan protection occurs.

Possible reason:

■Motor stops operation or it is blocked

■IDU mainboard is abnormal

Troubleshooting:



1.2.13 "L3" Water full protection

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Check the status of IDU float switch. When water level is too high, float switch is activated, so water full protection happens.

Possible reason:

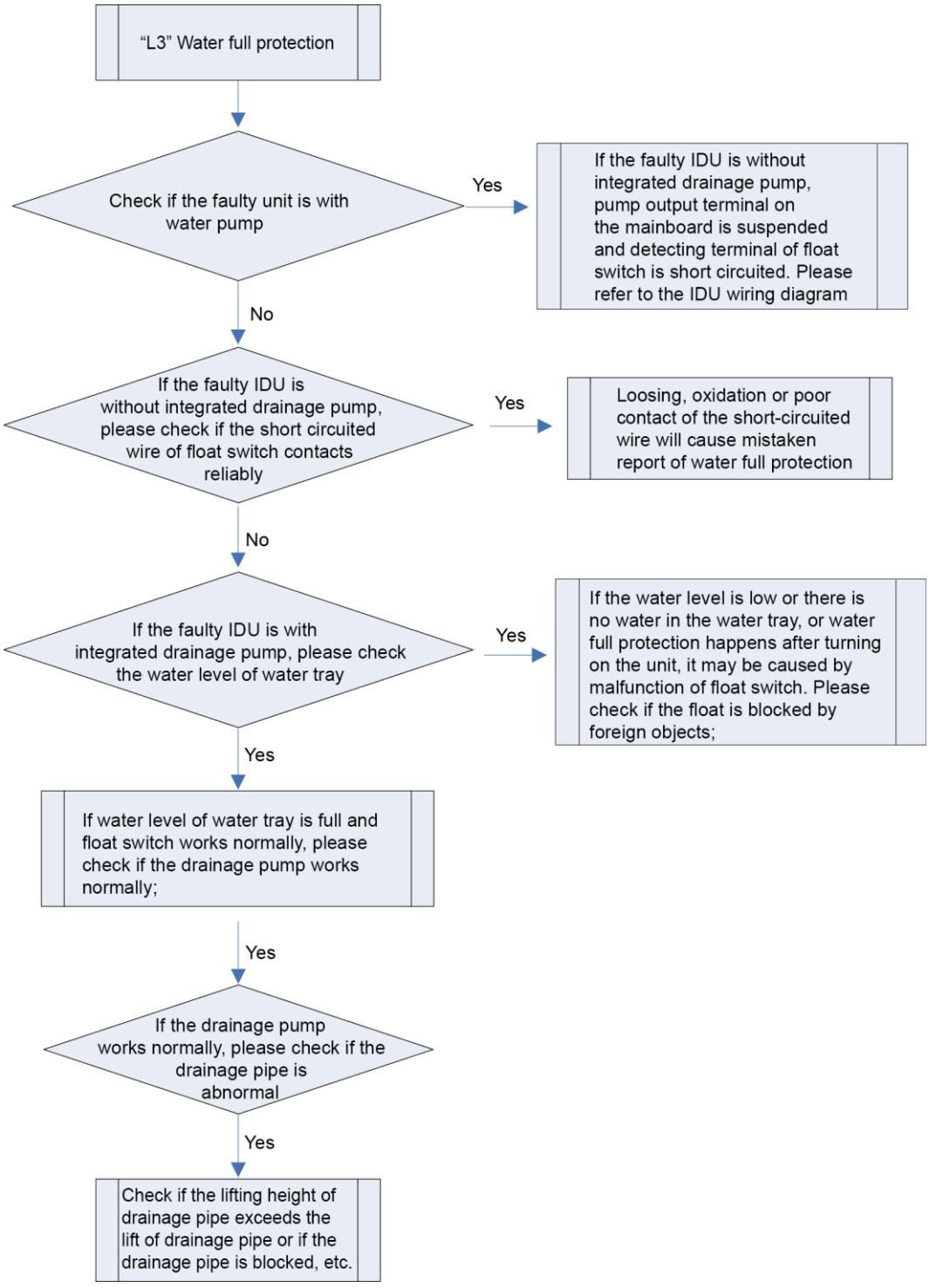
■IDU is installed improperly

■Drainage pump is broken

■Float switch operates abnormally

■IDU mainboard is abnormal

Troubleshooting:



1.2.14 “L4” Power supply overcurrent protection

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Check if the power supply current from IDU to wired controller is normal. If power supply current is too big, it is judged that the current is abnormal.

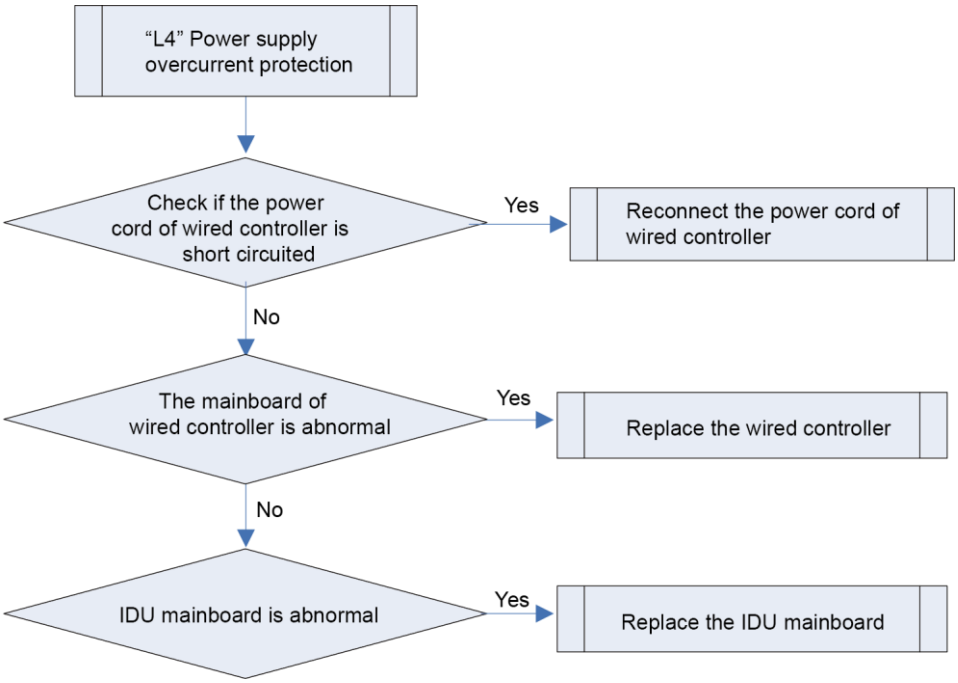
Possible reason:

■Power supply conducting wire of wired controller is short circuited

■IDU mainboard is abnormal

■Mainboard of wired controller is abnormal

Troubleshooting:



1.2.15 “L5” Freeze protection

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Check IDU pipe temperature. When pipe temperature is too low, freeze protection will be activated to prevent freezing damage of evaporator.

Possible reason:

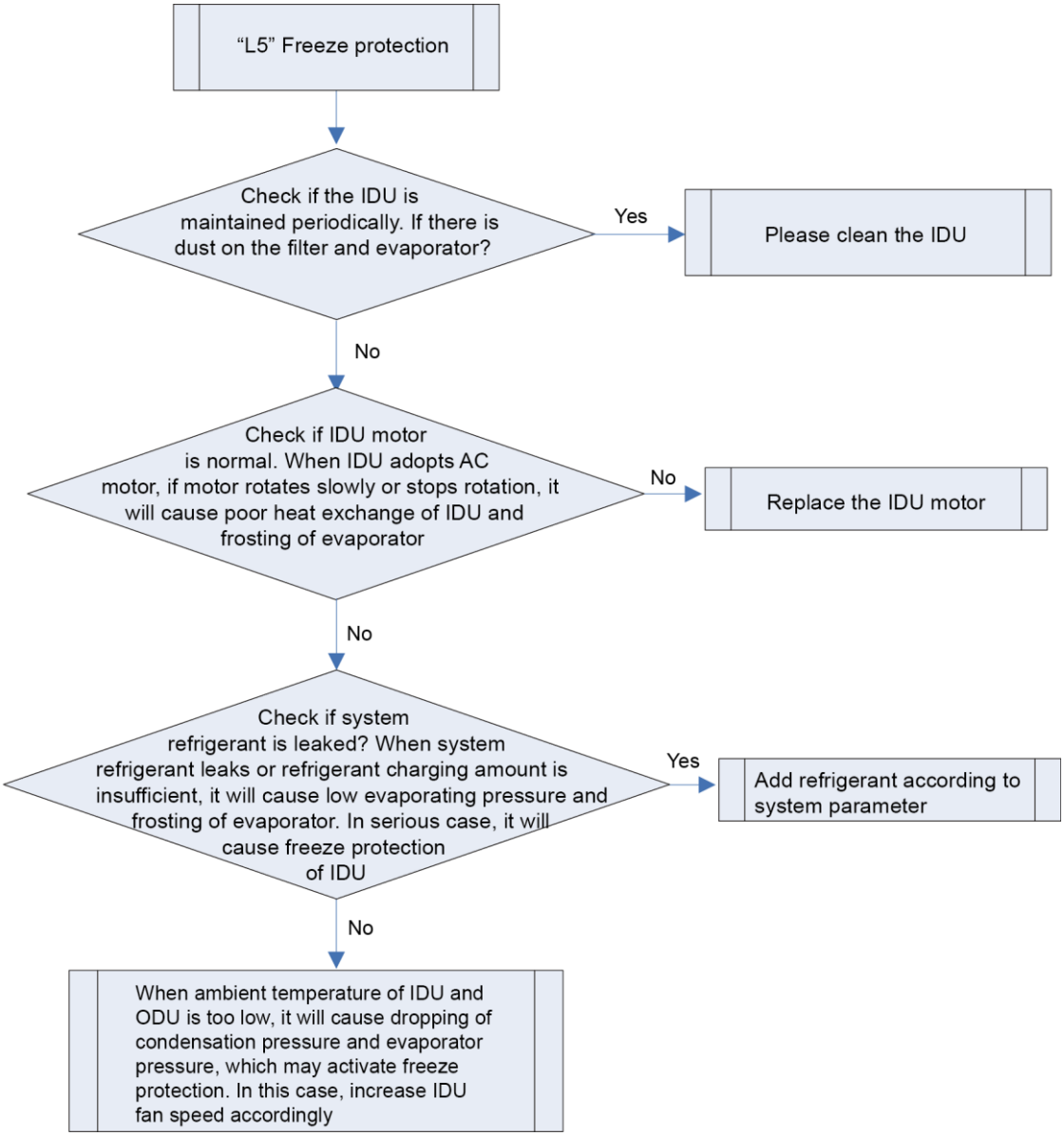
■IDU filter and evaporator are dirty

■IDU motor is blocked

■Refrigerant amount is insufficient

■Ambient temperature of IDU and ODU is too low

Troubleshooting:



1.2.16 "L7" No master IDU

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

No master IDU error will happen when there is no master IDU in the system.

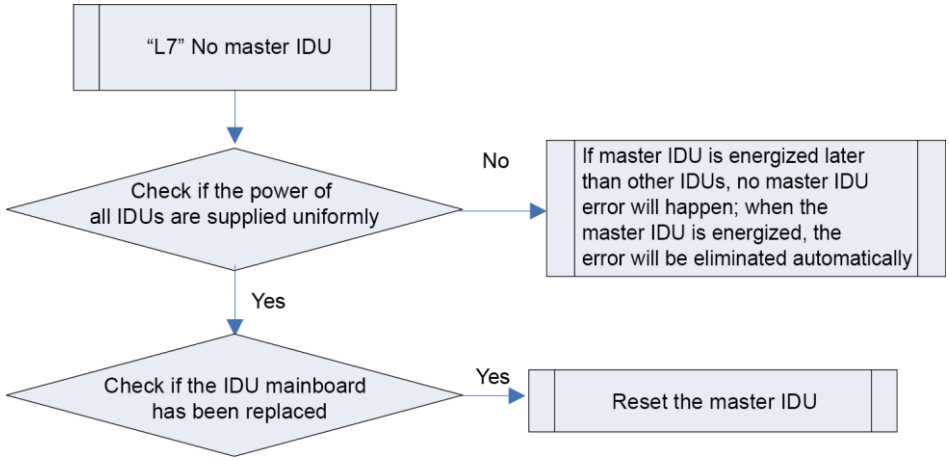
Possible reason:

■Master IDU is offline

■The mainboard of master IDU is replaced

■The mainboard of master IDU has error

Troubleshooting:



1.2.17 "L9" Group-controlled IDU quantity inconsistency

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

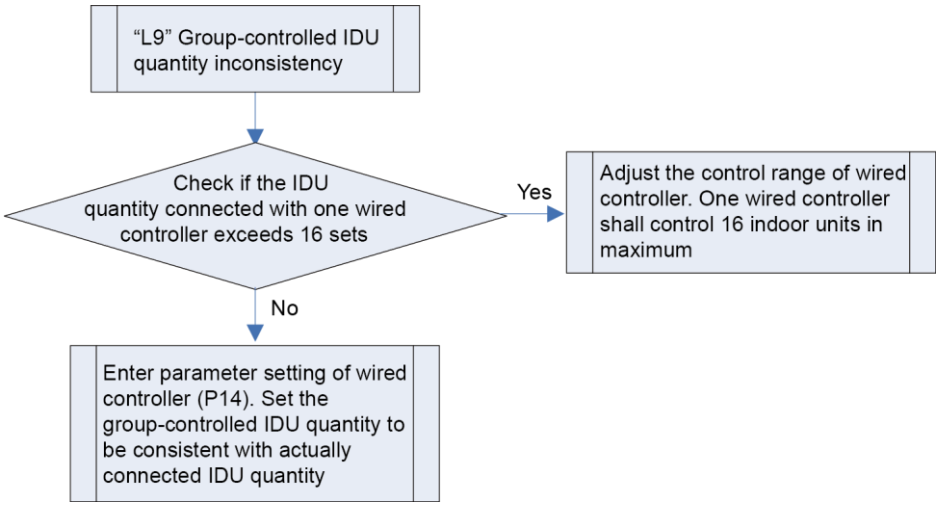
If the IDU quantity connected with wired controller exceeds 16 sets or actually connected IDU quantity is inconsistent with the set group-controlled IDU quantity.

Possible reason:

■IDU quantity connected with one wired controller exceeds 16 sets;

■Actually connected IDU quantity is inconsistent with the set group-controlled IDU quantity.

Troubleshooting:



1.2.18 "LA" Group-controlled IDU series inconsistency

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

Wired controller detects that the IDUs connected with itself belong to different series.

Possible reason:

■IDUs connected with one wired controller belong to different series.

Troubleshooting:

Make sure the IDUs connected with one wired controller belong to the same series.

1.2.19 “LC” Mismatch of IDU and ODU models

Error display: IDU wired controller and IDU receive light board will display

Error judgment condition and method:

When some IDUs or devices which cannot be identified by some ODUs are installed in the system, mismatch error of IDU and ODU models will occur.

Possible reason:

■Mismatch of IDU and ODU

Troubleshooting:

When some IDUs or devices which cannot be identified by some ODUs are installed in the system (E.g. floor heating device is installed in modular DC inverter multiple VRF system), the error will occur. Please remove the relevant IDU devices or replace the ODU with suitable model.

1.2.20 “Ld” Protection for indoor fan(fan 2)

Error display: ODU main board and IDU wired controller will display

Error judgment condition and method:

Check the error code on the display board, if it displays Ld, that’s the Protection for Indoor Fan(Fan 2).

Possible reasons:

■The fan is damaged.

■Poor contact between main control board and drive board communication terminal.

■Fan motor or main board is abnormal.

Troubleshooting:

1) Check if the fan is blocked.

2) Check the terminal between main board and fan motor to see if it is loose or any foreign objects inside?

3) Replace the main control board and drive board in turn, then replace it after confirming the faulted board.

1.2.21 “o1” Low bus bar voltage of indoor unit

Error display: ODU main board and IDU wired controller will display

Error judgment condition and method:

Check the error code on the display board, if it displays o1 and indoor fan stops running,that’s the Low Bus bar Voltage of Indoor Unit.

Possible reasons:

■Power supply is abnormal.

■Fan drive board is abnormal.

Troubleshooting:

1) Check whether the power supply is in the normal range required by the unit.

2) If the power supply is normal, check the drive board is damaged, please replace the drive board.

1.2.22 “o2” High bus bar voltage of indoor unit

Error display: ODU main board and IDU wired controller will display

Error judgment condition and method:

Check the error code on the display board, if it displays o2 and indoor fan stops running, that’s the High Bus bar Voltage of Indoor Unit.

Possible reasons:

■Power supply is abnormal.

■Fan drive board is abnormal.

Troubleshooting:

1) Check whether the power supply is in the normal range required by the unit.

2) If the power supply is normal, check the drive board is damaged, please replace the drive board.

1.2.23 “oC” Charging circuit malfunction of indoor unit

Error display: ODU main board and IDU wired controller will display

Error judgment condition and method:

Check the error code on the display board, if it displays oC and indoor fan stops running, that’s the Charging Circuit Malfunction of Indoor Unit.

Possible reasons:

■Power supply is abnormal.

■Fan drive board is abnormal.

Troubleshooting:

1) Check whether the power supply is in the normal range required by the unit.

2) If the power supply is normal, check the drive board is damaged, please replace the drive board.

1.2.24 “o0” Other drive malfunction

Error display: ODU main board and IDU wired controller will display：

Error judgment condition and method:

Check the error code on the display board, if it displays o0 and indoor fan stops running, that’s the Charging Circuit Malfunction of Indoor Unit

Possible reasons:

■Power supply is abnormal.

■Fan drive board is abnormal.

■Fan motor is abnormal.

Troubleshooting:

1) Check whether the power supply is in the normal range required by the unit.

2) If the power supply is normal, check the drive board is damaged, please replace the drive board.

3) Check if the fan motor is damaged, please replace the fan motor.

1.2.25 “yJ” Mode signal line missing (AHU-KIT and connected third party wired controller)

Error display: ODU main board and GREE IDU wired controller will display：

Error judgment condition and method:

If AHU-KIT receive unit on signal, but AHU-KIT doesn't receive mode signal, the unit will operate as "OFF"; If doesn't receive mode signal, there will be Mode signal line missing yJ error code.

Troubleshooting:

■Communication cable open circuit;

■The power-on signal is not set successfully;

■Third-party Wired controller, abnormal settings

1.2.26 “yP” Multi-mode signal conflict (AHU-KIT and connected third party wired controller)

Error display: ODU main board and GREE IDU wired controller will display：

Error judgment condition and method:

If AHU-KIT receive unit on signal, and AHU-KIT receive more than or equal to 2 mode signals, the unit will operate as "OFF"; If keep receiving more than or equal to 2 mode signals, there will be Multi-mode signal conflict yP error code.

Troubleshooting:

■Check Wired controller for different modes

1.2.27 “yU” Temperature signal line missing (AHU-KIT and connected third party wired controller)

Error display: ODU main board and GREE IDU wired controller will display：

Error judgment condition and method:

If AHU-KIT receive unit on signal, and AHU-KIT receive unvalid set temperature signal (if input power is lower than 0.1V, it will be considered as unvalid set temperature signal), the unit will operate as "OFF"; If detecting unvalid set temperature signal, there will be temperature signal line missing yU error code.

Troubleshooting:

■Check that the temperature setting of the third-party Wired controller is correct

2 After-sales Emergency Measures

When some unrecoverable fault occurs to one module which is connected with several others in parallel, the following emergency measures are recommended to guarantee the heating or cooling capacity of the indoor units and the service life of modules except the faulted one are not affected.

Step 1: set all indoor units under “Off” mode and cut off the power supply to the indoor and outdoor units.

Step 2: shut off all cutoff valves of the faulted outdoor unit, including the cutoff valves of the liquid/gas pipe as well as the oil balancing valve.

Step 3: cut off the air switch of the module.

Step 4: remove the communication line between the faulted module and other modules which are still kept connected through the communication line.

Step 5: readjust the address and quantity settings on the main board of the modules except the faulted one.

Step 6: power and restart the unit.

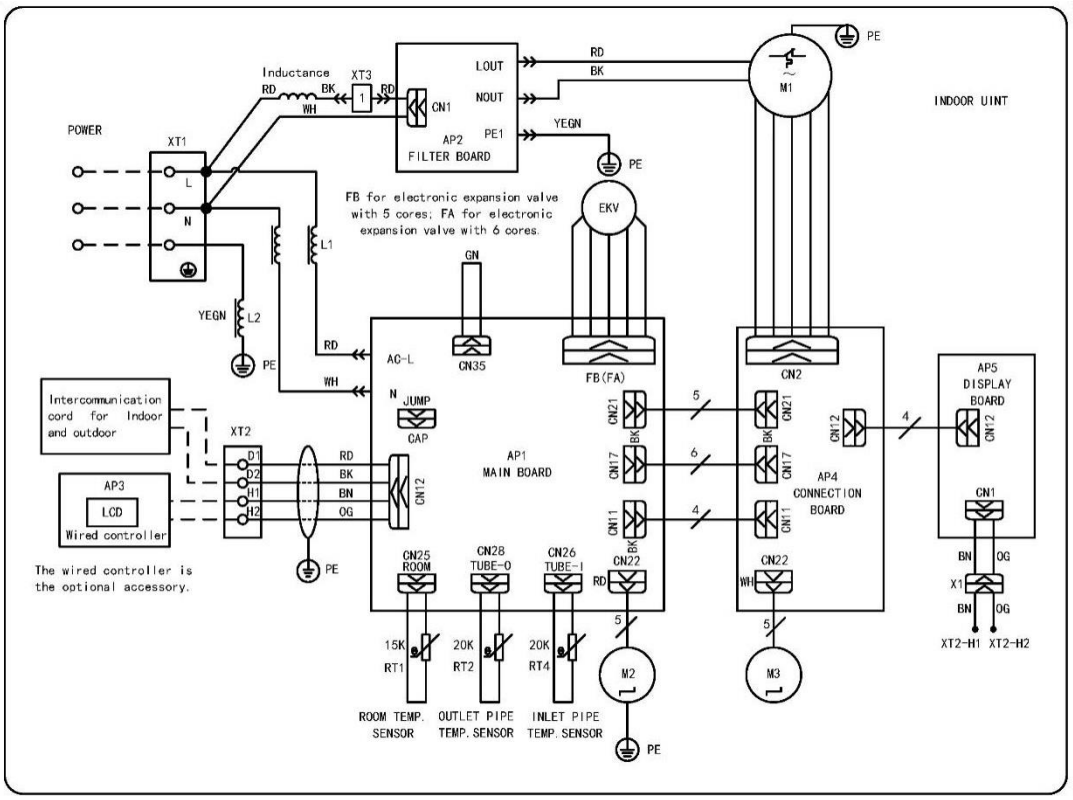
3 Wiring Diagram

NOTE:

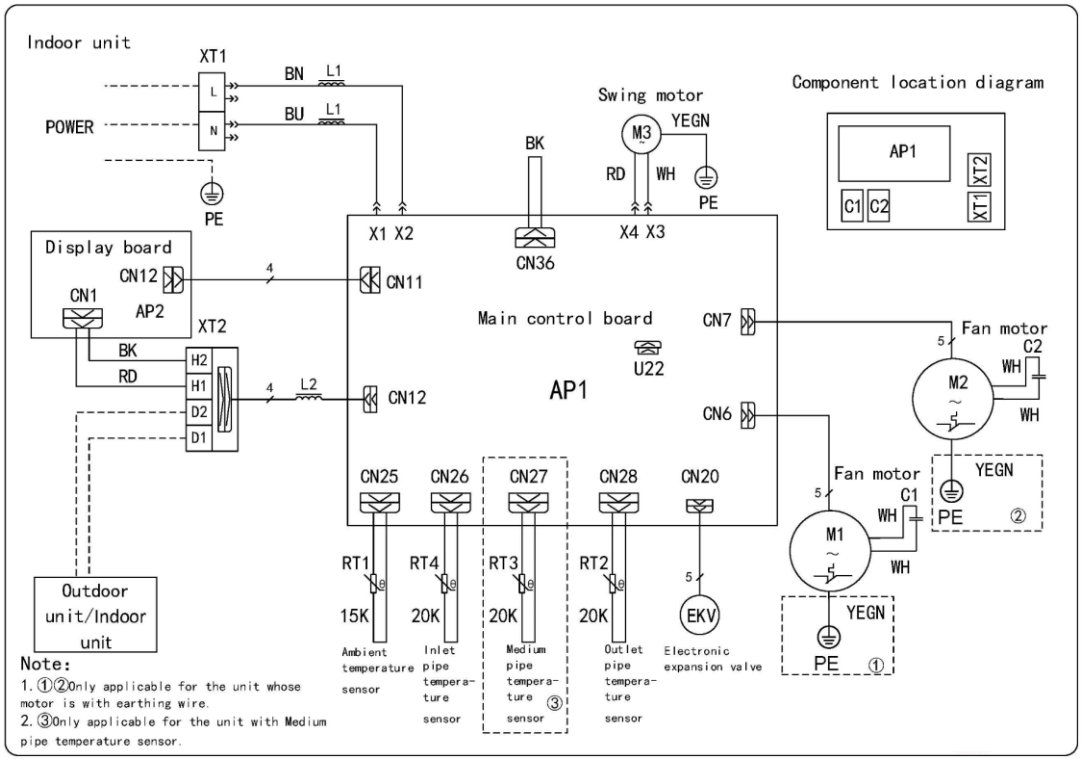
This drawing is just for reference; please always refer to the electric wiring stuck to the unit for actual wiring.

3.1 Floor Standing Type

GMV-ND100L/A-T, GMV-ND140L/A-T:

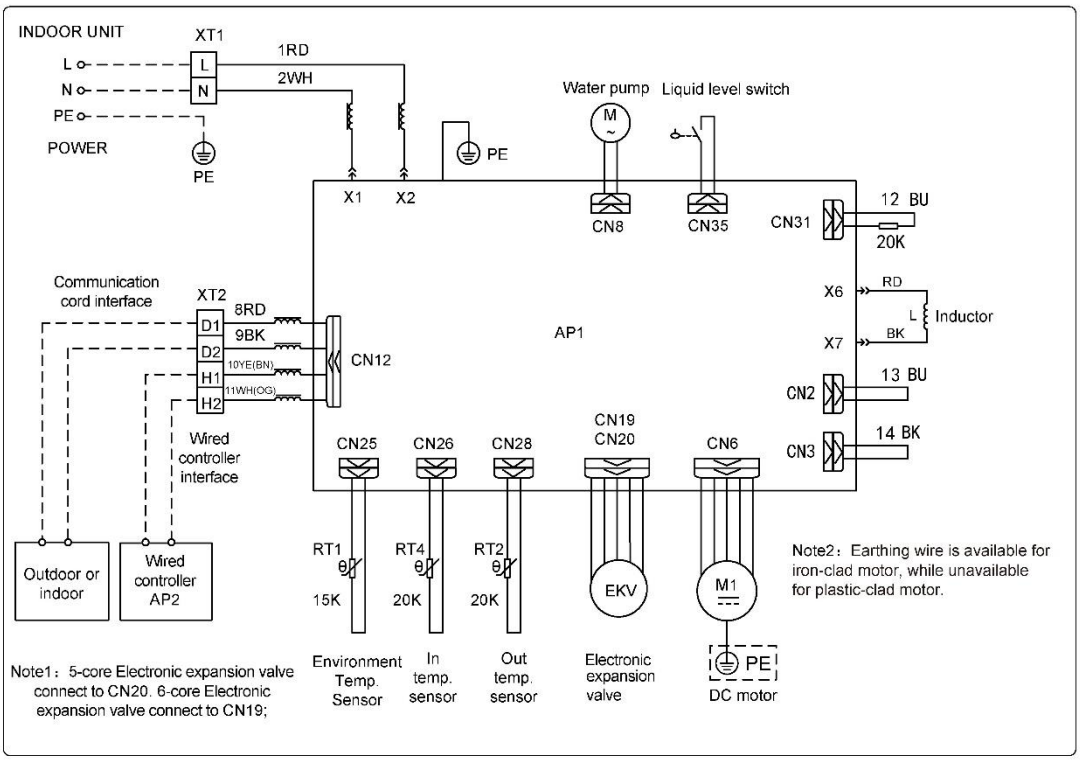


GMV-N280L/A-D:

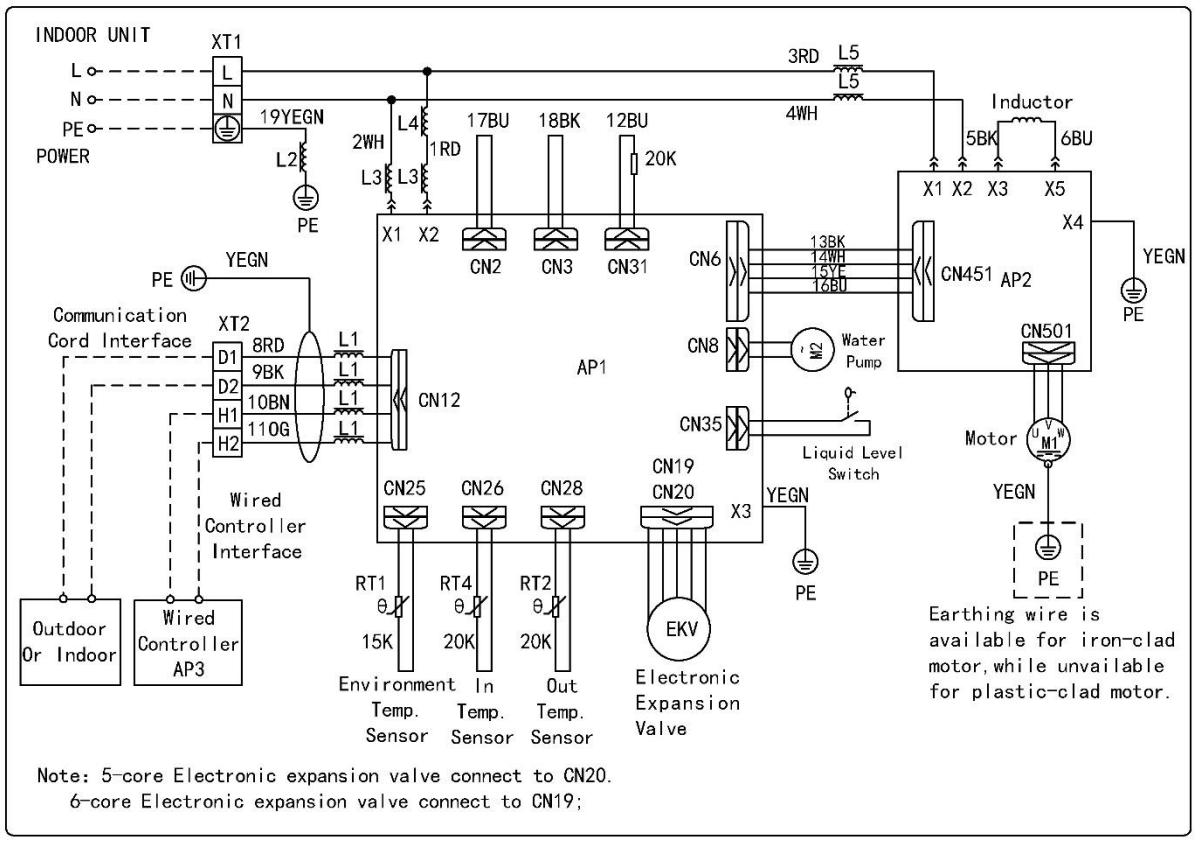


3.2 High Static Pressure Duct Type

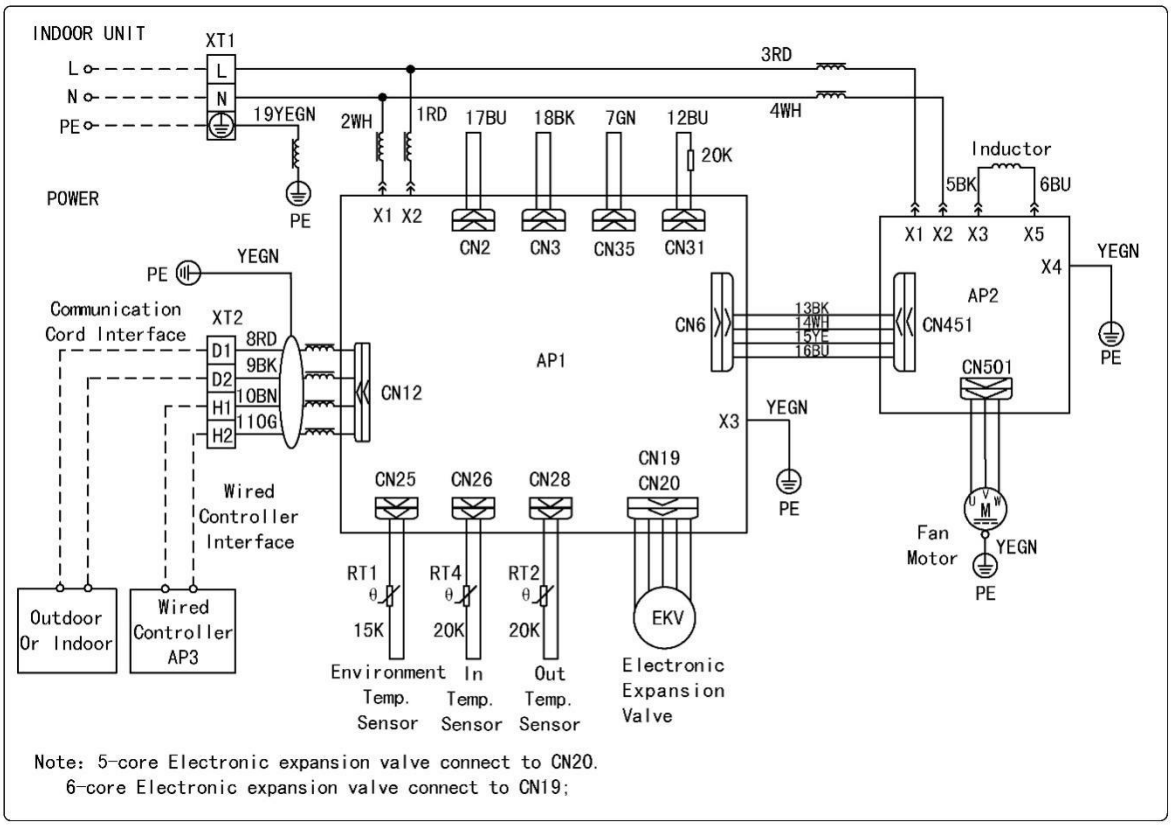
GMV-ND56PHS/A-T, GMV-ND63PHS/A-T, GMV-ND71PHS/A-T, GMV-ND80PHS/A-T, GMV-ND90PHS/A-T, GMV-ND100PHS/A-T, GMV-ND112PHS/A-T, GMV-ND125PHS/A-T, GMV-ND140PHS/A-T:



GMV-ND160PHS/A-T:

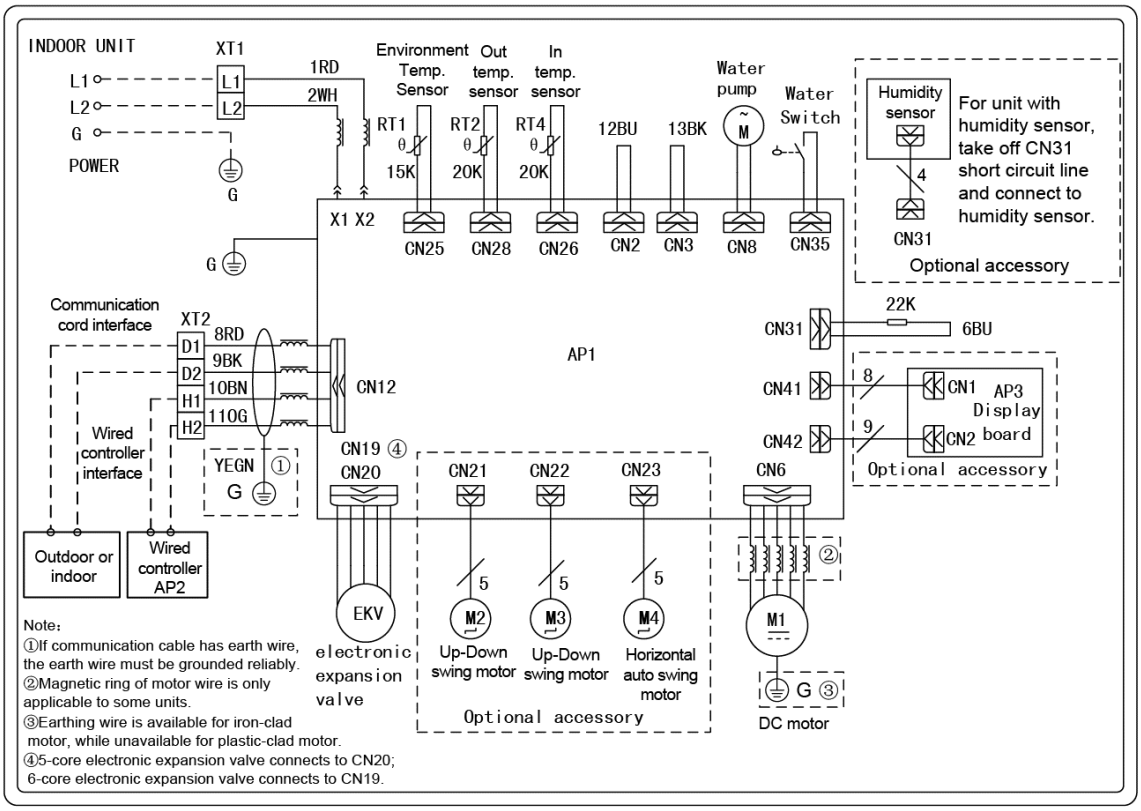


GMV-ND224PH/A-T, GMV-ND280PH/A-T:

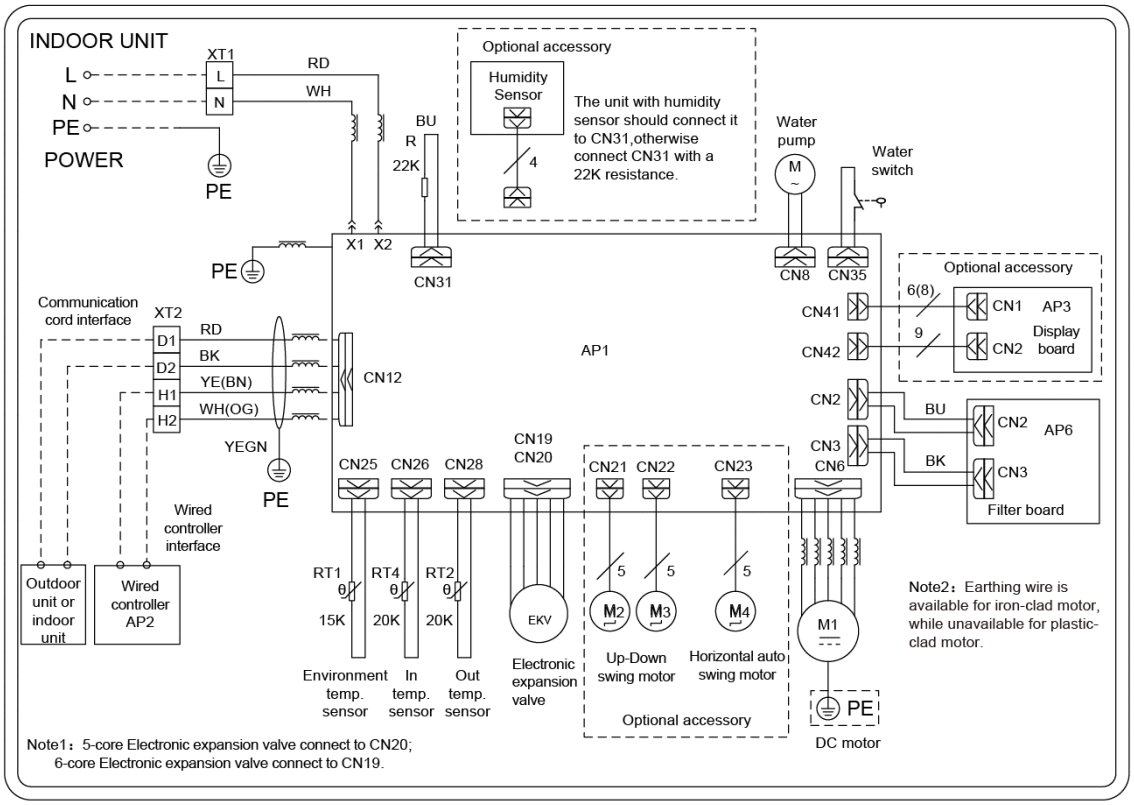


3.3 Low Static Pressure Duct Type

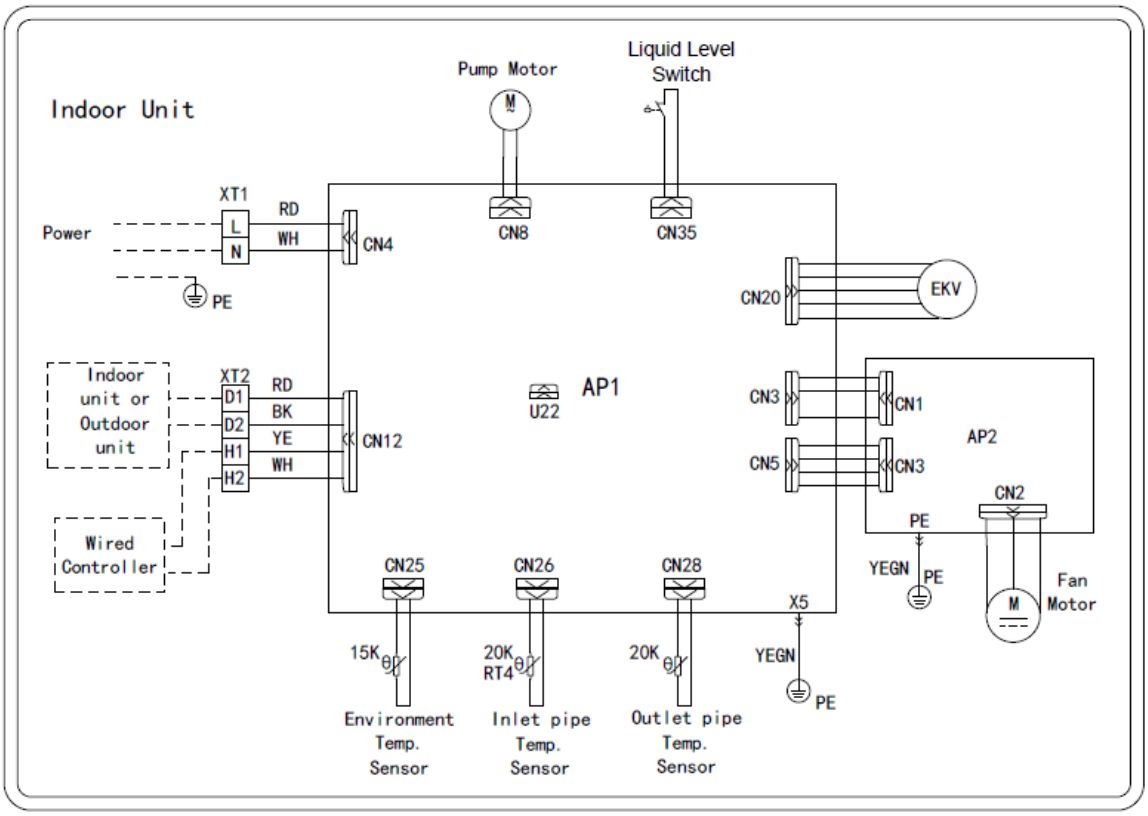
GMV-ND22PLS/A-T, GMV-ND25PLS/A-T, GMV-ND28PLS/A-T, GMV-ND32PLS/A-T, GMV-ND36PLS/A-T, GMV-ND40PLS/A-T, GMV-ND45PLS/A-T, GMV-ND50PLS/A-T, GMV-ND56PLS/A-T, GMV-ND63PLS/A-T, GMV-ND71PLS/A-T, GMV-ND80PLS/A-T:



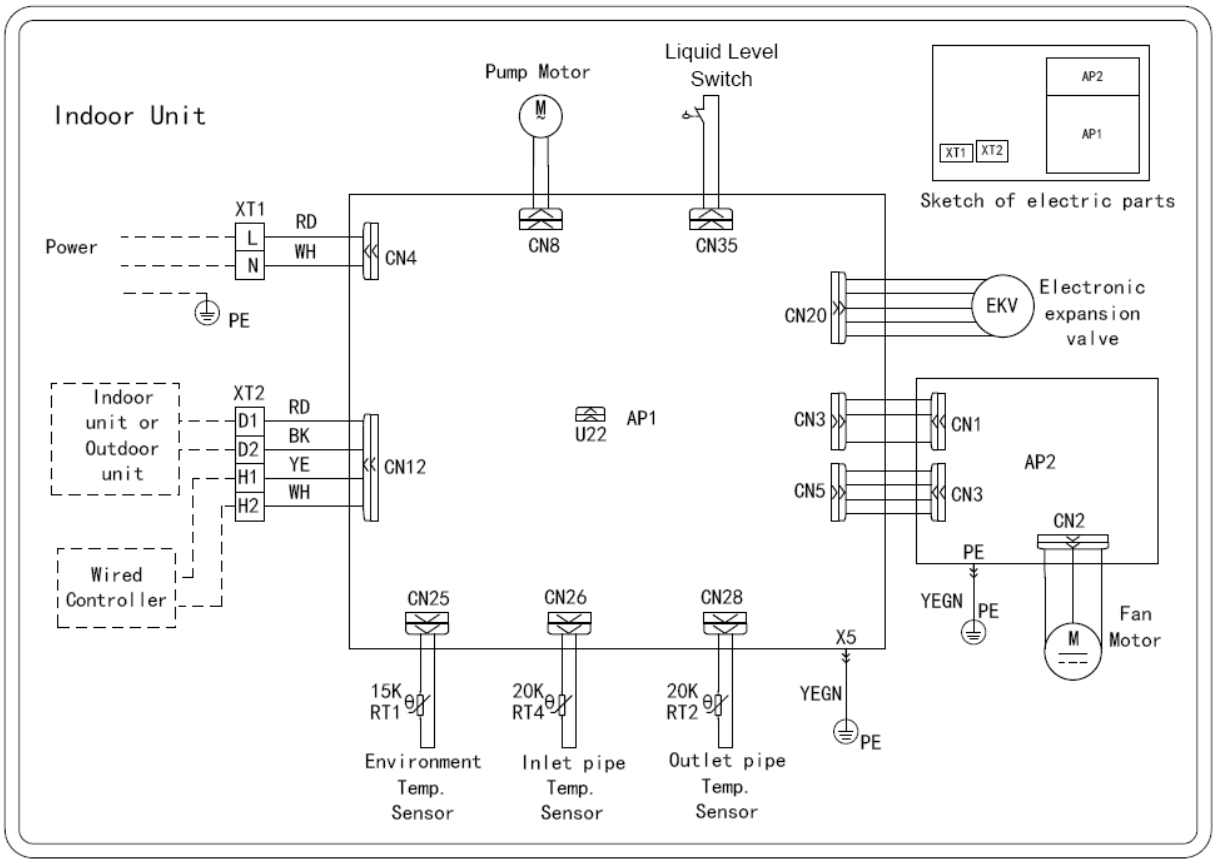
GMV-ND90PLS/A-T, GMV-ND100PLS/A-T, GMV-ND112PLS/A-T, GMV-ND125PLS/A-T, GMV-ND140PLS/A-T:



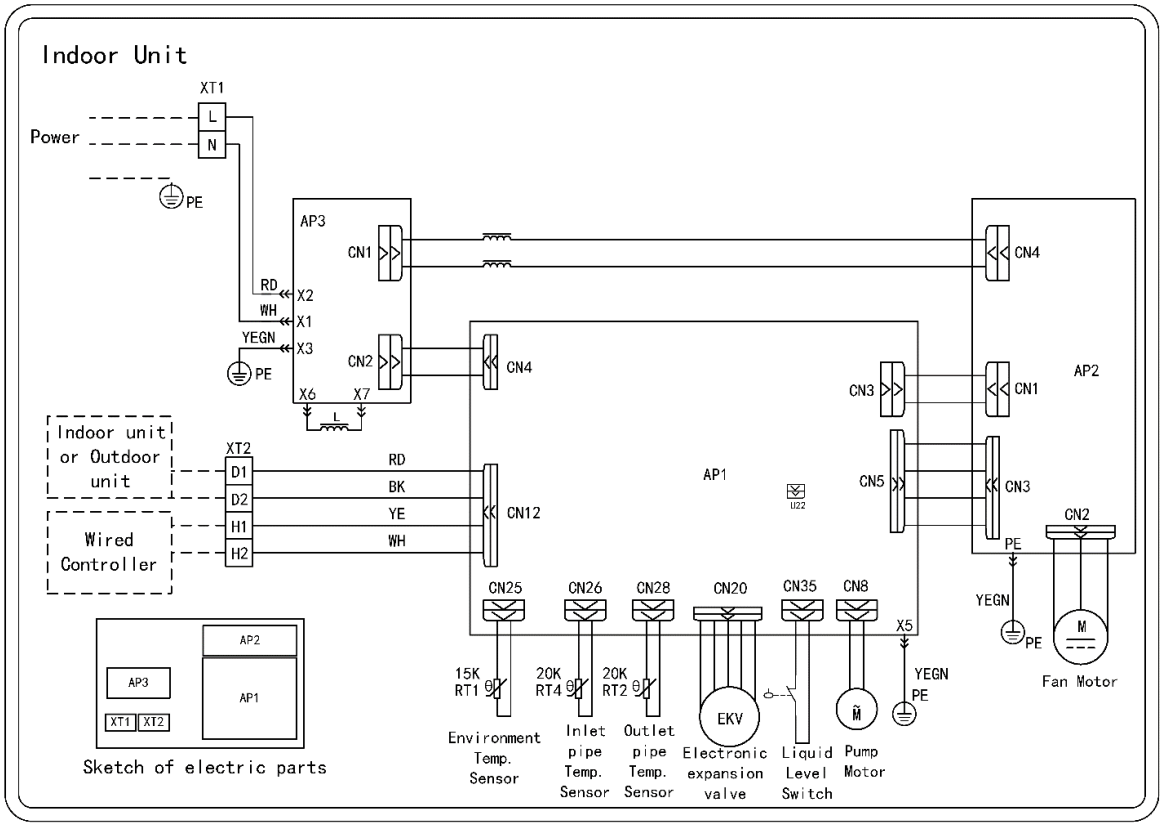
GMV-ND18PLS/C-T, GMV-ND22PLS/C-T, GMV-ND25PLS/C-T, GMV-ND28PLS/C-T, GMV-ND32PLS/C-T, GMV-ND36PLS/C-T, GMV-ND40PLS/C-T, GMV-ND45PLS/C-T, GMV-ND50PLS/C-T, GMV-ND56PLS/C-T, GMV-ND63PLS/C-T, GMV-ND71PLS/C-T:



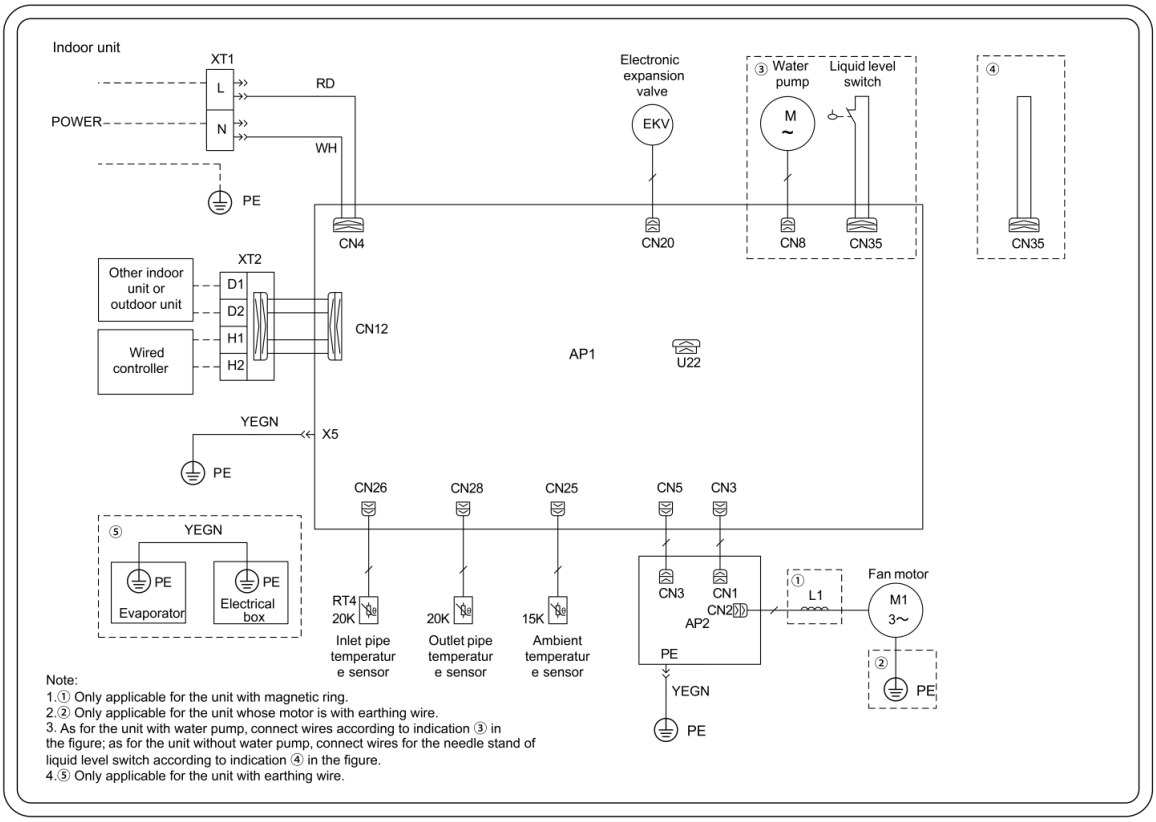
GMV-ND80PLS/C-T:



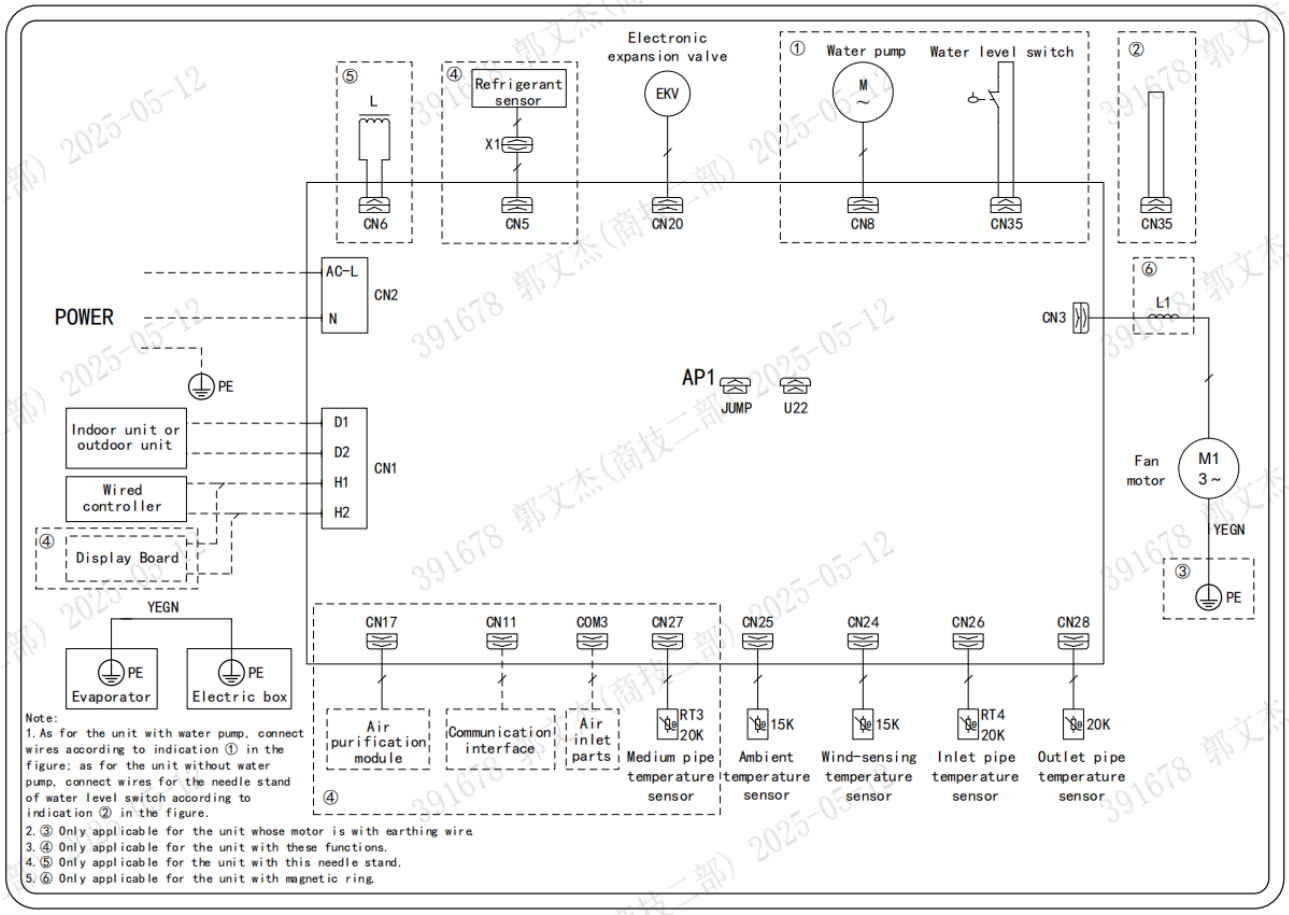
GMV-ND90PLS/C-T, GMV-ND100PLS/C-T, GMV-ND112PLS/C-T, GMV-ND125PLS/C-T, GMV-ND140PLS/C-T:



GMV-ND18PLS/C1-T, GMV-ND22PLS/C1-T, GMV-ND25PLS/C1-T, GMV-ND28PLS/C1-T, GMV-ND32PLS/C1-T, GMV-ND36PLS/C1-T, GMV-ND40PLS/C1-T, GMV-ND45PLS/C1-T, GMV-ND50PLS/C1-T, GMV-ND56PLS/C1-T, GMV-ND63PLS/C1-T, GMV-ND71PLS/C1-T, GMV-ND80PLS/C1-T:



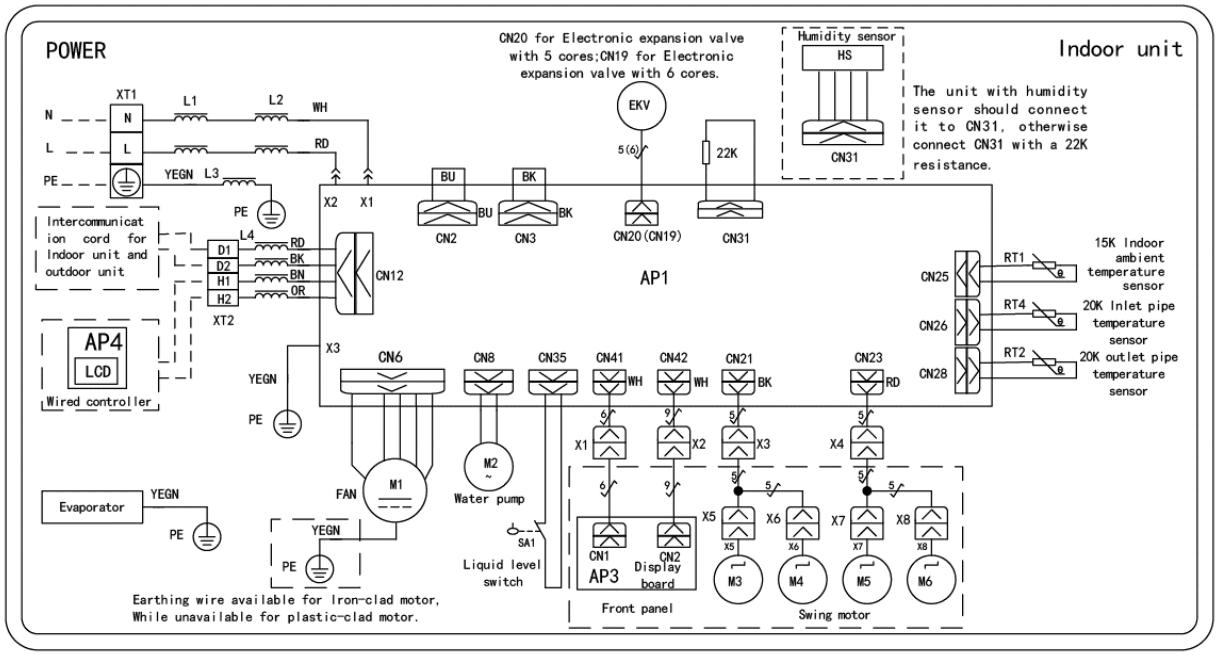
GMV-ND15~80PLS/K-T



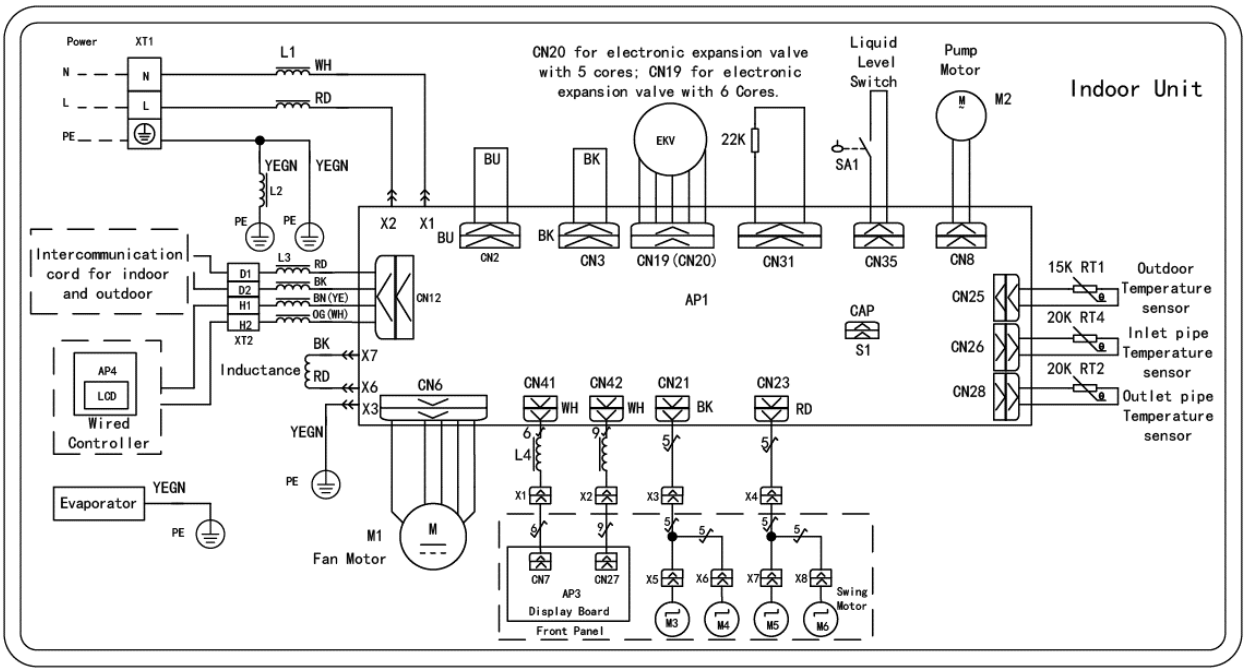
3.4 4-way Cassette Type

GMV-ND28T/A-T, GMV-ND36T/A-T, GMV-ND45T/A-T, GMV-ND50T/A-T, GMV-ND56T/A-T, GMV-ND63T/A-T, GMV-ND71T/A-T, GMV-ND80T/A-T:

GMV-ND90T/A-T, GMV-ND100T/A-T, GMV-ND112T/A-T, GMV-ND125T/A-T, GMV-ND140T/A-T:

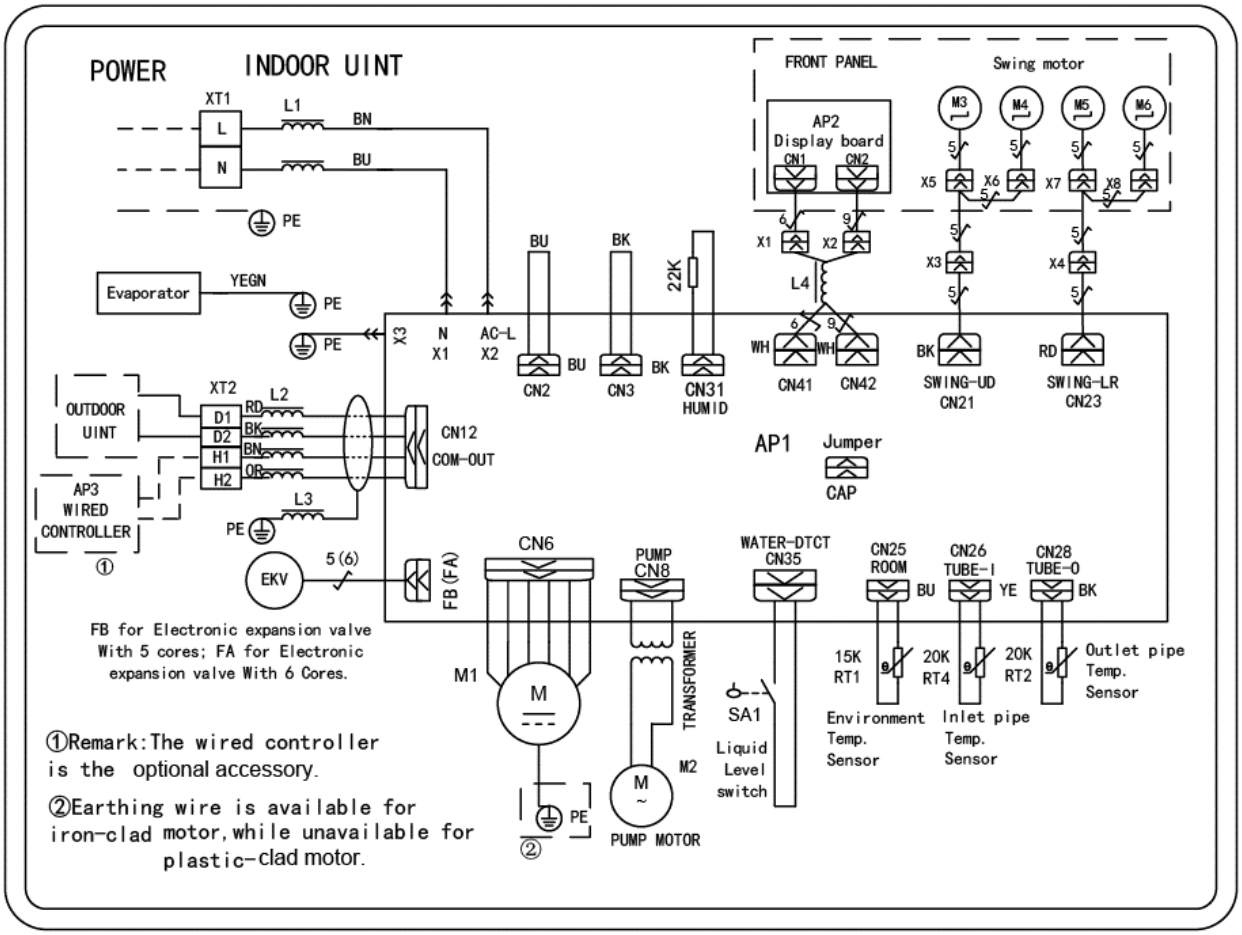


GMV-ND160T/A-T:



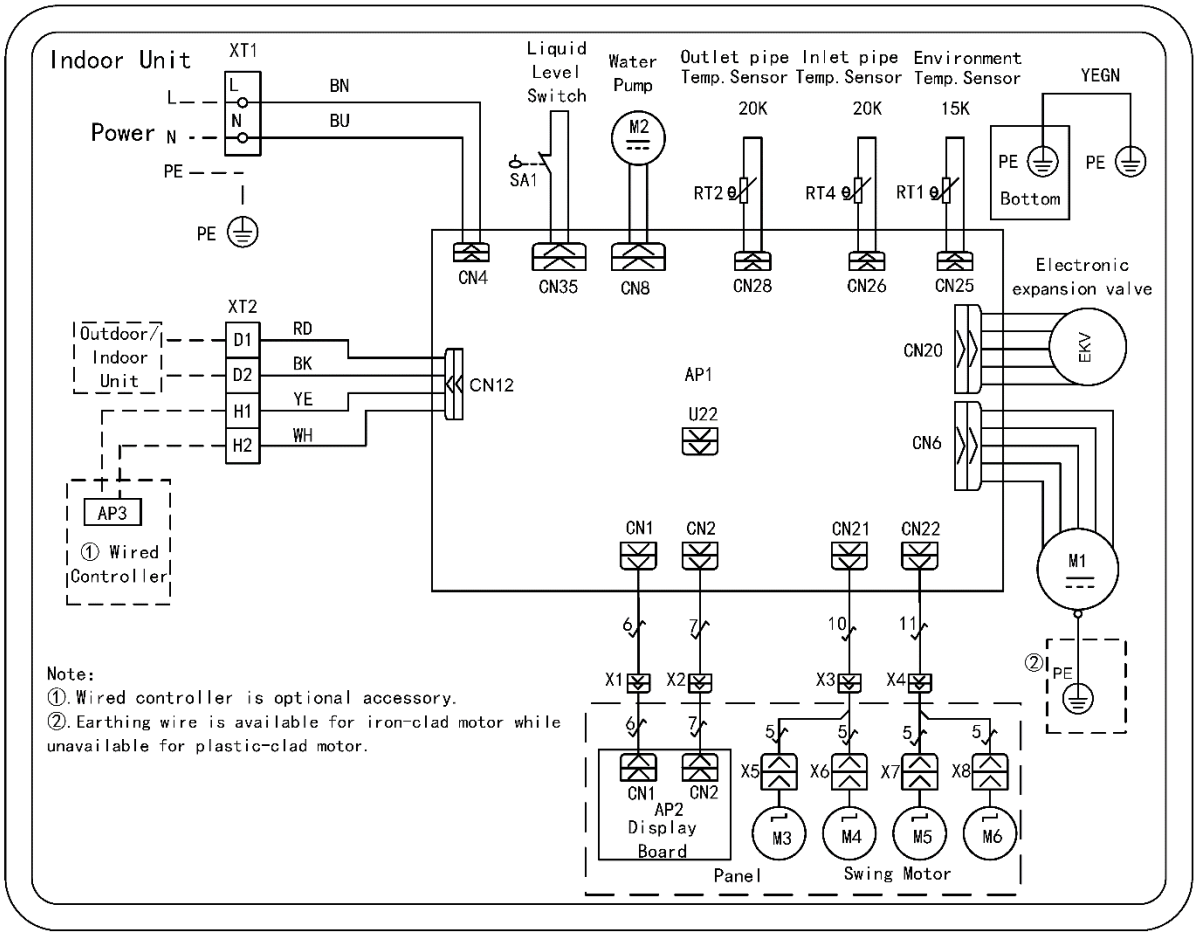
3.5 Compact 4-way Cassette Type

GMV-ND22T/B-T, GMV-ND28T/B-T, GMV-ND36T/B-T, GMV-ND45T/B-T, GMV-ND50T/B-T, GMV-ND56T/B-T:



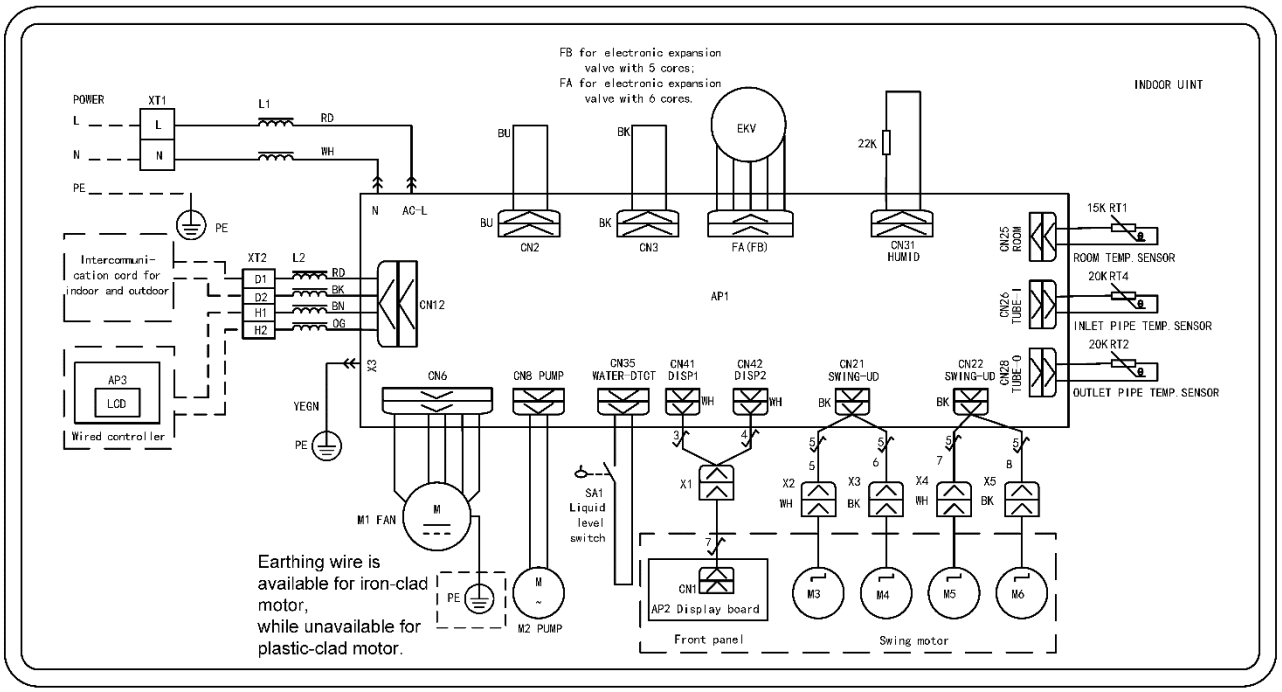
3.6 360°Air Discharge Compact Cassette Type

GMV-ND15T/E-T, GMV-ND18T/E-T, GMV-ND22T/E-T, GMV-ND28T/E-T, GMV-ND36T/E-T, GMV-ND45T/E-T, GMV-ND50T/E-T, GMV-ND56T/E-T

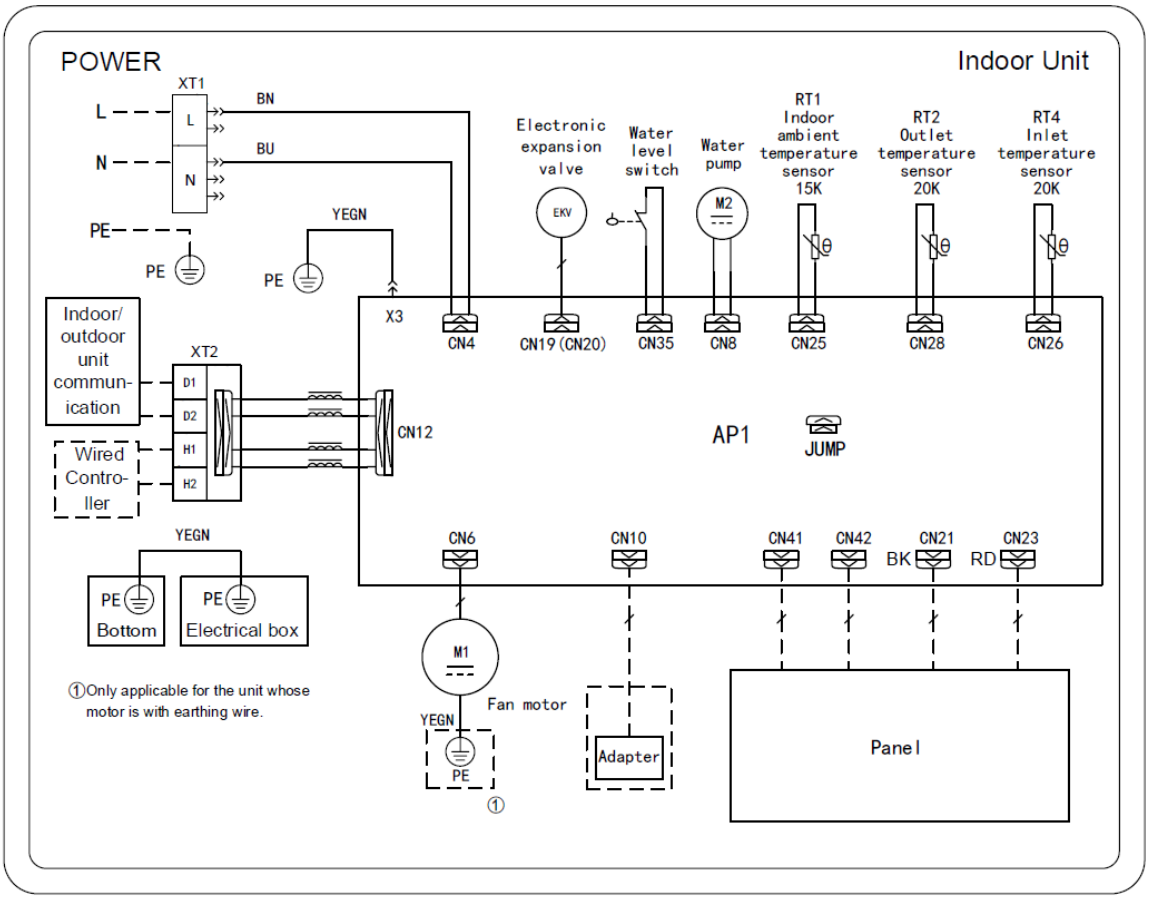


3.7 2-way Cassette Type

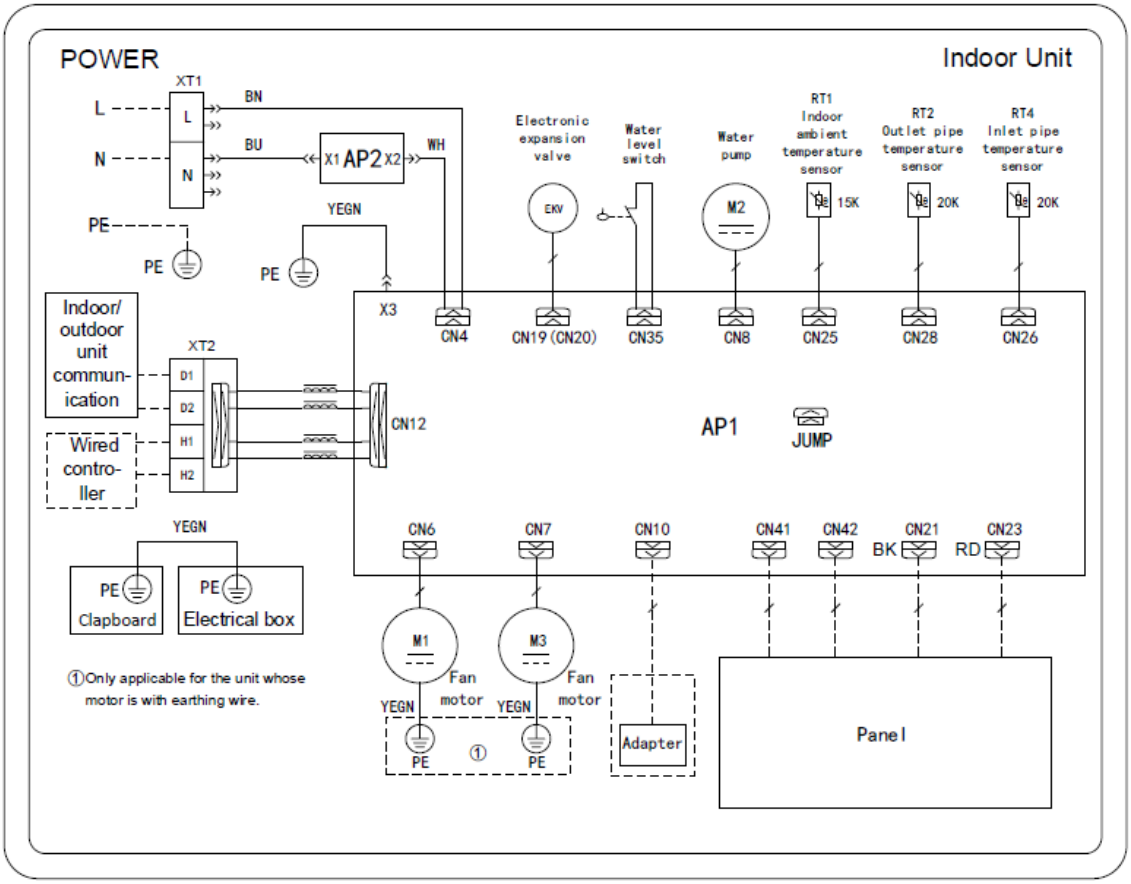
GMV-ND28TS/A-T, GMV-ND36TS/A-T, GMV-ND45TS/A-T, GMV-ND50TS/A-T, GMV-ND56TS/A-T, GMV-ND63TS/A-T, GMV-ND71TS/A-T:



GMV-ND28TS/B-T, GMV-ND36TS/B-T, GMV-ND45TS/B-T, GMV-ND50TS/B-T, GMV-ND56TS/B-T, GMV-ND63TS/B-T, GMV-ND71TS/B-T, GMV-ND80TS/B-T:

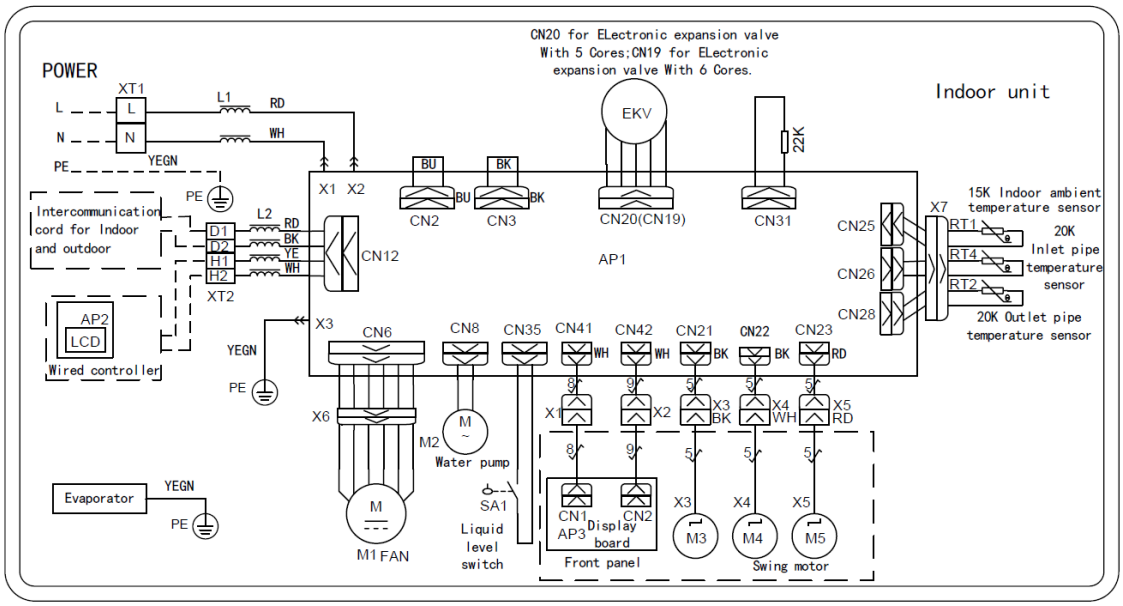


GMV-ND90TS/B-T, GMV-ND100TS/B-T,GMV-ND112TS/B-T,GMV-ND125TS/B-T, GMV-ND140TS/B-T, GMV-ND160TS/B-T:

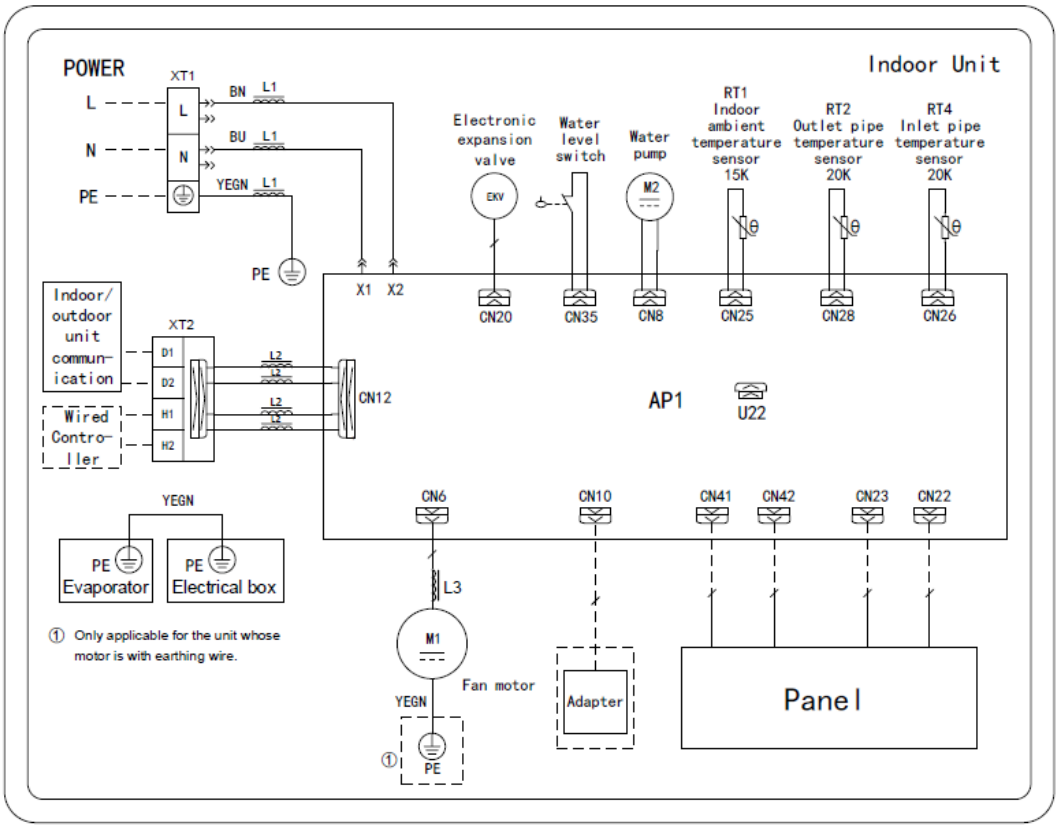


3.8 1-way Cassette Type

GMV-ND22TD/A-T, GMV-ND28TD/A-T, GMV-ND36TD/A-T, GMV-ND45TD/A-T, GMV-ND50TD/A-T, GMV-ND56TD/A-T:

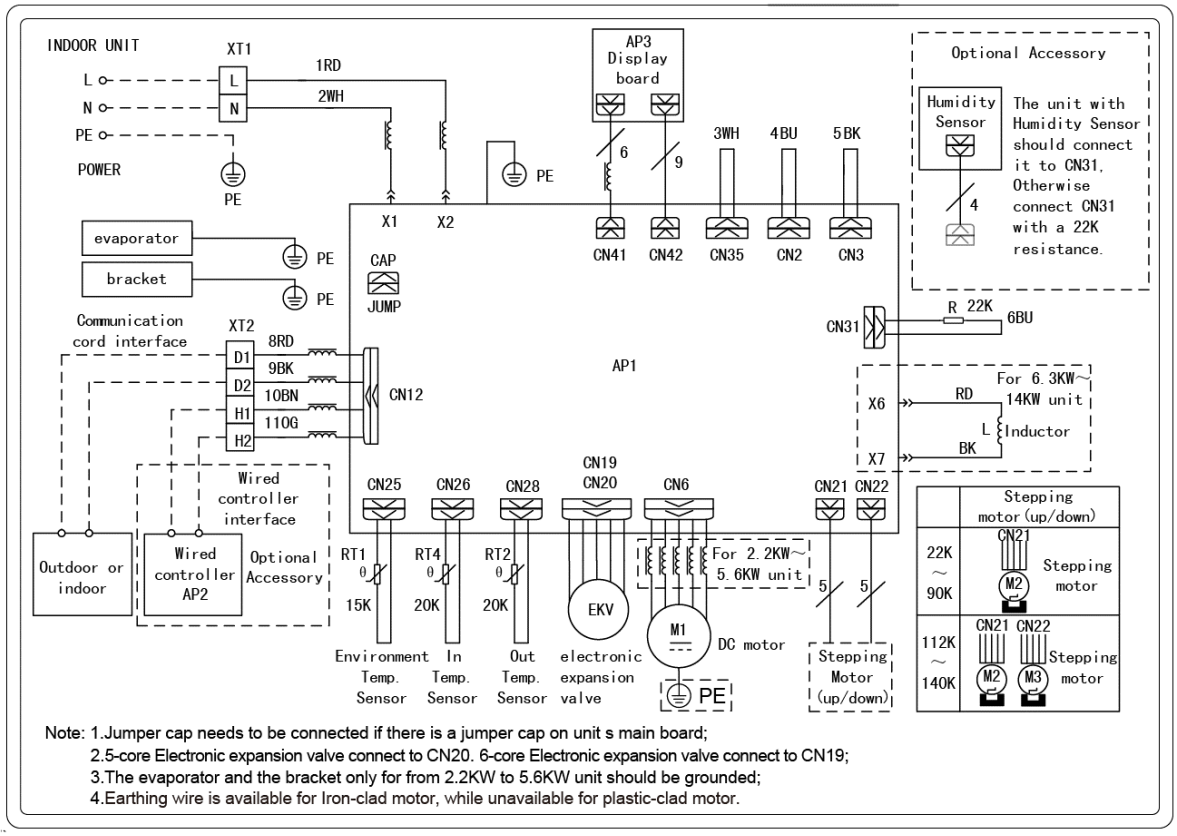


GMV-ND63TD/B-T, GMV-ND71TD/B-T, GMV-ND80TD/B-T:

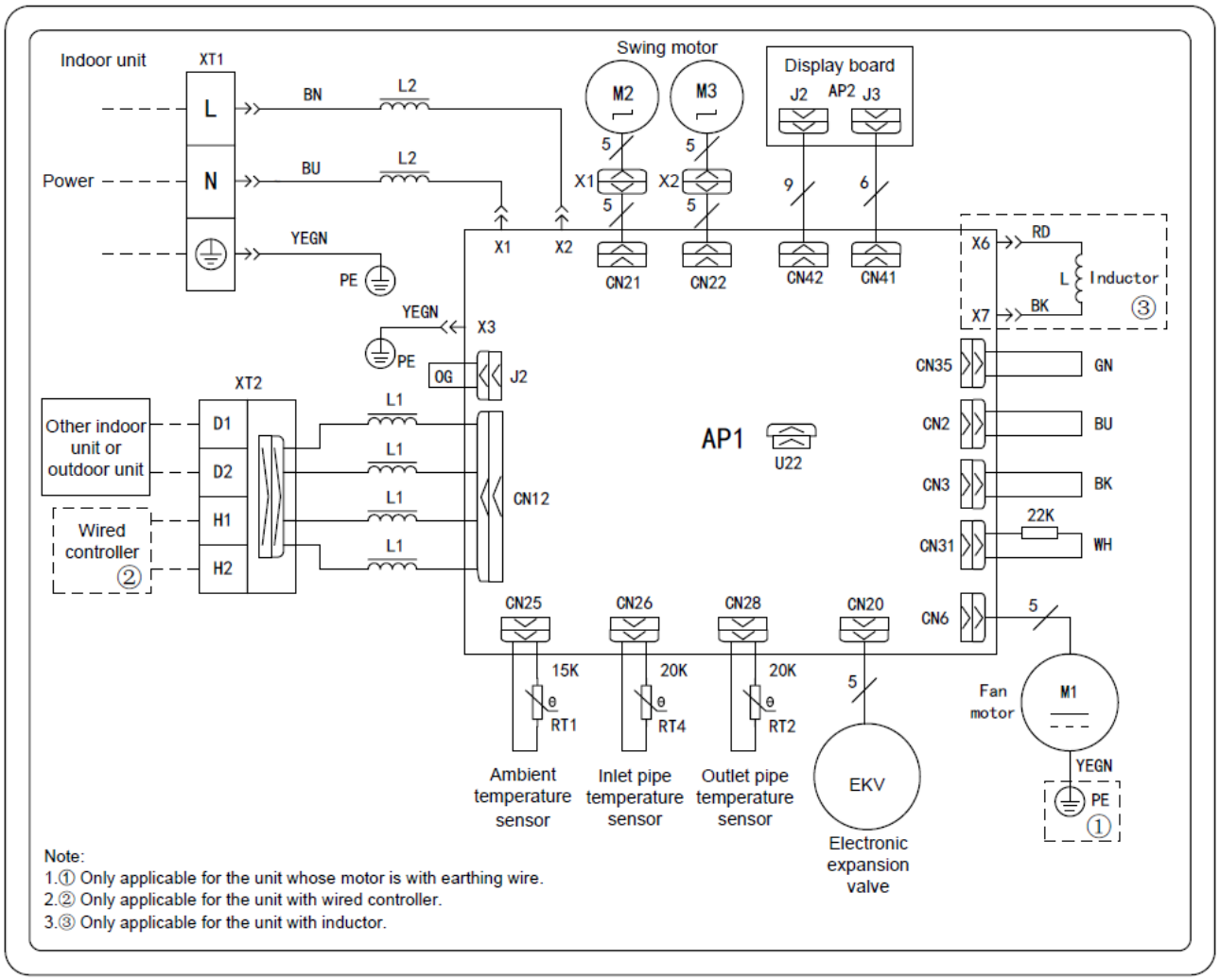


3.9 Floor Ceiling Type

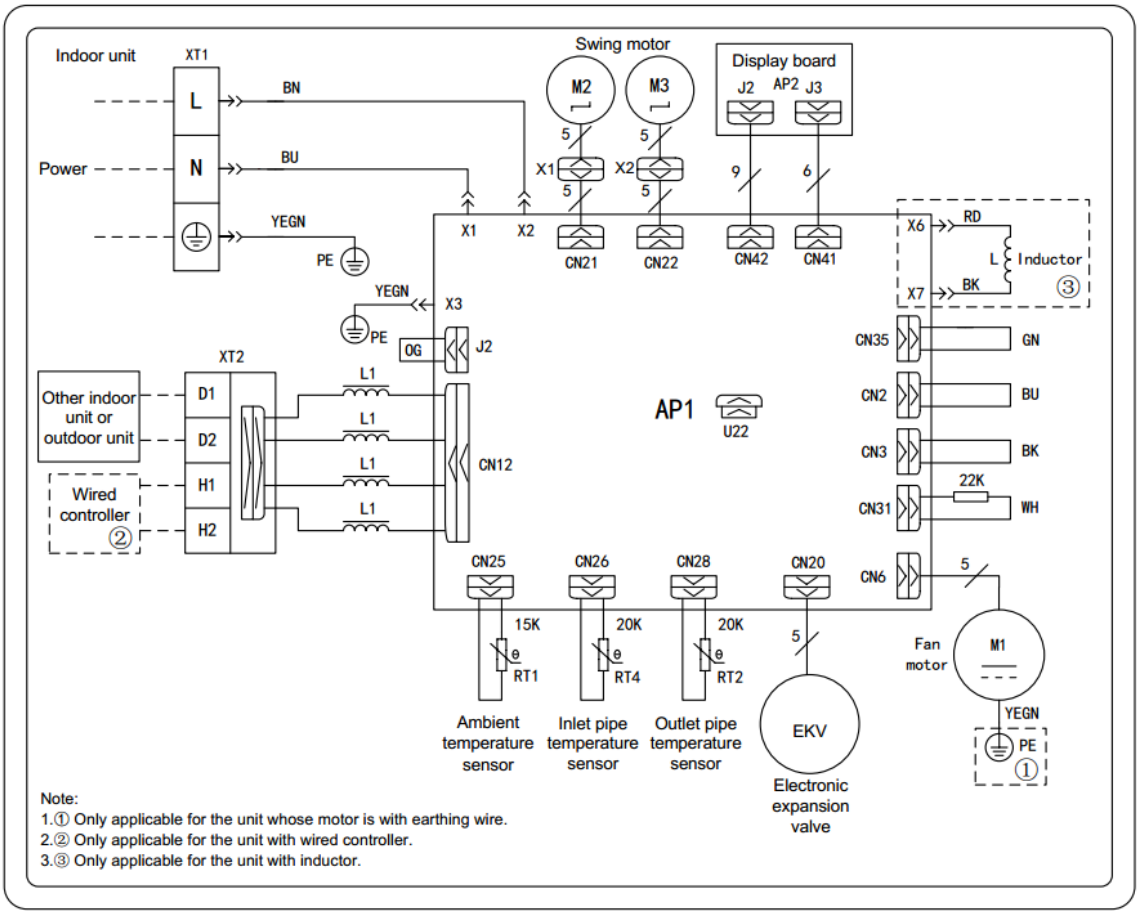
GMV-ND28ZD/A-T, GMV-ND36ZD/A-T, GMV-ND50ZD/A-T, GMV-ND56ZD/A-T, GMV-ND63ZD/A-T, GMV-ND71ZD/A-T, GMV-ND90ZD/A-T, GMV-ND112ZD/A-T, GMV-ND125ZD/A-T, GMV-ND140ZD/A-T, GMV-ND160ZD/A-T:



GMV-ND28ZD/B-T, GMV-ND36ZD/B-T, GMV-ND50ZD/B-T, GMV-ND56ZD/B-T, GMV-ND112ZD/B-T, GMV-ND125ZD/B-T, GMV-ND140ZD/B-T, GMV-ND160ZD/B-T:

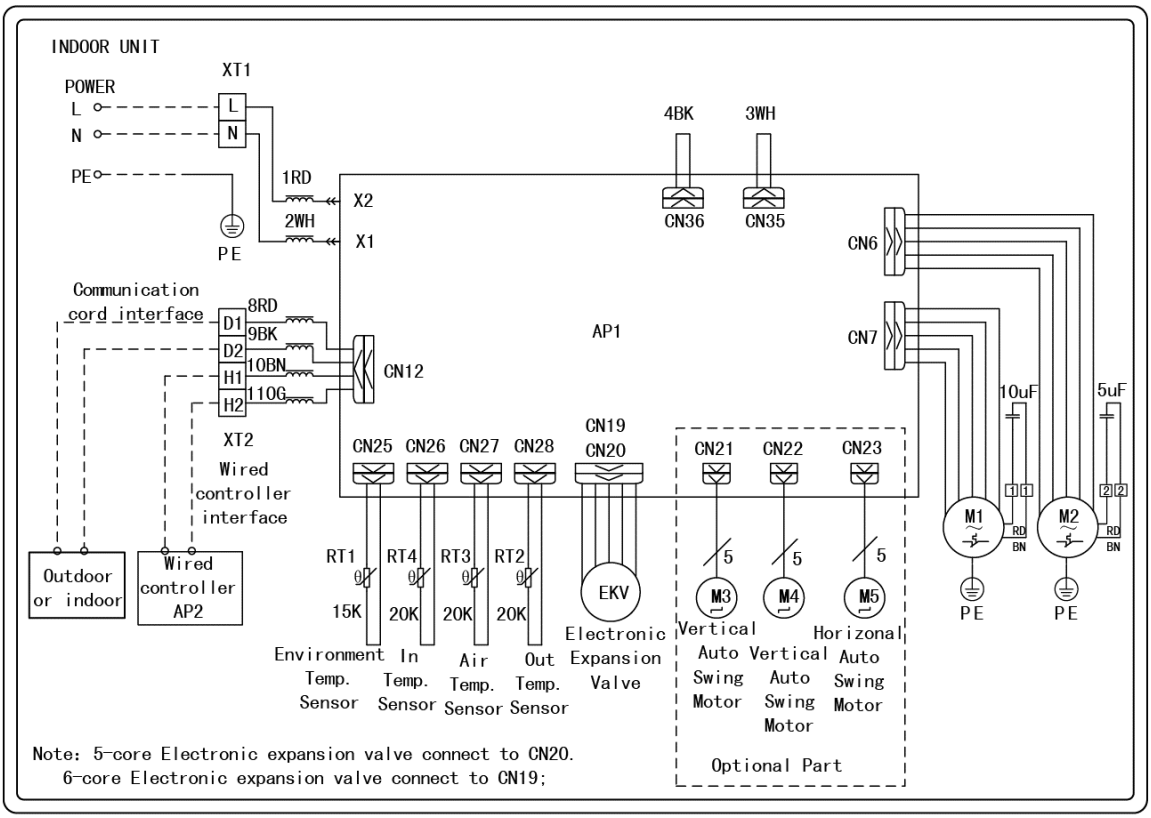


GMV-ND63ZD/B-T, GMV-ND71ZD/B-T, GMV-ND90ZD/B-T:

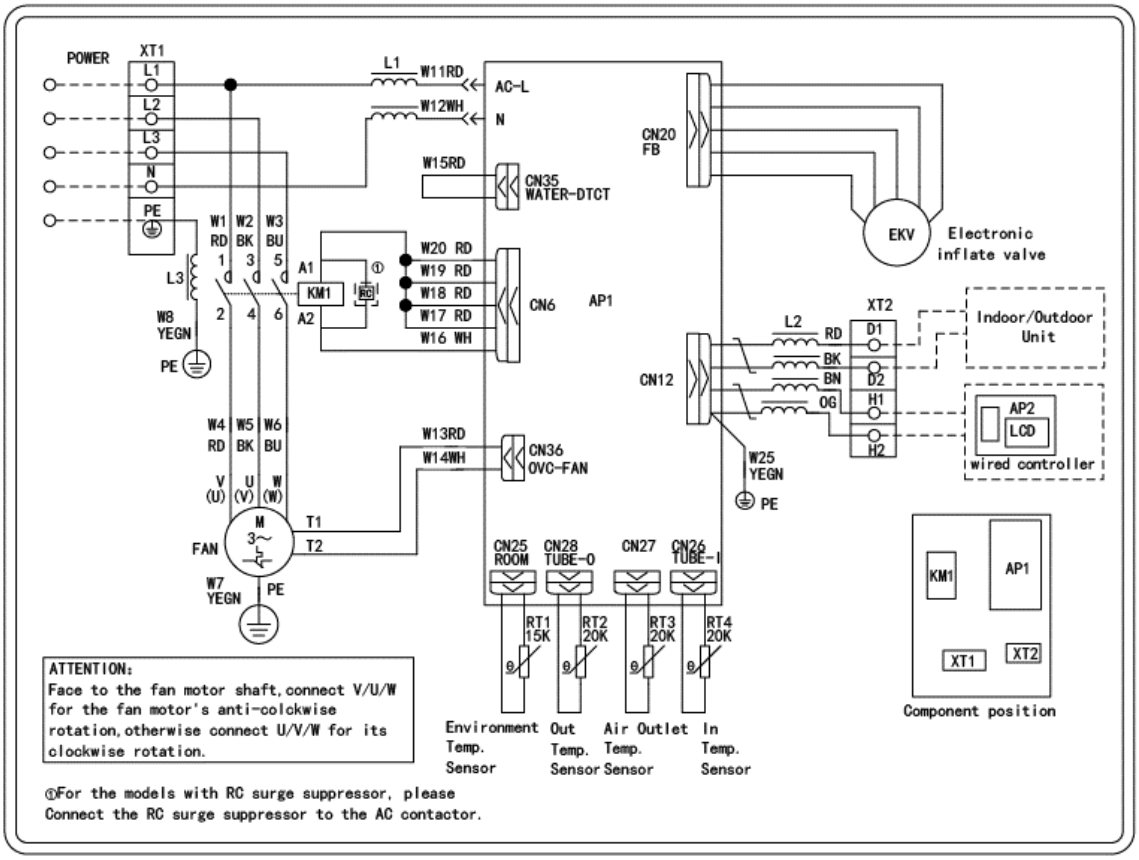


3.10 Fresh air Processing Unit

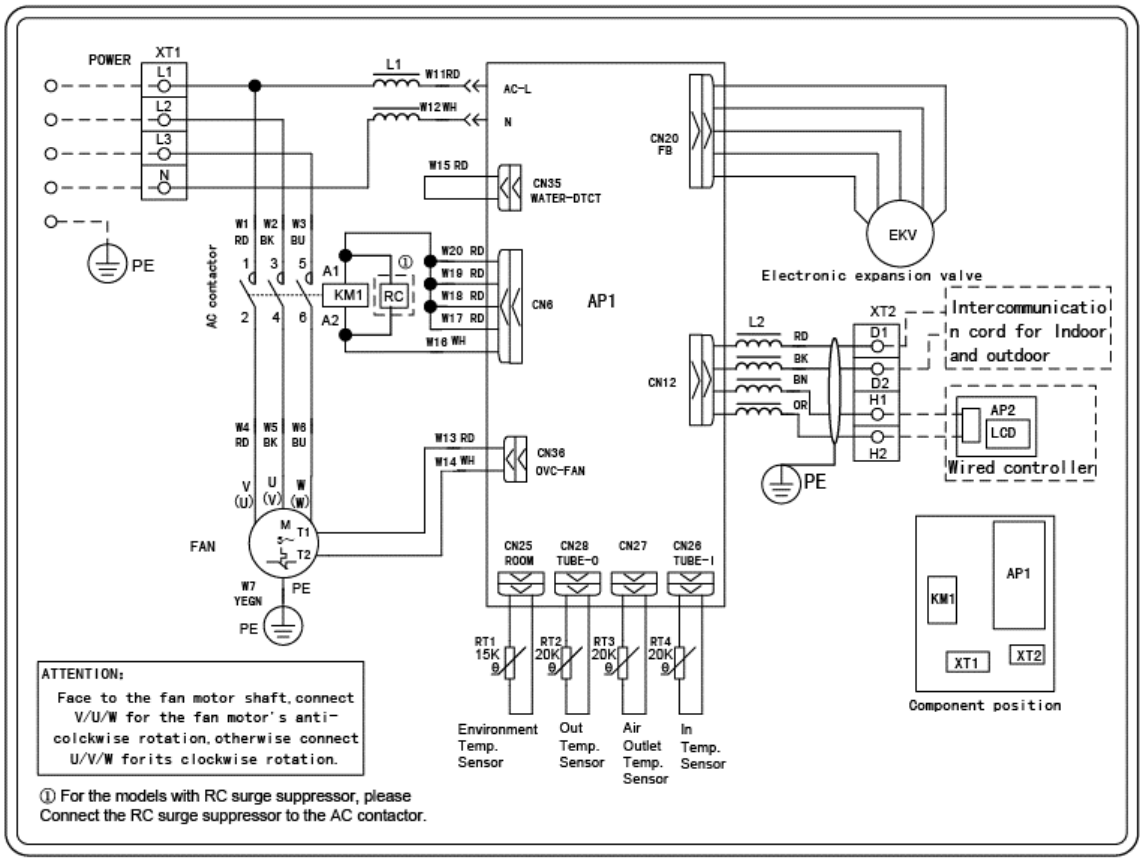
GMV-NX140P/A(X1.2)-K:



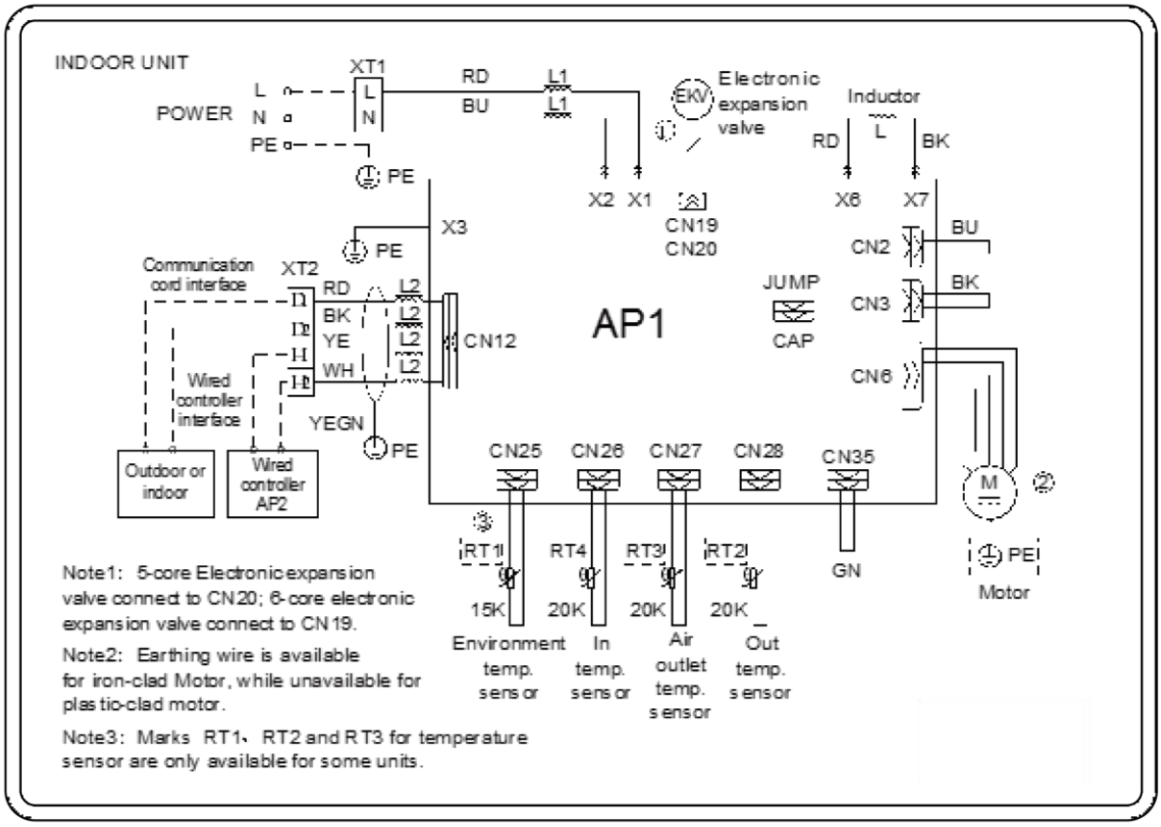
GMV-NX224P/A(X2.0)-M, GMV-NX280P/A(X2.5)-M, GMV-NX280P/A(X3.0)-M:



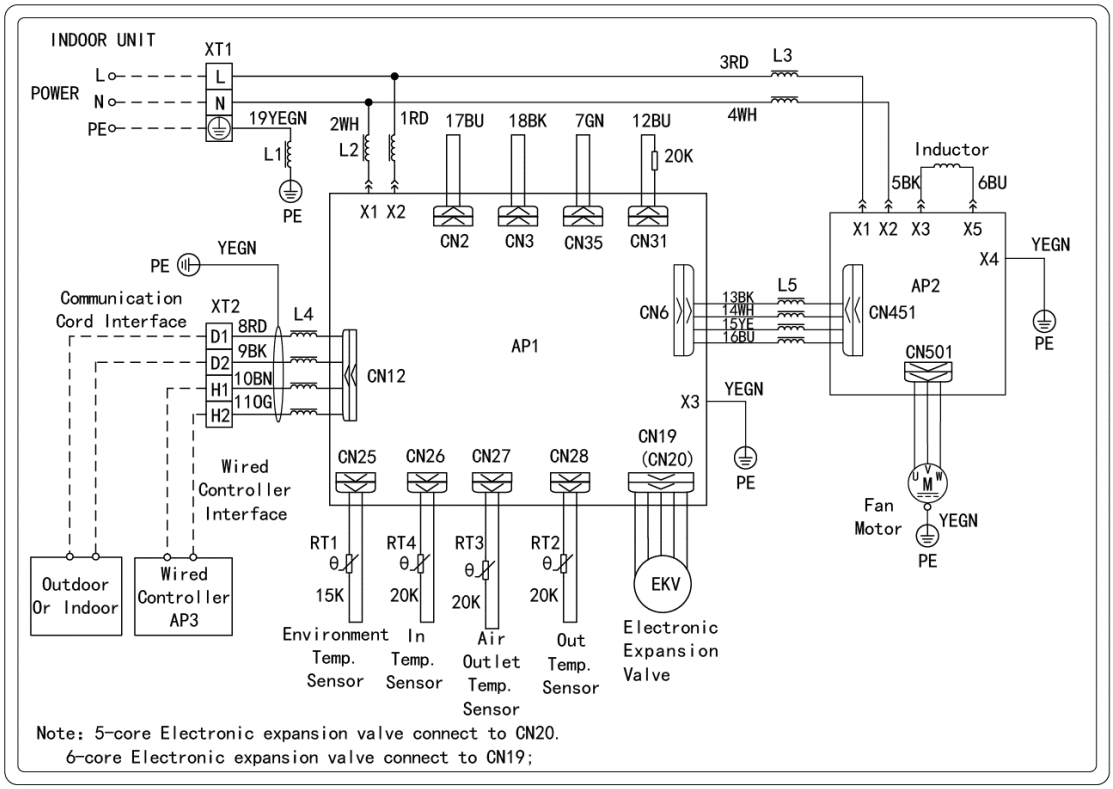
GMV-NX450P/A(X4.0)-M:



GMV-NDX125P/A-T, GMV-NDX140P/A-T:

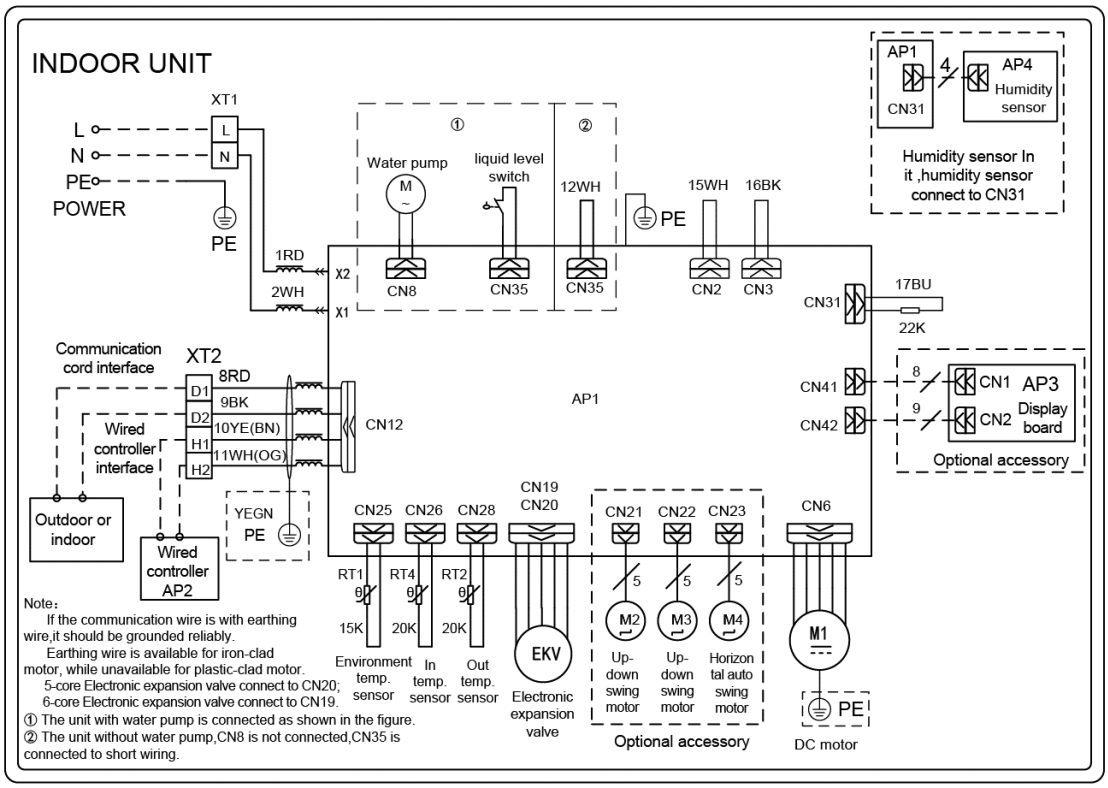


GMV-NDX224P/A-T, GMV-NDX250P/A-T, GMV-NDX280P/A-T:



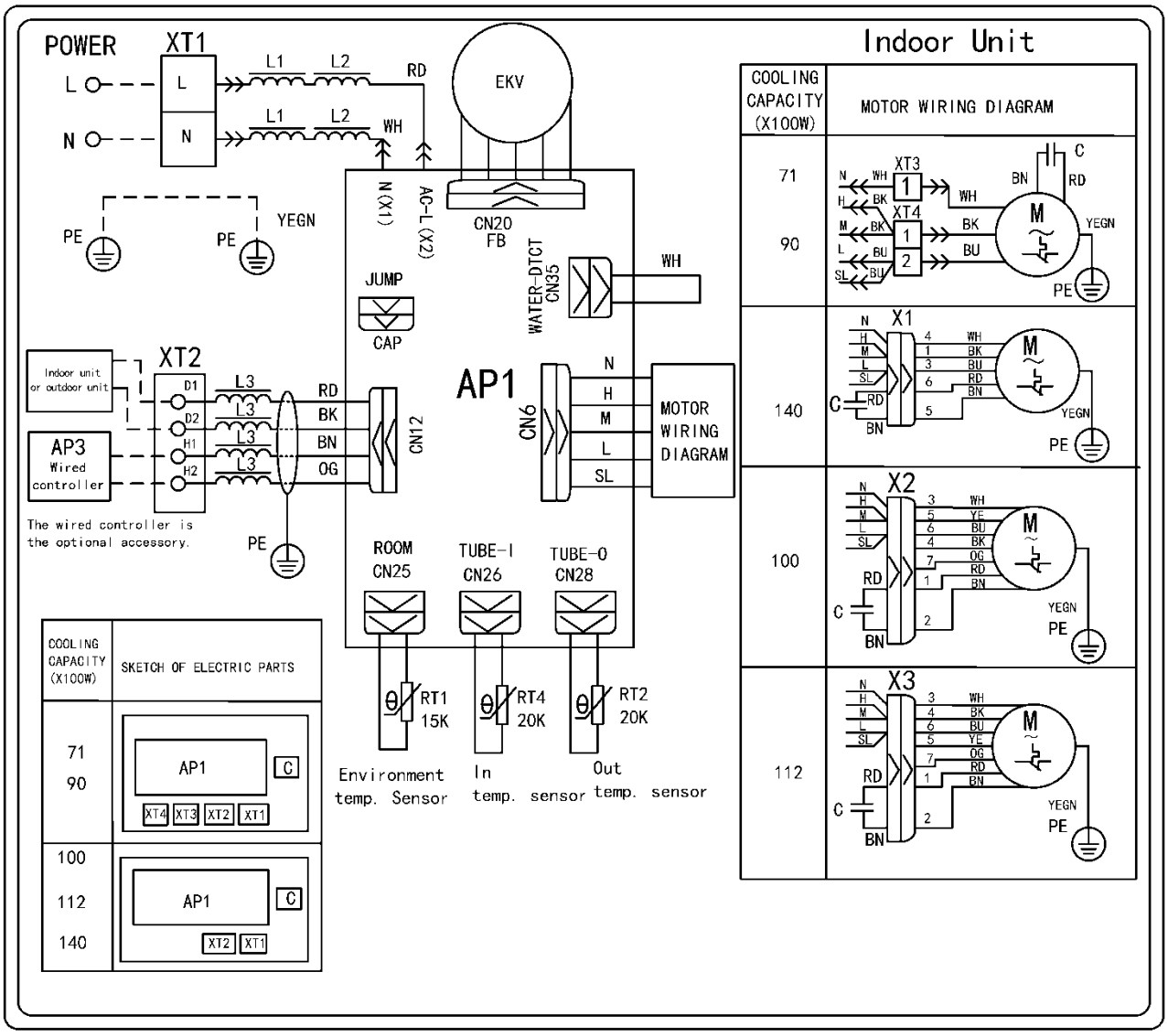
3.11 Slim Duct Type

GMV-ND22PL/B-T, GMV-ND25PL/B-T, GMV-ND28PL/B-T, GMV-ND32PL/B-T, GMV-ND36PL/B-T, GMV-ND40PL/B-T, GMV-ND45PL/B-T, GMV-ND50PL/B-T, GMV-ND56PL/B-T, GMV-ND63PL/B-T, GMV-ND72PL/B-T, GMV-ND22PLS/B1-T, GMV-ND25PLS/B1-T, GMV-ND28PLS/B1-T, GMV-ND32PLS/B1-T, GMV-ND36PLS/B1-T, GMV-ND40PLS/B1-T, GMV-ND45PLS/B1-T, GMV-ND50PLS/B1-T, GMV-ND56PLS/B1-T, GMV-ND63PLS/B1-T, GMV-ND71PLS/B1-T:



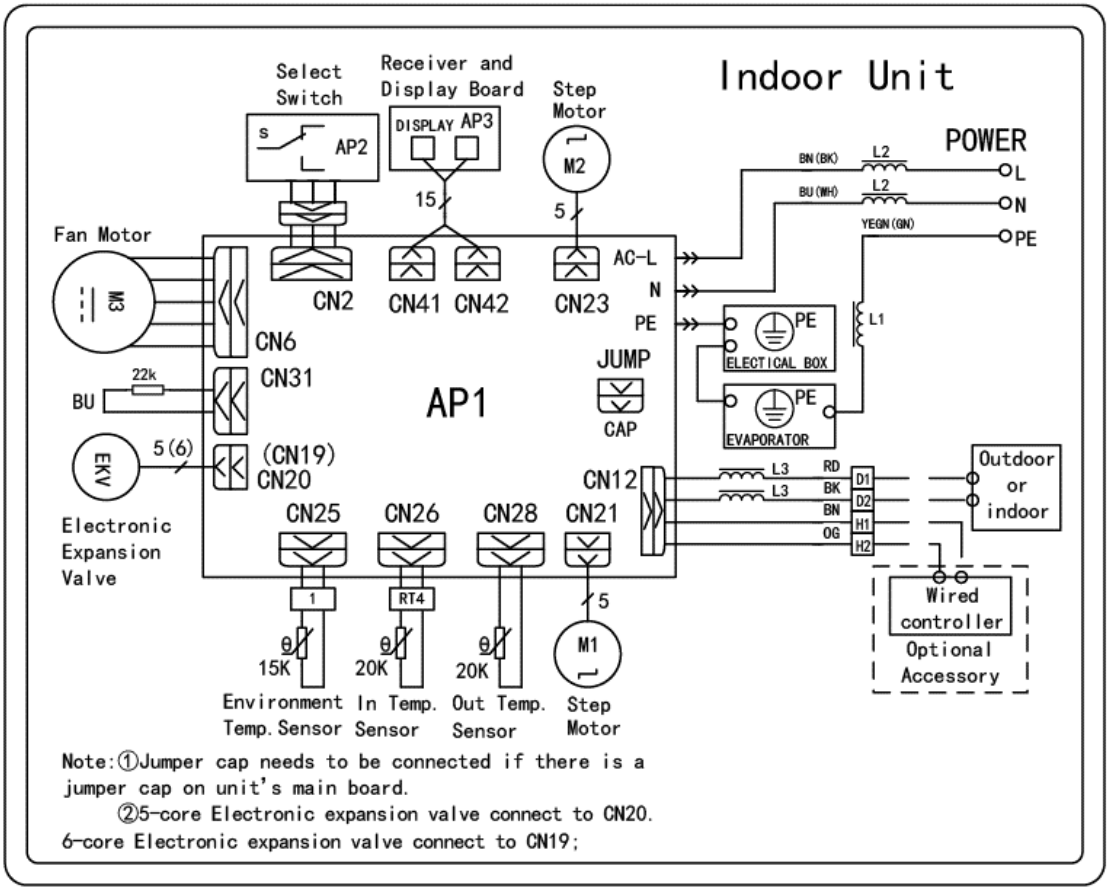
3.12 Air Handler Type Indoor Unit

GMV-NR71A/A-D, GMV-NR90A/A-D, GMV-NR100A/A-D, GMV-NR112A/A-D, GMV-NR140A/A-D:



3.13 Console Type Indoor Unit

GMV-ND22C/A-T, GMV-ND28C/A-T, GMV-ND36C/A-T, GMV-ND45C/A-T, GMV-ND50C/A-T:



3.14 Wall Mounted Type Indoor Unit

GMV-N22G/A3A-K、 GMV-N28G/A3A-K、GMV-N36G/A3A-K、GMV-N45G/A3A-K、GMV-N50G/A3A-K、GMV-N56G/A3A-K、GMV-N63G/A3A-K、GMV-N71G/A3A-K;

GMV-N22G/B3A-K、 GMV-N28G/B3A-K、GMV-N36G/B3A-K、GMV-N45G/B3A-K、GMV-N50G/B3A-K、GMV-N56G/B3A-K、GMV-N63G/B3A-K、GMV-N71G/B3A-K;

GMV-N22G/A2A-K、 GMV-N28G/A2A-K、GMV-N36G/A2A-K、GMV-N45G/A2A-K、GMV-N50G/A2A-K、GMV-N56G/A2A-K、GMV-N63G/A2A-K、GMV-N71G/A2A-K;

GMV-N22G/A4A-K、 GMV-N28G/A4A-K、GMV-N36G/A4A-K、GMV-N45G/A4A-K、GMV-N50G/A4A-K、GMV-N56G/A4A-K、GMV-N63G/A4A-K、GMV-N71G/A4A-K;

GMV-N22G/A8A-K、 GMV-N28G/A8A-K、GMV-N36G/A8A-K、GMV-N45G/A8A-K、GMV-N50G/A8A-K、GMV-N56G/A8A-K、GMV-N63G/A8A-K、GMV-N71G/A8A-K;

GMV-N22G/C9A-K、GMV-N28G/C9A-K、 GMV-N36G/C9A-K、GMV-N45G/C9A-K、GMV-N50G/C9A-K、GMV-N56G/C9A-K、GMV-N63G/C9A-K、GMV-N71G/ C9A-K;

GMV-N22G/E3A-K、GMV-N28G/E3A-K、 GMV-N36G/E3A-K、GMV-N45G/E3A-K、GMV-N50G/E3A-K、GMV-N56G/E3A-K、GMV-N63G/E3A-K、GMV-N71G/ E3A-K;

GMV-N22G/A3A-D、GMV-N28G/A3A-D、GMV-N36G/A3A-D、GMV-N45G/A3A-D、

GMV-N50G/A3A-D、GMV-N56G/A3A-D、GMV-N63G/A3A-D、GMV-N71G/A3A-D;

GMV-N22G/A2A-D、GMV-N28G/A2A-D、GMV-N36G/A2A-D、GMV-N45G/A2A-D、

GMV-N50G/A2A-D、GMV-N56G/A2A-D、GMV-N63G/A2A-D、GMV-N71G/A2A-D;

GMV-N22G/A4A-D、GMV-N28G/A4A-D、GMV-N36G/A4A-D、GMV-N45G/A4A-D、

GMV-N50G/A4A-D、GMV-N56G/A4A-D、GMV-N63G/A4A-D、GMV-N71G/A4A-D;

GMV-N22G/A8A-D、GMV-N28G/A8A-D、GMV-N36G/A8A-D、GMV-N45G/A8A-D、

GMV-N50G/A8A-D、GMV-N56G/A8A-D、GMV-N63G/A8A-D、GMV-N71G/A8A-D;

GMV-N22G/C9A-D、 GMV-N28G/C9A-D、GMV-N36G/C9A-D、GMV-N45G/C9A-D、

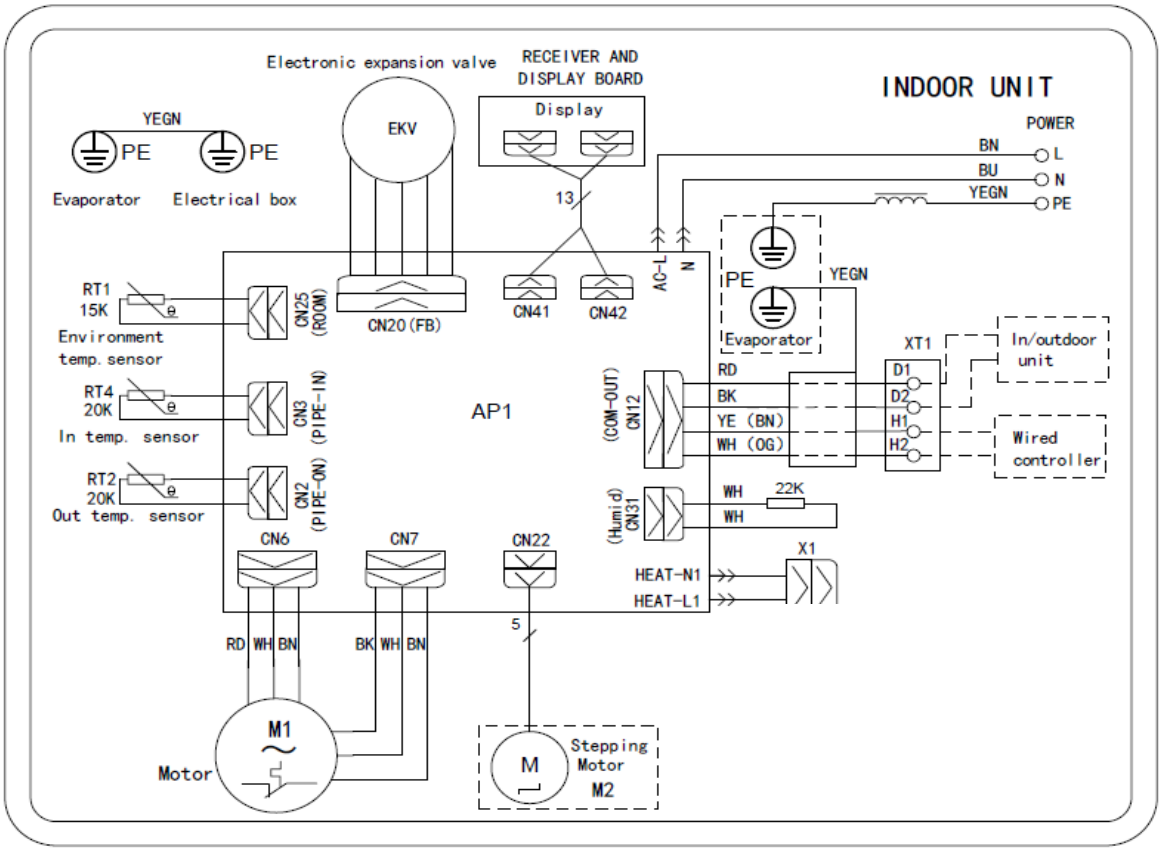
GMV-N50G/C9A-D、GMV-N56G/C9A-D、GMV-N63G/C9A-D、GMV-N71G/ C9A-D;

GMV-N22G/E3A-D、 GMV-N28G/E3A-D、 GMV-N36G/E3A-D、GMV-N45G/E3A-D、

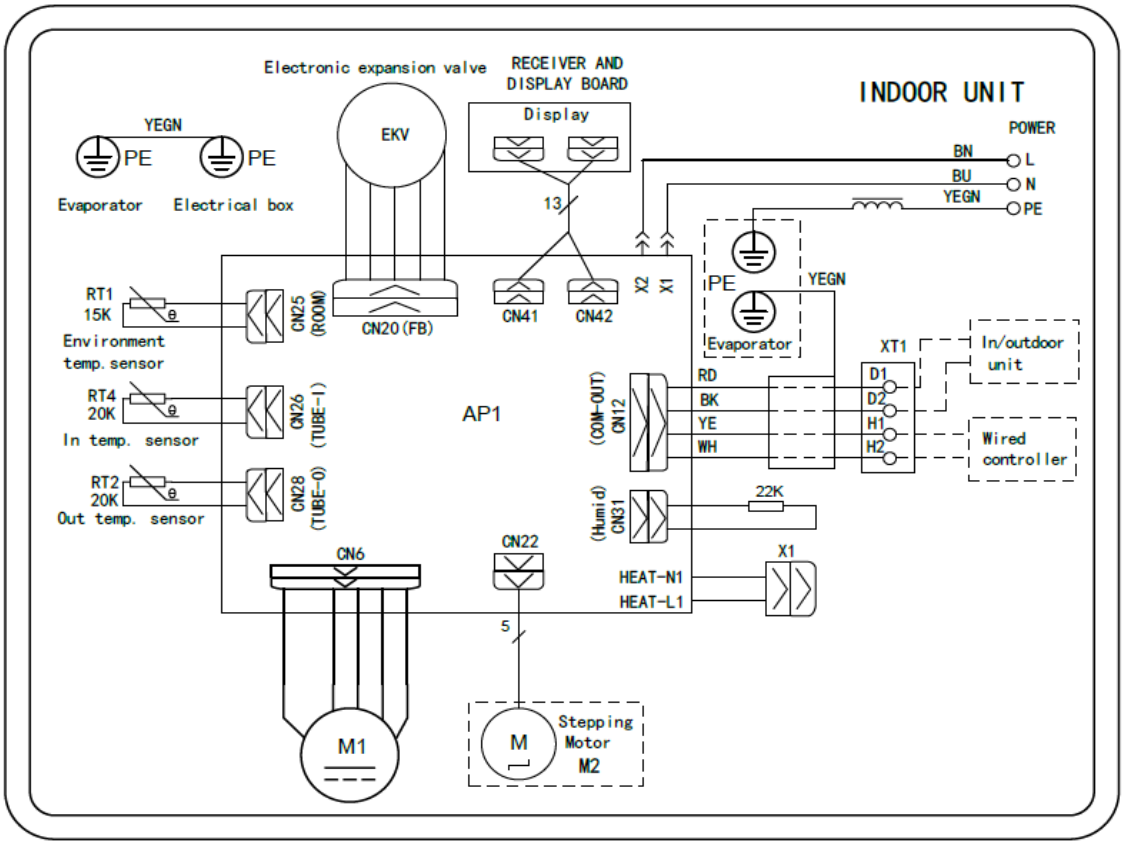
GMV-N50G/E3A-D、GMV-N56G/E3A-D、GMV-N63G/E3A-D、GMV-N71G/ E3A-D;

GMV-N22G/B3A-D、GMV-N28G/B3A-D、GMV-N36G/B3A-D、GMV-N45G/B3A-D、

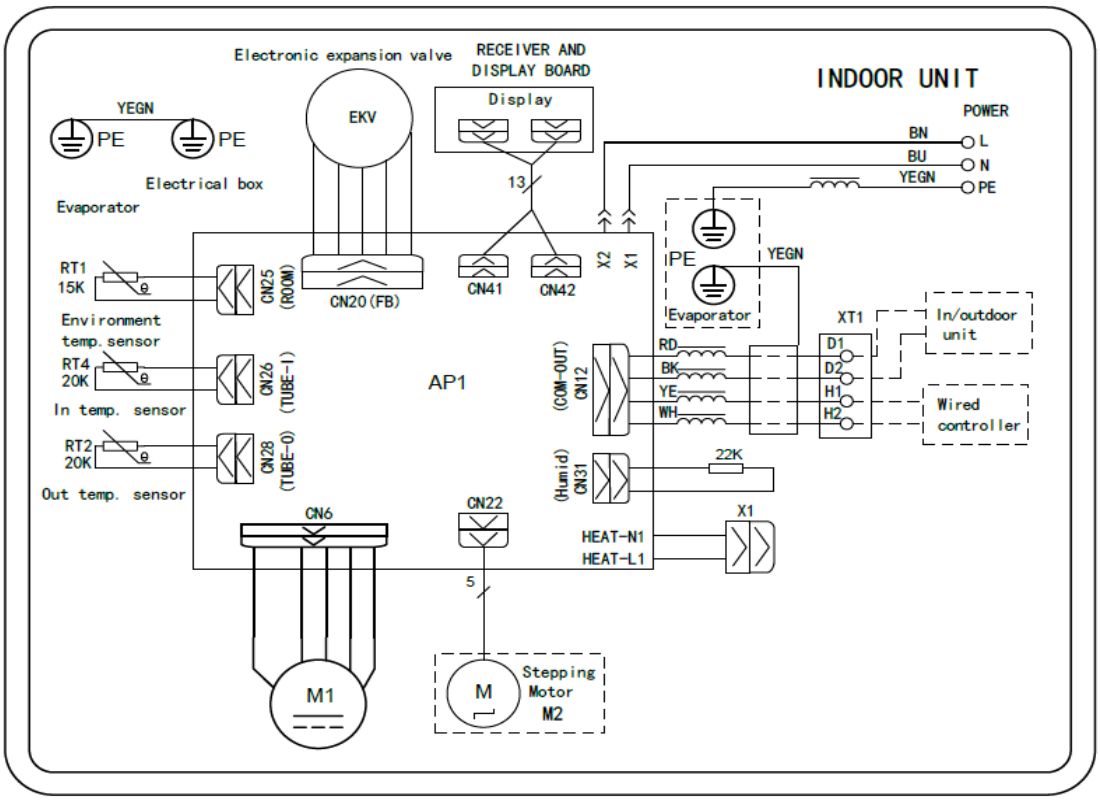
GMV-N50G/B3A-D、GMV-N56G/B3A-D、GMV-N63G/B3A-D、GMV-N71G/B3A-D;



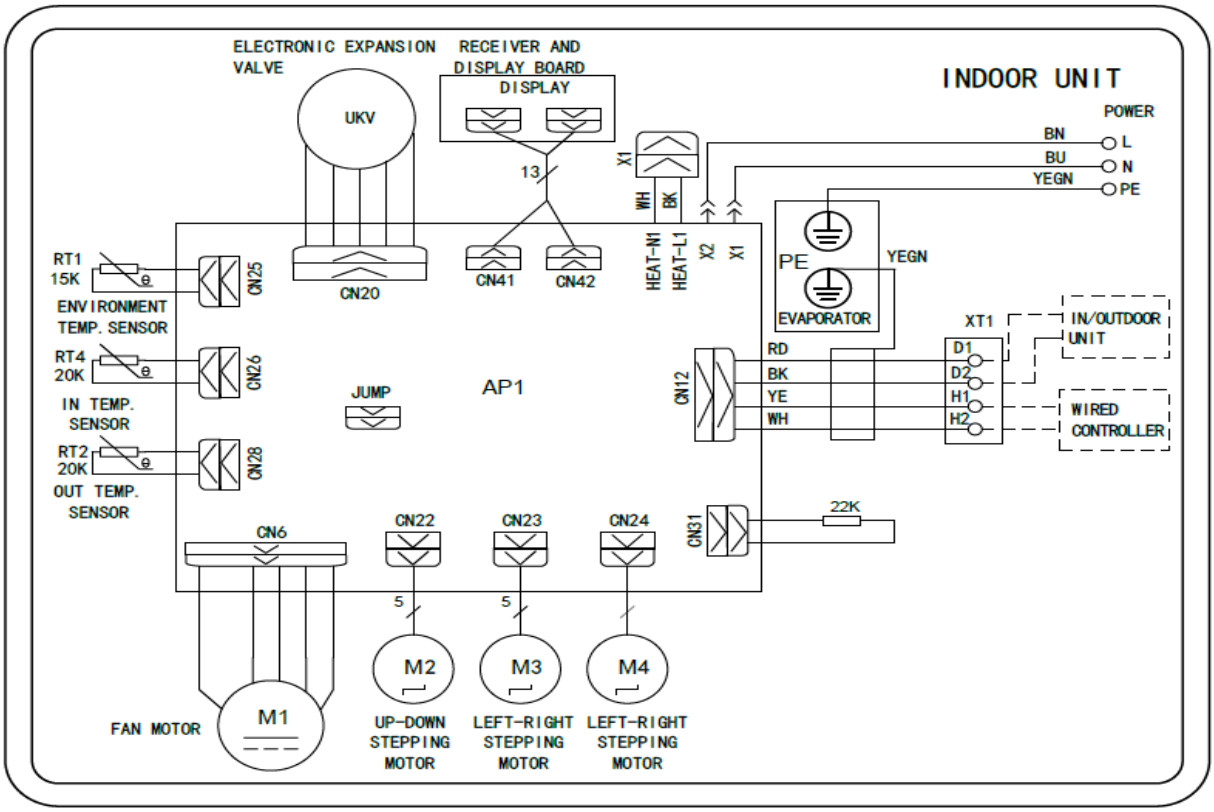
GMV-ND22G/A3A-T, GMV-ND28G/A3A-T, GMV-ND36G/A3A-T, GMV-ND22G/A8A-T, GMV-ND28G/A8A-T, GMV-ND36G/A8A-T



GMV-ND45G/A3A-T, GMV-ND50G/A3A-T, GMV-ND56G/A3A-T, GMV-ND63G/A3A-T, GMV-ND71G/A3A-T, GMV-ND45G/A8A-T, GMV-ND50G/A8A-T, GMV-ND56G/A8A-T, GMV-ND63G/A8A-T, GMV-ND71G/A8A-T



GMV-ND80G/A3A-T, GMV-ND90G/A3A-T, GMV-ND100G/A3A-T, GMV-ND80G/A8A-T, GMV-ND90G/A8A-T, GMV-ND100G/A8A-T, GMV-ND80G/B4B-T, GMV-ND90G/B4B-T, GMV-ND100G/B4B-T



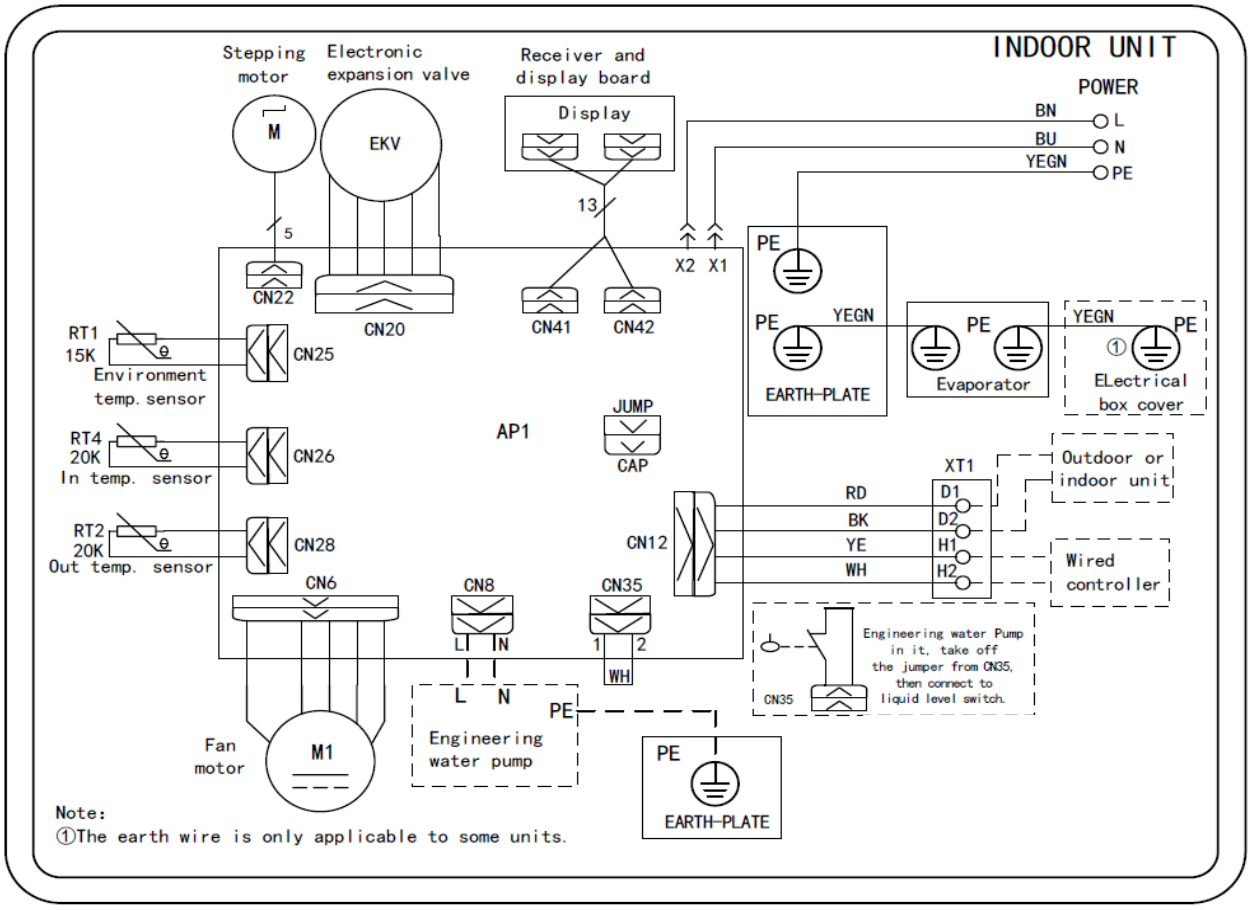
GMV-ND15G/B6B-T、GMV-ND18G/B6B-T、GMV-ND22G/B6B-T、GMV-ND28G/B6B-T、GMV-ND36G/B6B-T、GMV-ND45G/B6B-T、GMV-ND50G/B6B-T、GMV-ND56G/B6B-T、GMV-ND63G/B6B-T、GMV-ND71G/B6B-T

GMV-ND15G/B4B-T、GMV-ND18G/B4B-T、GMV-ND22G/B4B-T、GMV-ND28G/B4B-T、GMV-ND36G/B4B-T、GMV-ND45G/B4B-T、GMV-ND50G/B4B-T、GMV-ND56G/B4B-T、GMV-ND63G/B4B-T、GMV-ND71G/B4B-T

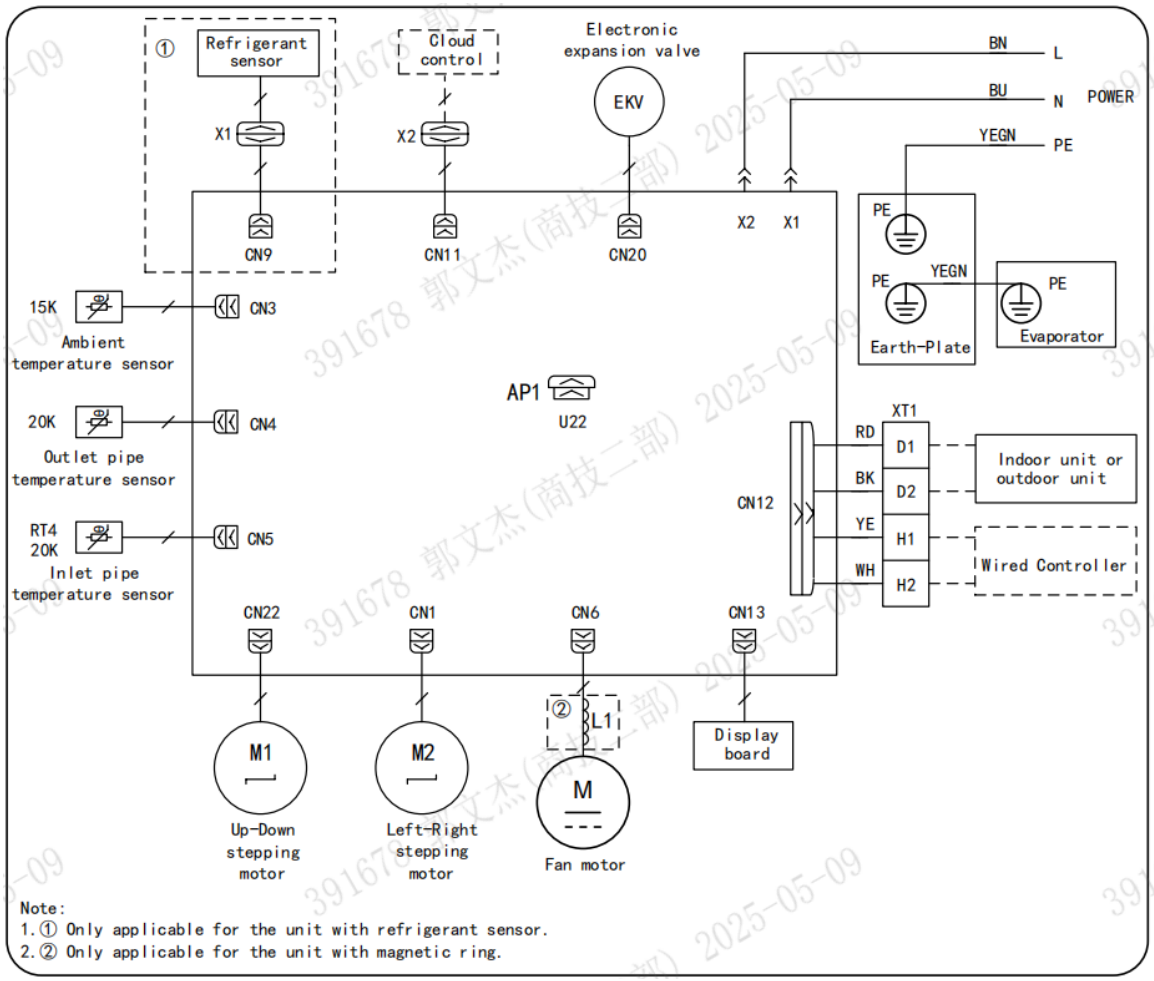
GMV-ND22G/C4B-T、GMV-ND28G/C4B-T、GMV-ND36G/C4B-T、GMV-ND45G/C4B-T、GMV-ND50G/C4B-T、GMV-ND56G/C4B-T、GMV-ND63G/C4B-T、GMV-ND71G/C4B-T

GMV-ND22G/C2B-T、GMV-ND28G/C2B-T、GMV-ND36G/C2B-T、GMV-ND45G/C2B-T、GMV-ND50G/C2B-T、GMV-ND56G/C2B-T、GMV-ND63G/C2B-T、GMV-ND71G/C2B-T

GMV-ND22G/D2B-T、GMV-ND28G/D2B-T、GMV-ND36G/D2B-T、GMV-ND45G/D2B-T、GMV-ND50G/D2B-T、GMV-ND56G/D2B-T、GMV-ND63G/D2B-T、GMV-ND71G/D2B-T



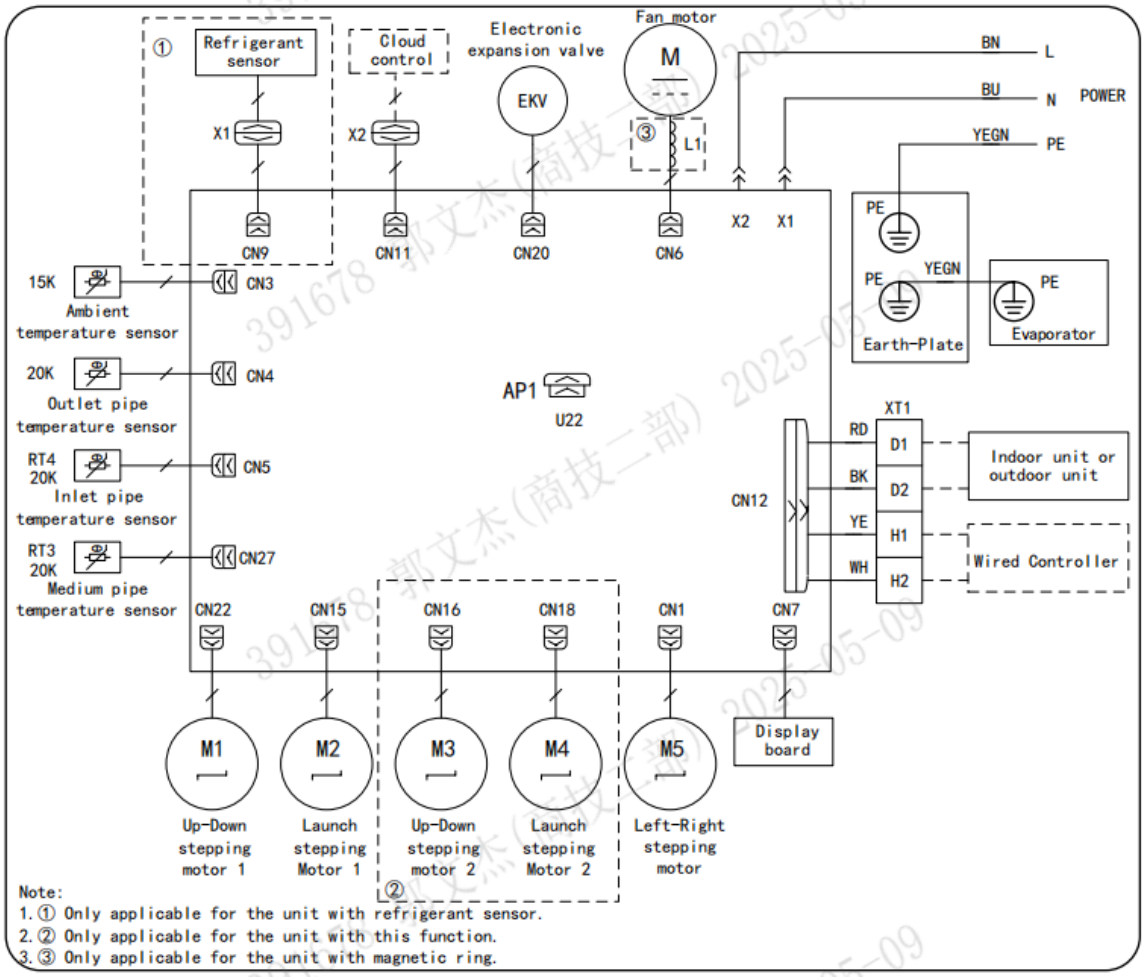
GMV-ND15G/A1C-T、GMV-ND18G/A1C-T、GMV-ND22G/A1C-T、GMV-ND28G/A1C-T
GMV-ND36G/A1C-T、GMV-ND45G/A1C-T、GMV-ND50G/A1C-T、GMV-ND56G/A1C-T
GMV-ND63G/A1C-T、GMV-ND71G/A1C-T、GMV-ND80G/A1C-T、GMV-ND90G/A1C-T、
GMV-ND100G/A1C-T
GMV-ND15G/A2C-T、GMV-ND18G/A2C-T、GMV-ND22G/A2C-T、GMV-ND28G/A2C-T
GMV-ND36G/A2C-T、GMV-ND45G/A2C-T、GMV-ND50G/A2C-T、GMV-ND56G/A2C-T
GMV-ND63G/A2C-T、GMV-ND71G/A2C-T
GMV-ND15G/A5C-T、GMV-ND18G/A5C-T、GMV-ND22G/A5C-T、GMV-ND28G/A5C-T
GMV-ND36G/A5C-T、GMV-ND45G/A5C-T、GMV-ND50G/A5C-T、GMV-ND56G/A5C-T
GMV-ND63G/A5C-T、GMV-ND71G/A5C-T



GMV-ND15G/C1-T、GMV-ND18G/C1-T、GMV-ND22G/C1-T、GMV-ND28G/C1-T

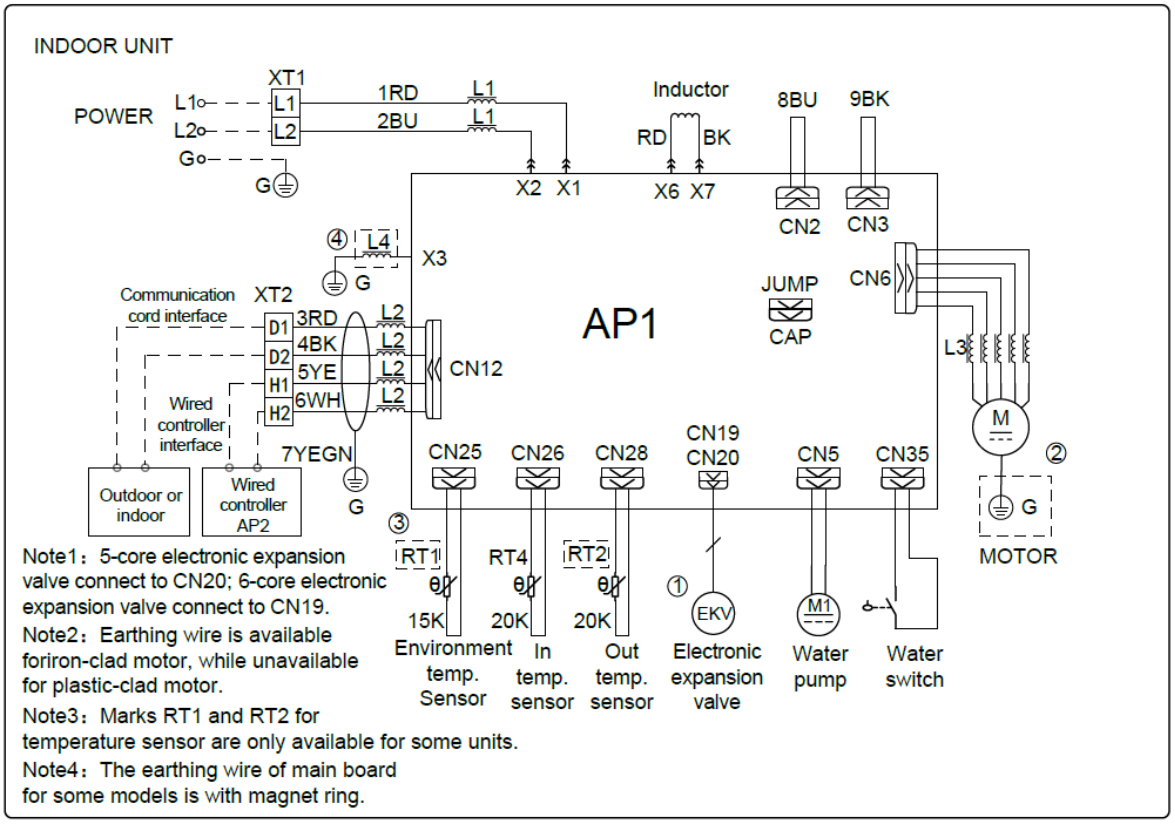
GMV-ND36G/C1-T、GMV-ND45G/C1-T、GMV-ND50G/C1-T、GMV-ND56G/C1-T

GMV-ND63G/C1-T、GMV-ND71G/C1-T



3.15 Super High Static Pressure Duct Type Indoor Unit

GMV-ND22PHS/B-T, GMV-ND25PHS/B-T, GMV-ND28PHS/B-T, GMV-ND32PHS/B-T, GMV-ND36PHS/B-T, GMV-ND40PHS/B-T, GMV-ND45PHS/B-T, GMV-ND50PHS/B-T, GMV-ND56PHS/B-T, GMV-ND63PHS/B-T, GMV-ND71PHS/B-T, GMV-ND80PHS/B-T:



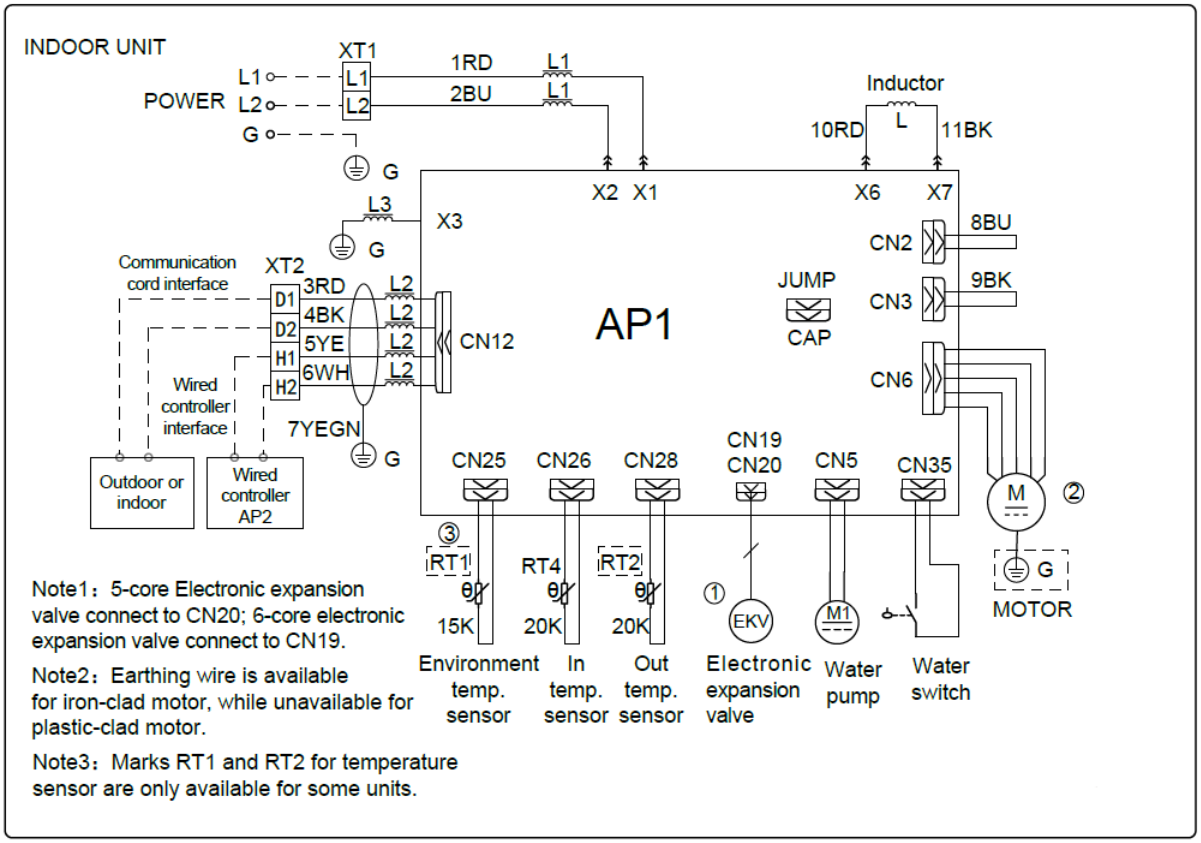
Note1：5-core electronic expansion valve connect to CN20; 6-core electronic expansion valve connect to CN19.

Note2：Earthing wire is available foriron-clad motor, while unavailable for plastic-clad motor.

Note3：Marks RT1 and RT2 for temperature sensor are only available for some units.

Note4：The earthing wire of main board for some models is with magnet ring.

GMV-ND90PHS/B-T, GMV-ND100PHS/B-T, GMV-ND112PHS/B-T, GMV-ND125PHS/B-T:

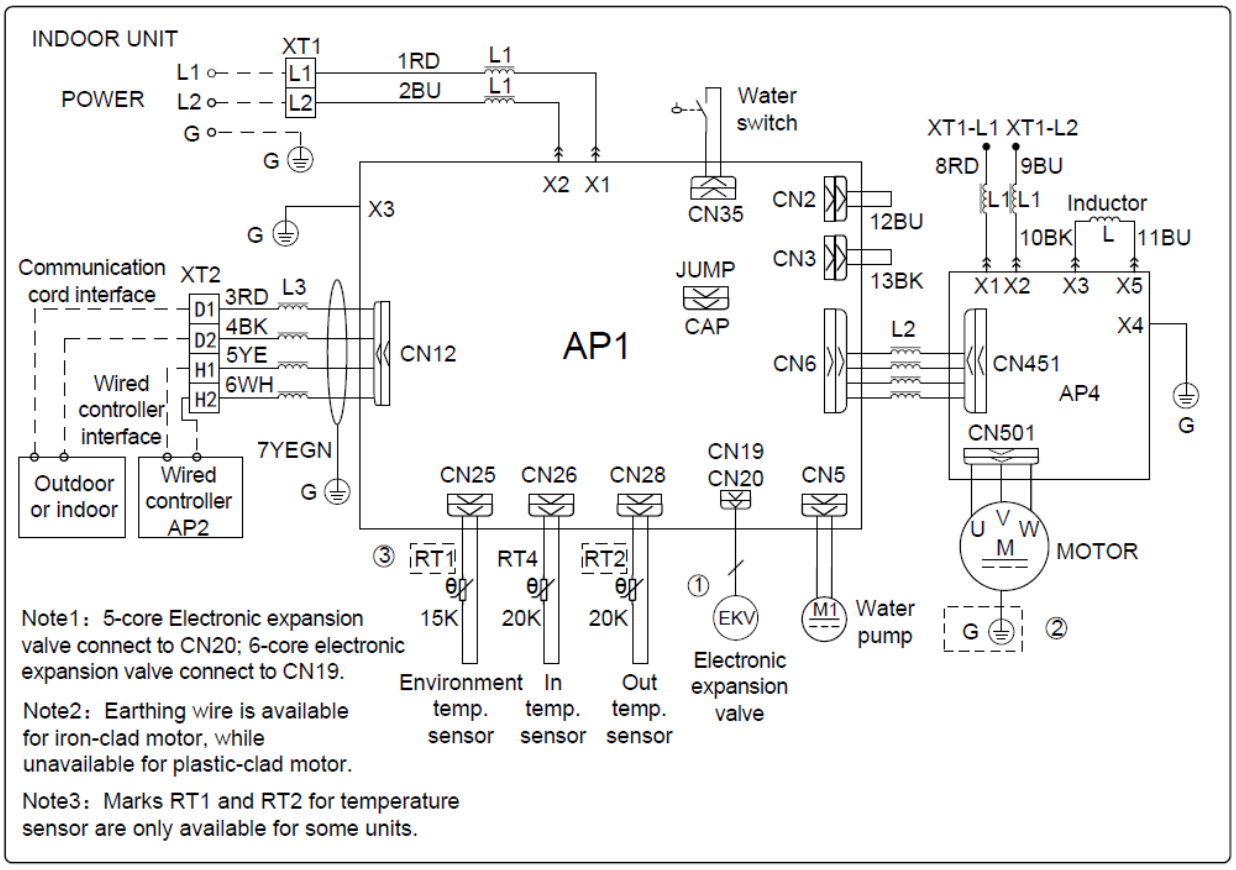


Note1：5-core Electronic expansion valve connect to CN20; 6-core electronic expansion valve connect to CN19.

Note2：Earthing wire is available for iron-clad motor, while unavailable for plastic-clad motor.

Note3：Marks RT1 and RT2 for temperature sensor are only available for some units.

GMV-ND140PHS/B-T, GMV-ND160PHS/B-T:

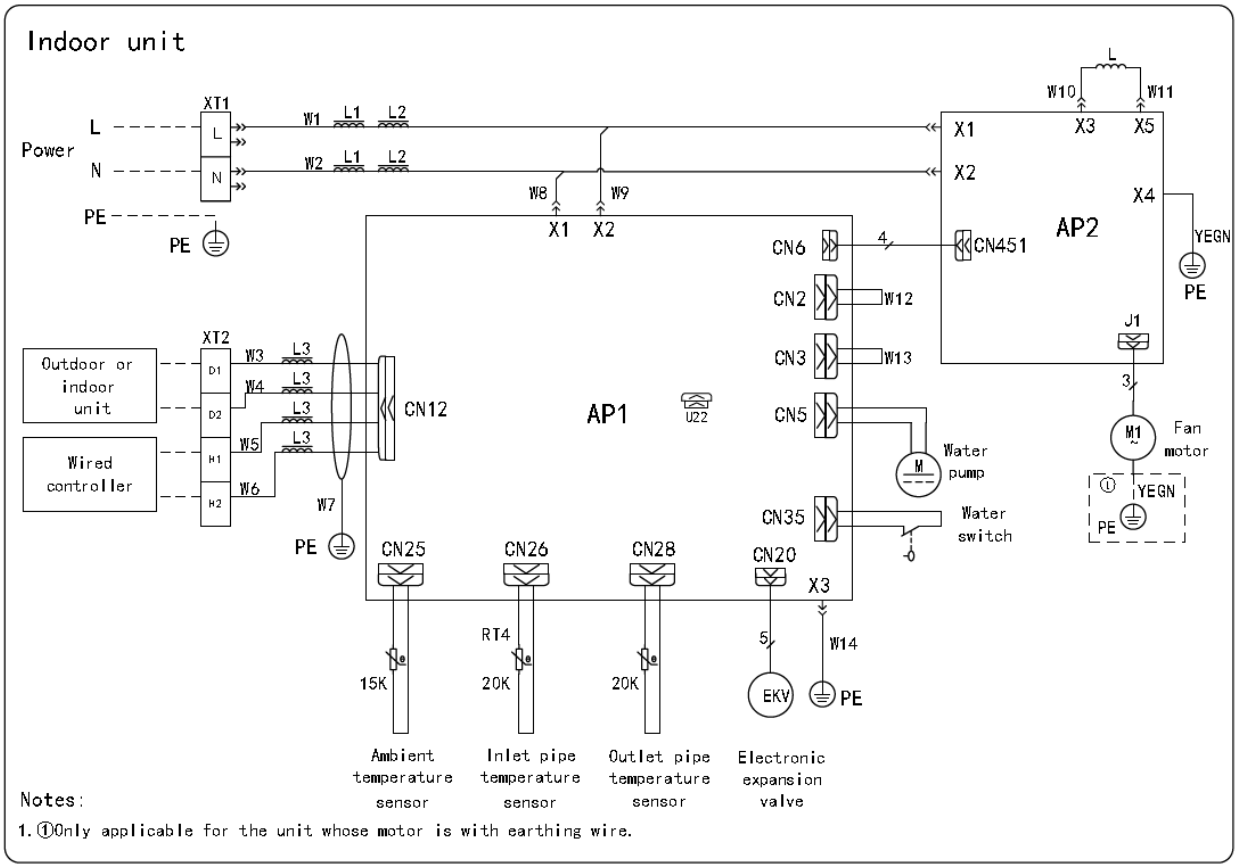


Note1：5-core Electronic expansion valve connect to CN20; 6-core electronic expansion valve connect to CN19.

Note2：Earthing wire is available for iron-clad motor, while unavailable for plastic-clad motor.

Note3：Marks RT1 and RT2 for temperature sensor are only available for some units.

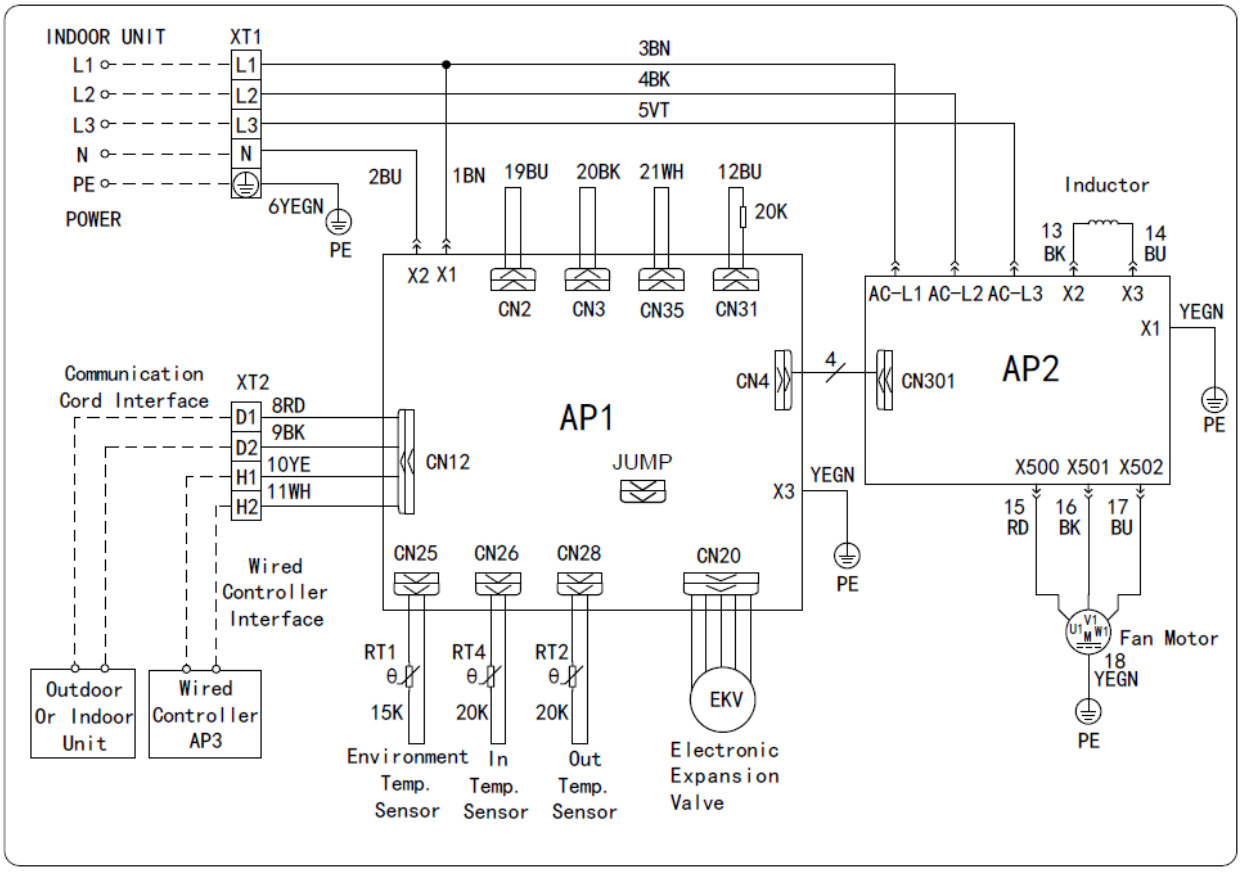
GMV-ND180PHS/B-T:



Notes:

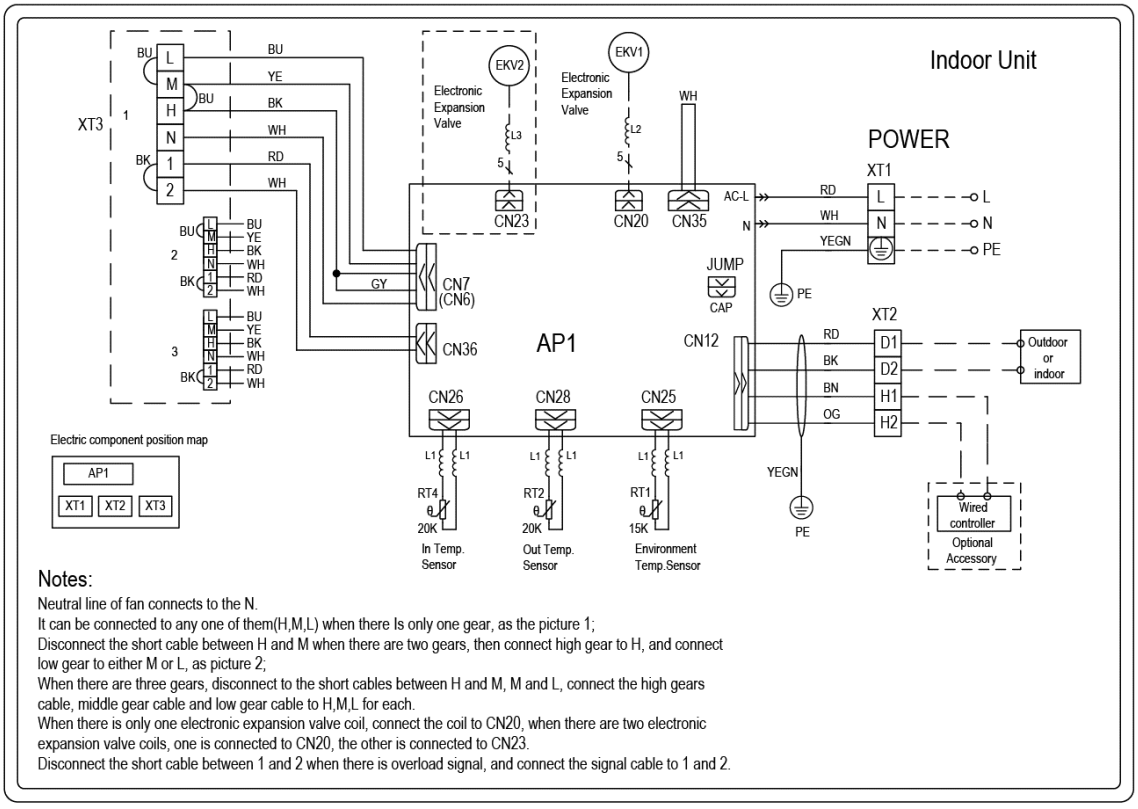
1. ①Only applicable for the unit whose motor is with earthing wire.

GMV-ND400PH/AR-X、GMV-ND450PH/AR-X、GMV-N560PH/AR-M

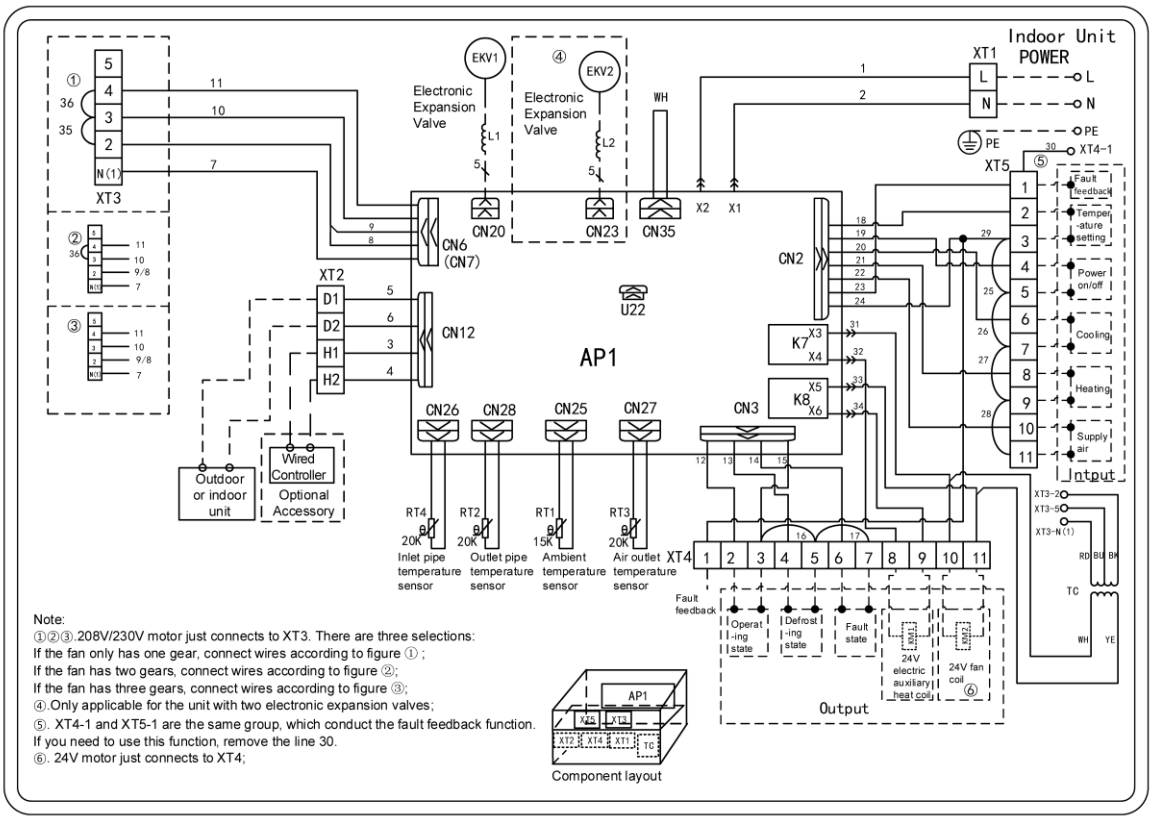


3.16 AHU-KIT Type

GMV-N36U/A-T, GMV-N71U/A-T, GMV-N140U/A-T, GMV-N280U/A-T, GMV-N560U/A-T:

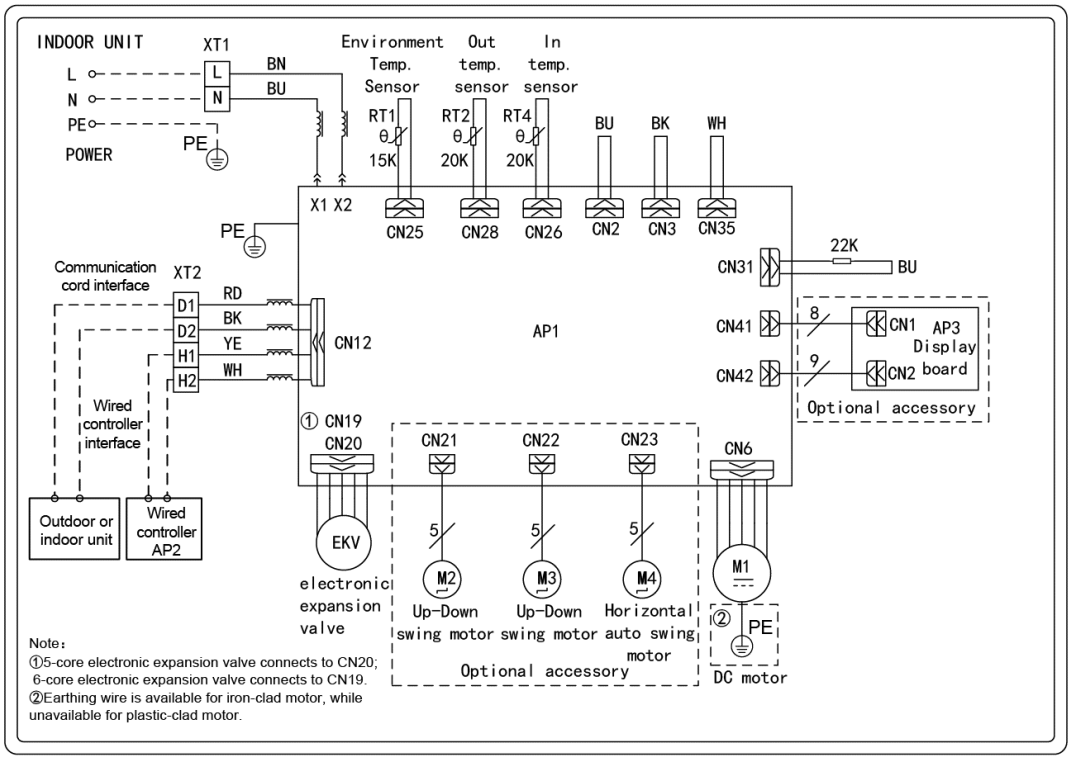


GMV-N36U/B-T, GMV-N71U/B-T, GMV-N140U/B-T, GMV-N280U/B-T, GMV-N560U/B-T, GMV-N36U/C-T, GMV-N71U/C-T, GMV-N140U/C-T, GMV-N280U/C-T, GMV-N560U/C-T, GMV-N36U/D-T, GMV-N71U/D-T, GMV-N180U/D-T, GMV-N450U/D-T, GMV-N840U/D-T:



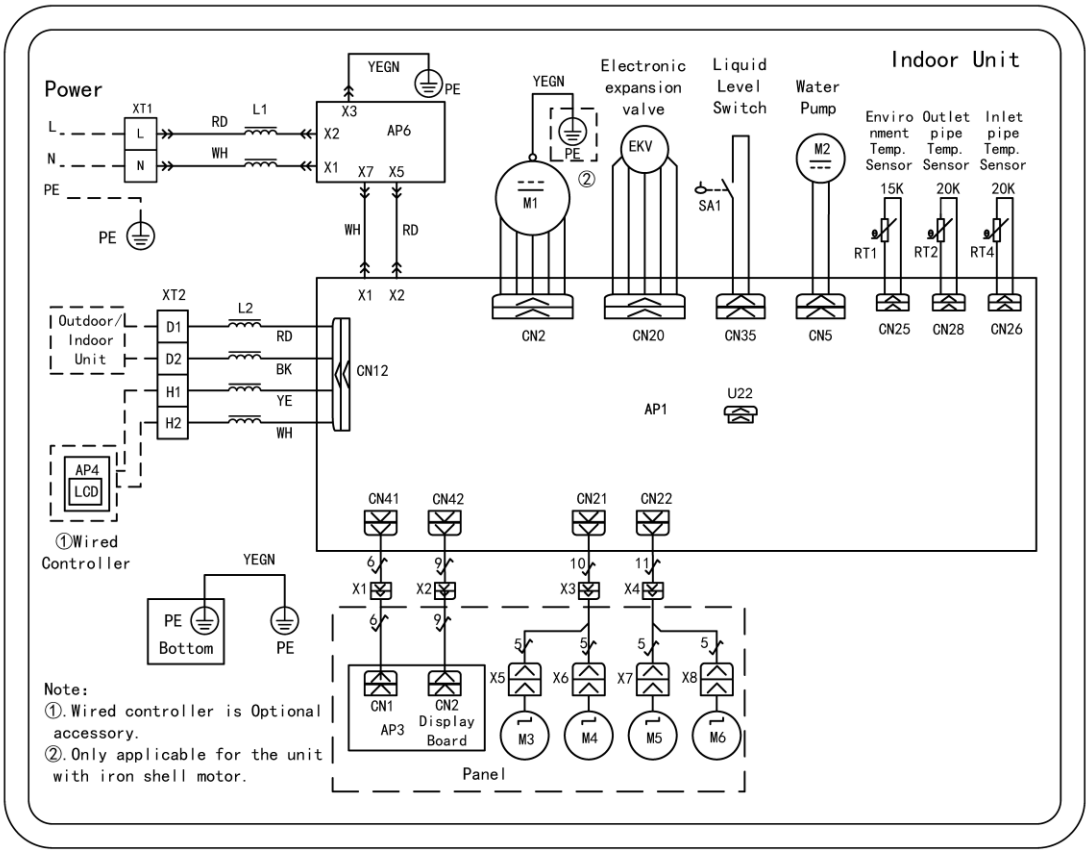
3.17 Concealed Floor Standing Type

GMV-ND22ZA/A-T, GMV-ND28ZA/A-T, GMV-ND36ZA/A-T, GMV-ND45ZA/A-T, GMV-ND56ZA/A-T, GMV-ND63ZA/A-T, GMV-ND71ZA/A-T:

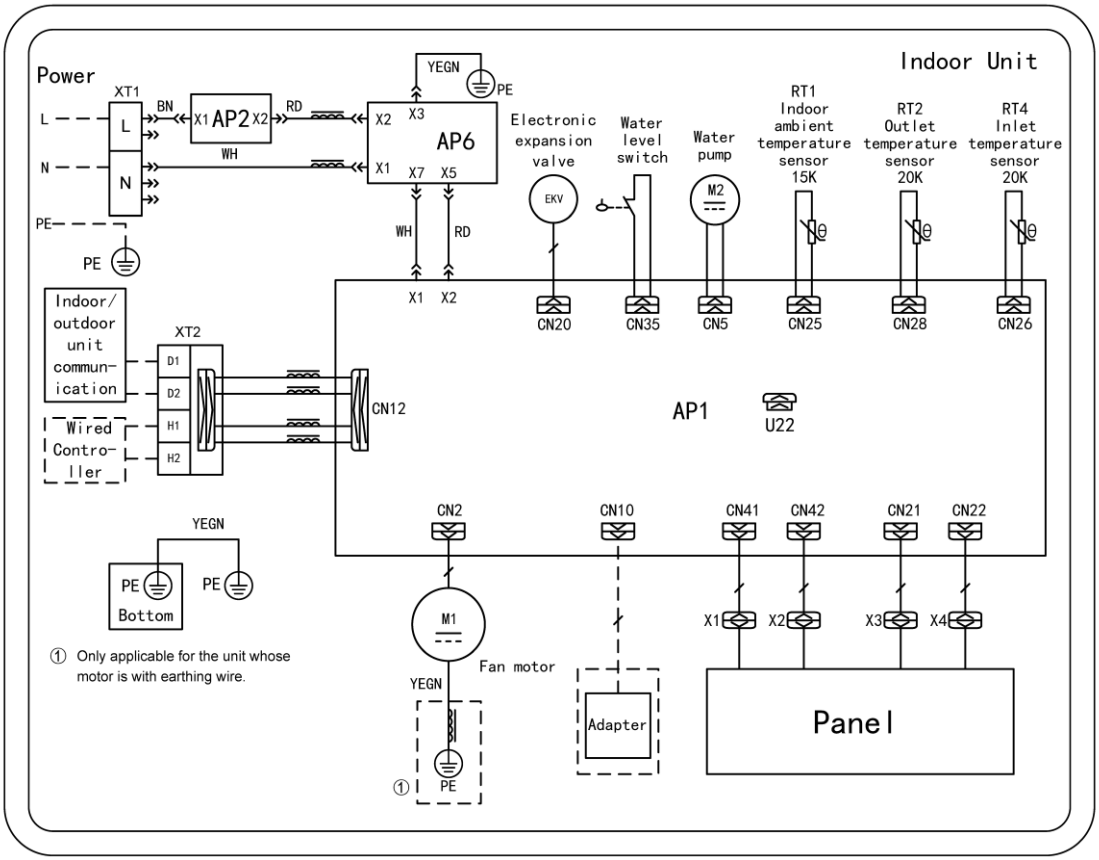


3.18 360°Air Discharge Cassette Type

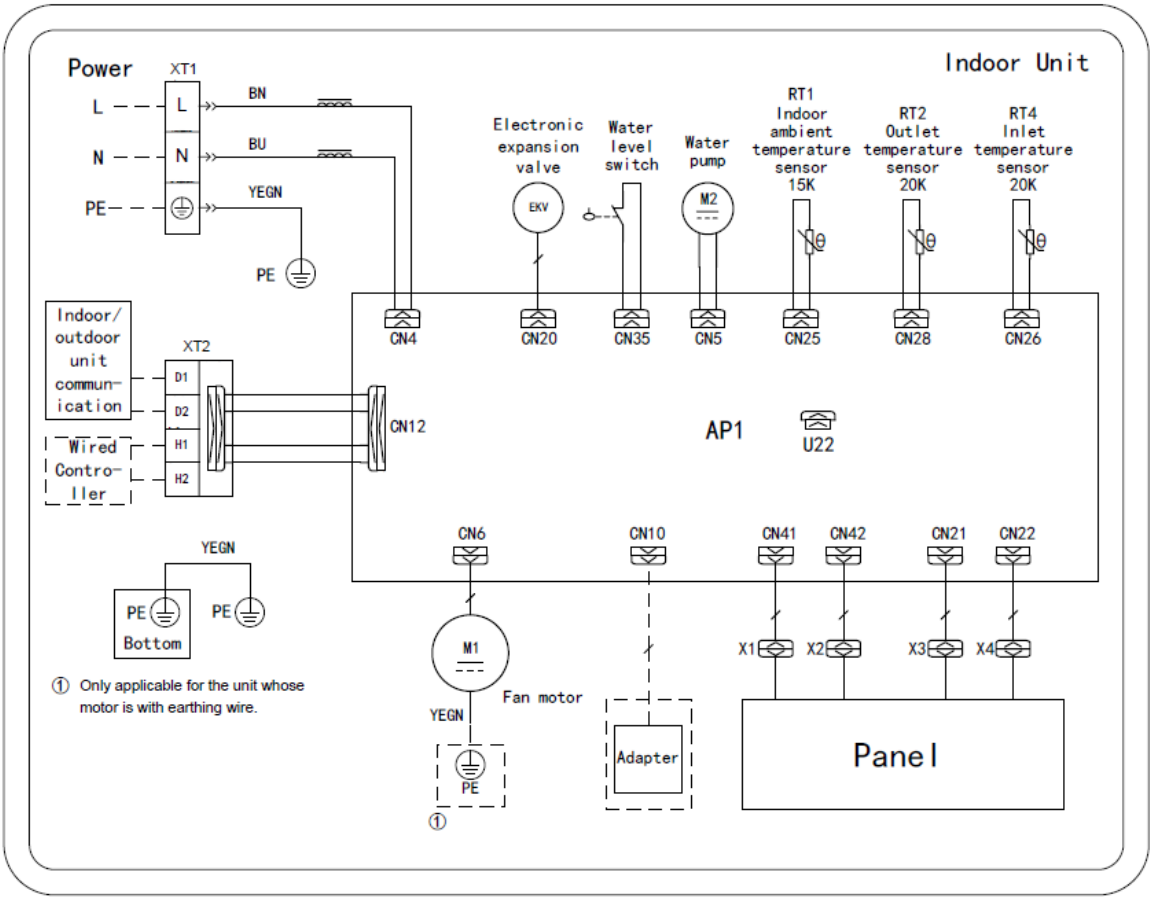
GMV-ND22T/C-T, GMV-ND28T/C-T, GMV-ND36T/C-T, GMV-ND45T/C-T, GMV-ND50T/C-T, GMV-ND56T/C-T, GMV-ND63T/C-T, GMV-ND71T/C-T, GMV-ND80T/C-T, GMV-ND90T/C-, GMV-ND100T/C-T, GMV-ND112T/C-T, GMV-ND125T/C-T, GMV-ND140T/C-T



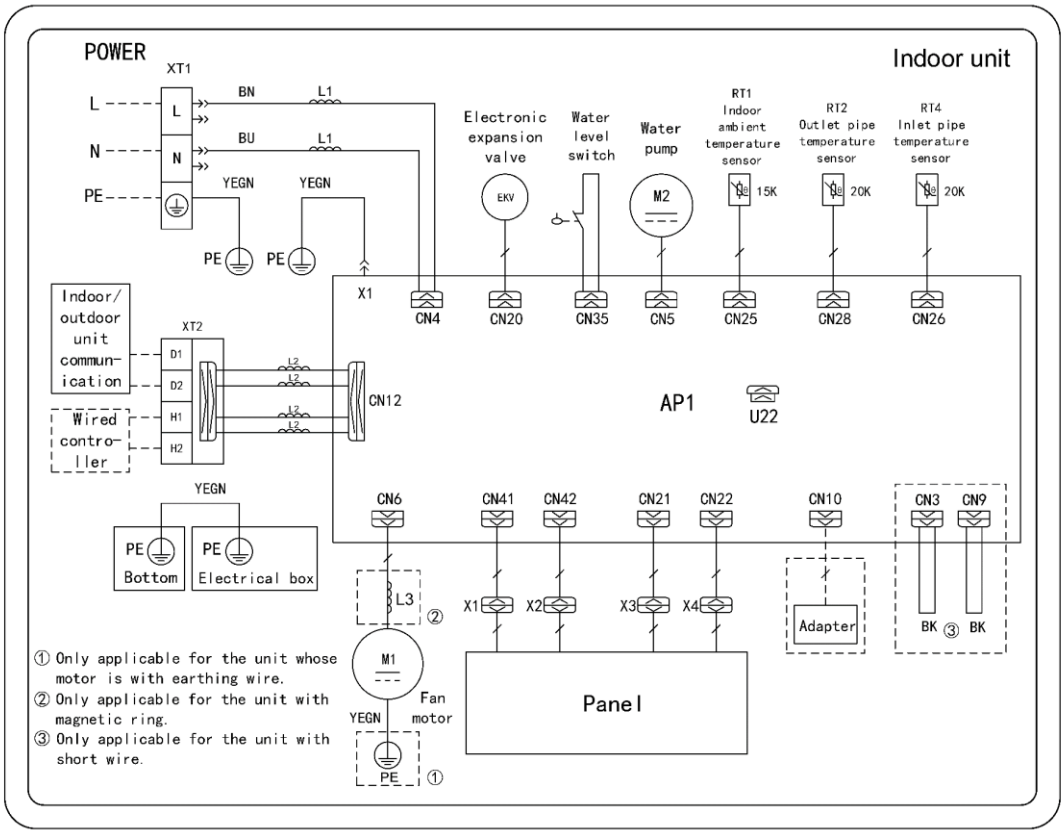
GMV-ND160T/C-T



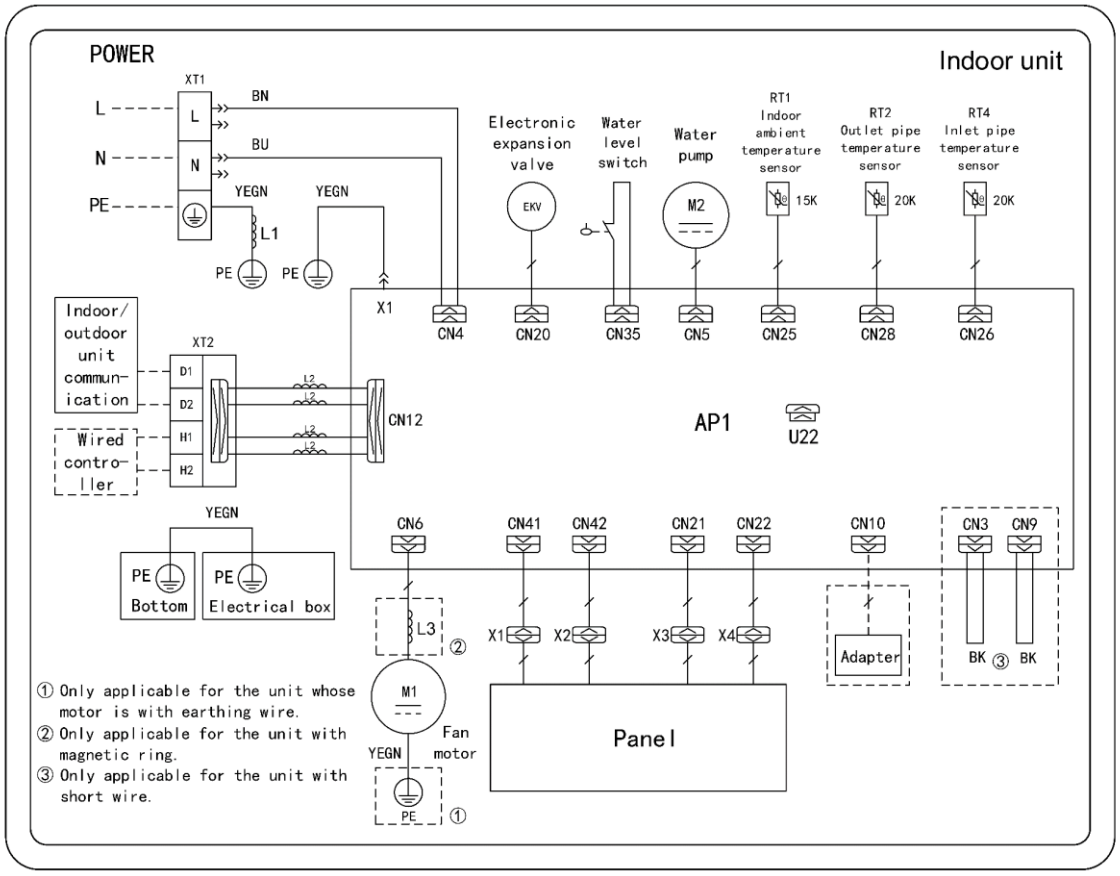
GMV-ND22T/C1-T,GMV-ND28T/C1-T,GMV-ND36T/C1-T,GMV-ND45T/C1-T,GMV-ND50T/C1-T:



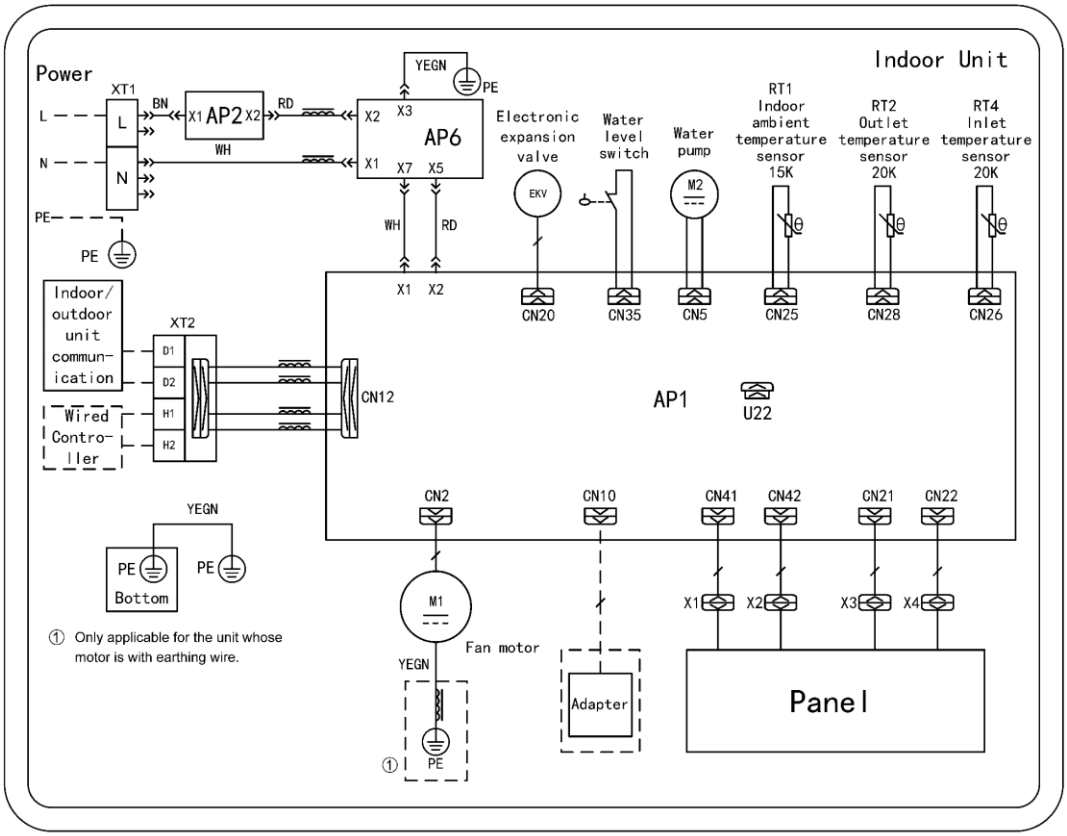
GMV-ND22T/D1-T,GMV-ND28T/D1-T,GMV-ND36T/D1-T,GMV-ND45T/D1-T,GMV-ND50T/D1-T,GMV-ND56T/D1-T,GMV-ND63T/D1-T,GMV-ND71T/D1-T:



GMV-ND80T/D1-T,GMV-ND90T/D1-T,GMV-ND100T/D1-T,GMV-ND112T/D1-T,GMV-ND125T/D1-T,GMV-ND140T/D1-T:

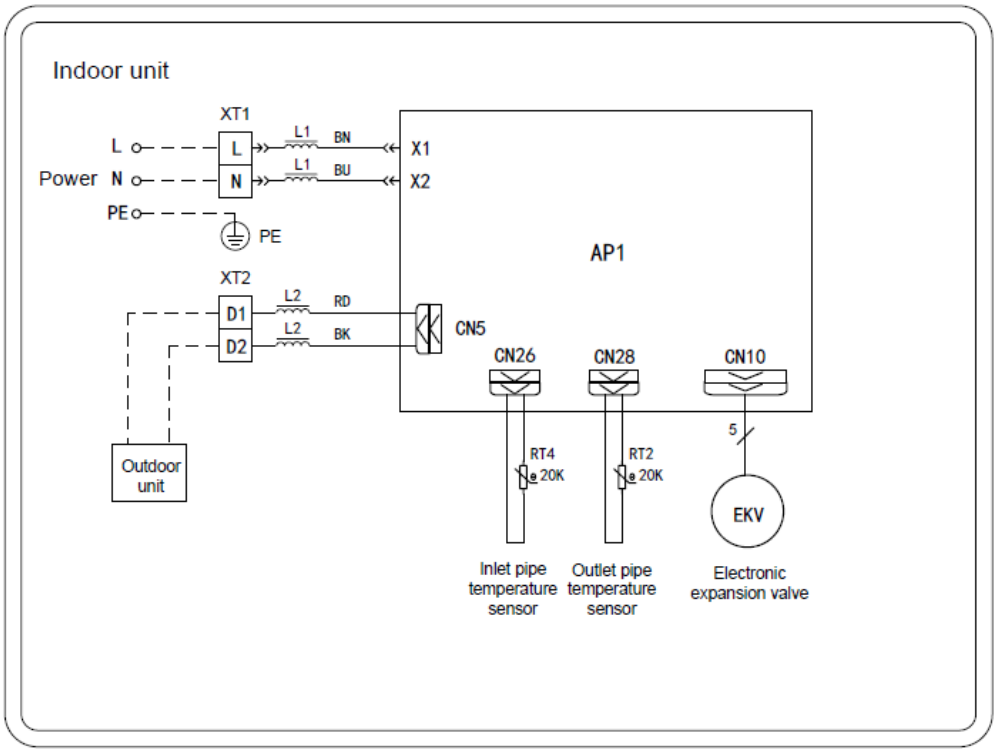


GMV-ND160T/D1-T:



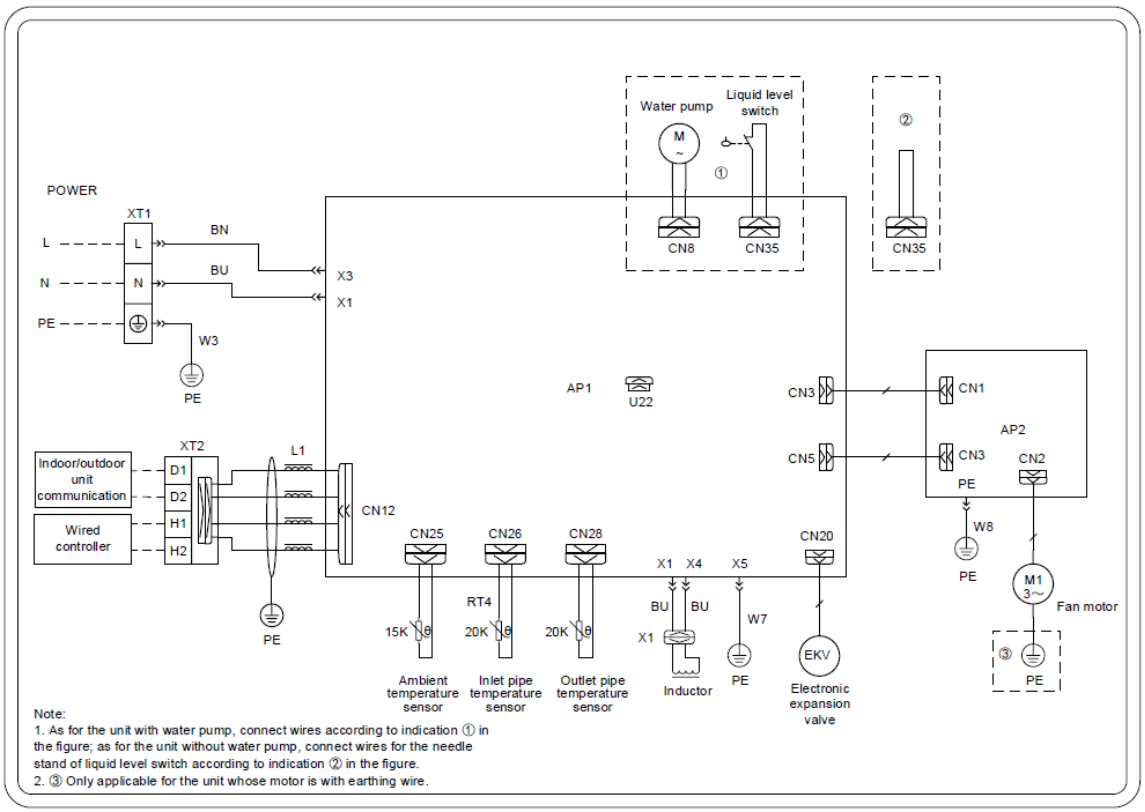
3.19 Heat Storage Module

XRZ180L/A-T:

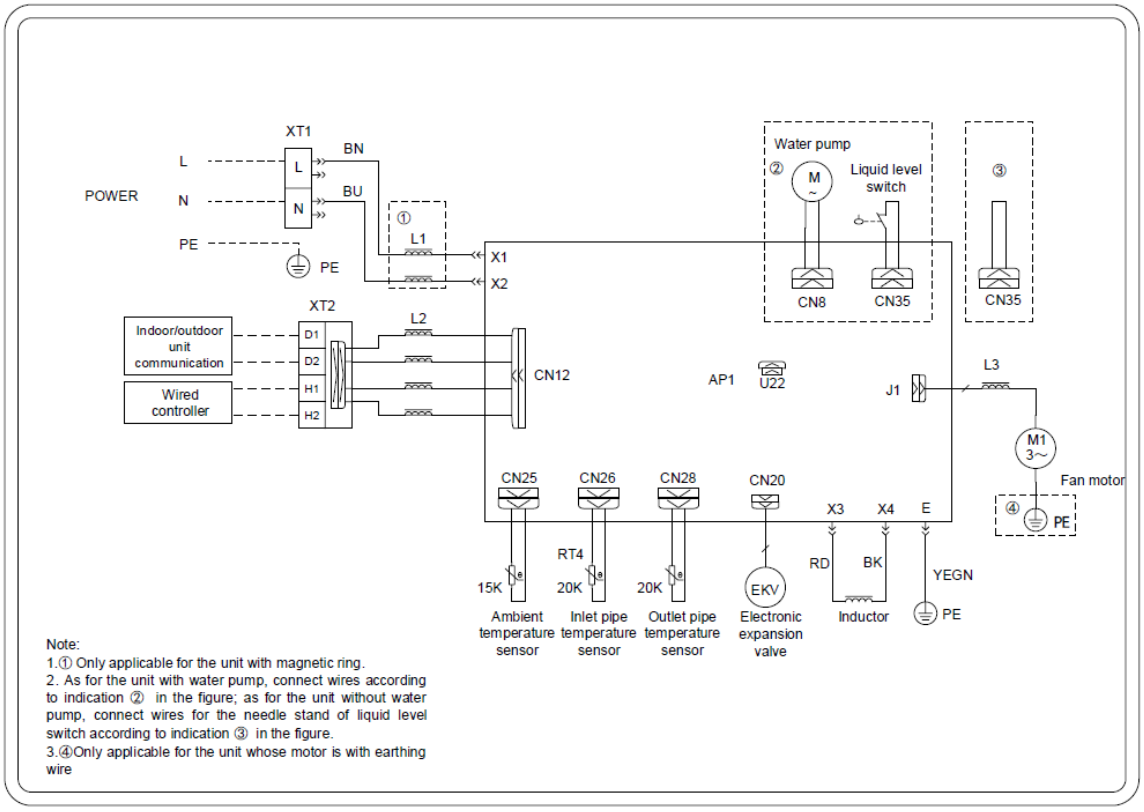


3.20 High Static Pressure Duct Type Indoor Unit

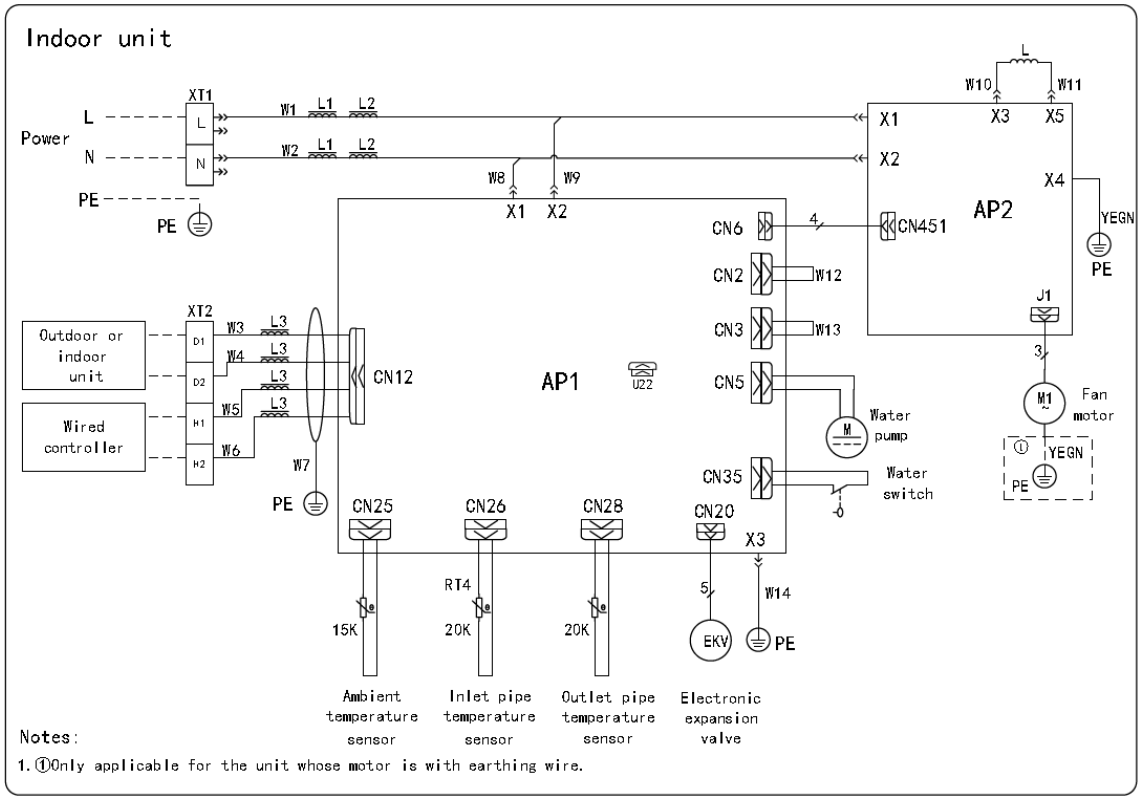
GMV-ND22PHS/D-T,GMV-ND25PHS/D-T,GMV-ND28PHS/D-T,GMV-ND32PHS/D-T,GMV-ND36PHS/D-T,GMV-ND40PHS/D-T,GMV-ND45PHS/D-T,GMV-ND50PHS/D-T,GMV-ND56PHS/D-T,GMV-ND63PHS/D-T, GMV-ND71PHS/D-T, GMV-ND80PHS/D-T:



GMV-ND90PHS/D-T, GMV-ND100PHS/D-T, GMV-ND112PHS/D-T, GMV-ND125PHS/D-T, GMV-ND140PHS/D-T, GMV-ND160PHS/D-T:

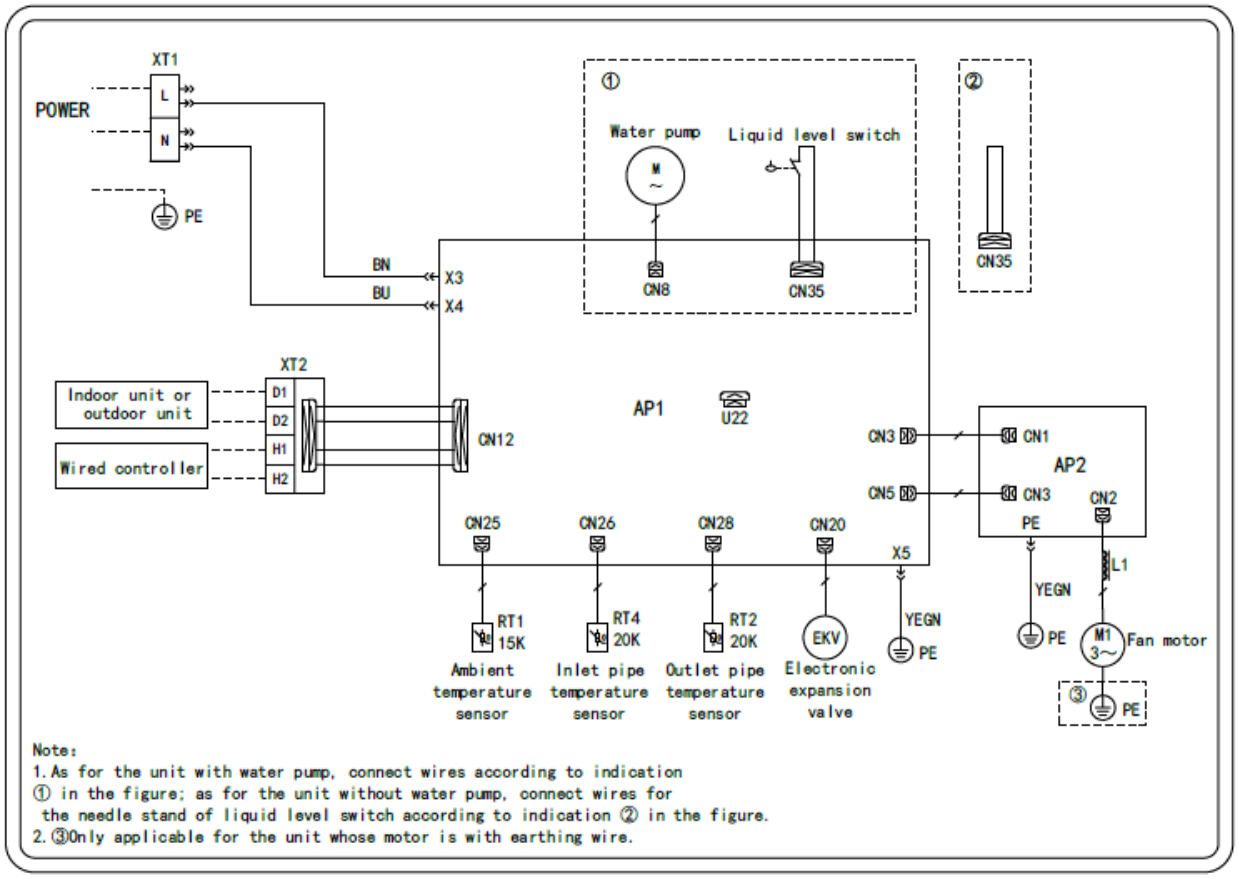


GMV-ND180PHS/D-T:



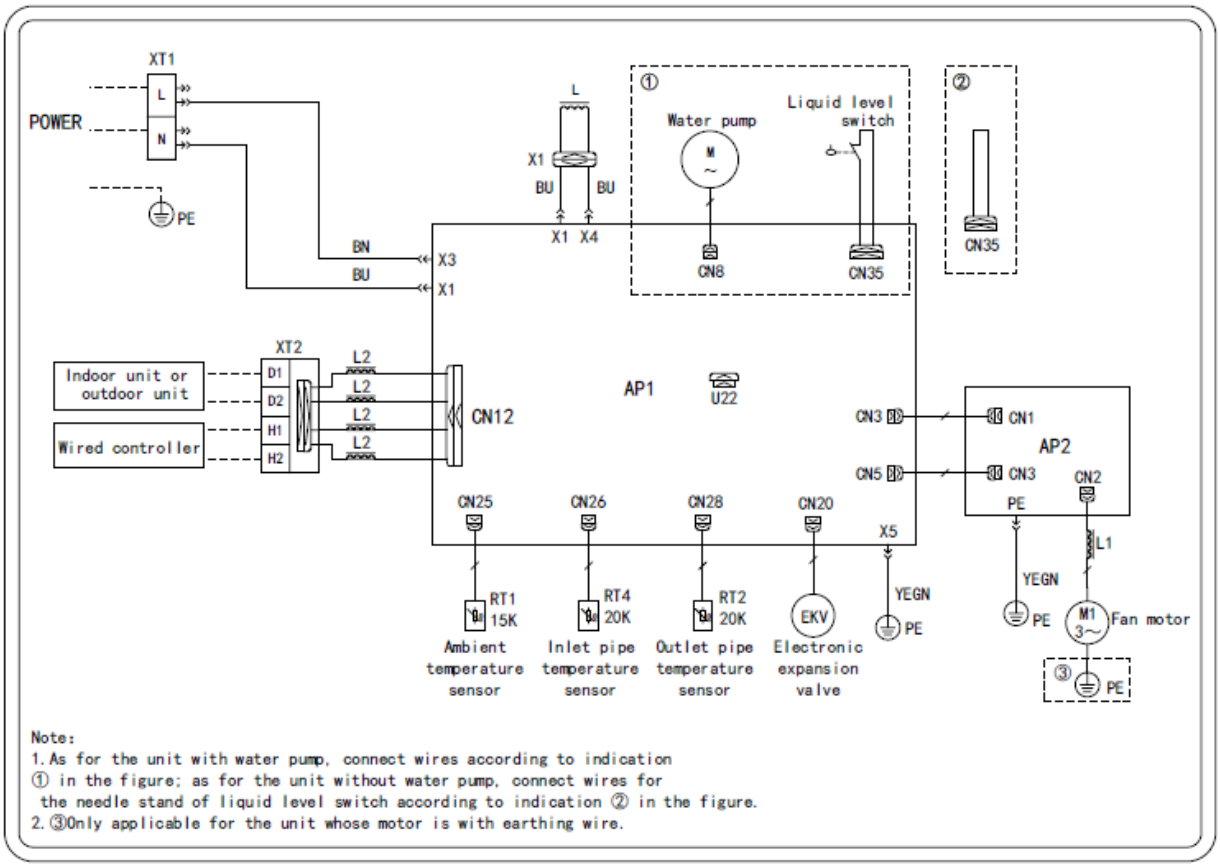
3.21 Middle Static Pressure Duct Type Indoor Unit

GMV-ND56~80PMS/A1-T:



Note:
1. As for the unit with water pump, connect wires according to indication ① in the figure; as for the unit without water pump, connect wires for the needle stand of liquid level switch according to indication ② in the figure.
2. ③Only applicable for the unit whose motor is with earthing wire.

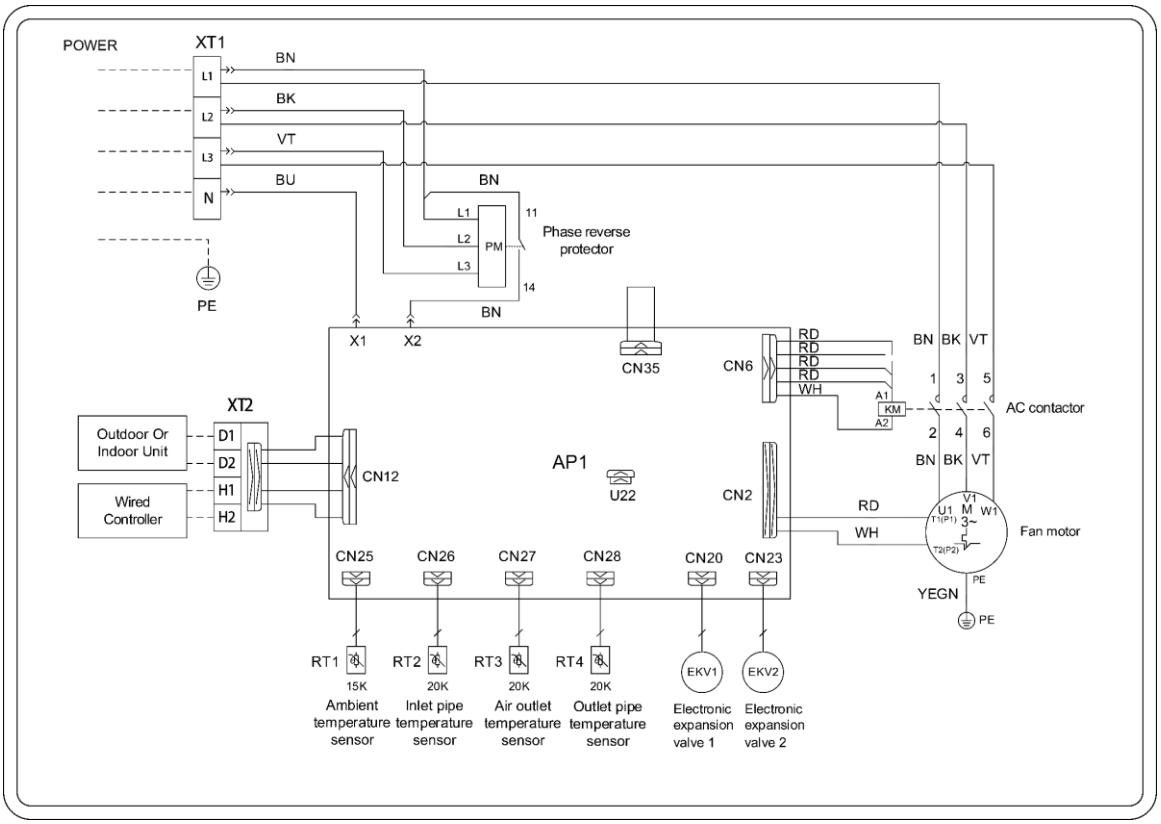
GMV-ND90~140PMS/A1-T:



Note:
1. As for the unit with water pump, connect wires according to indication ① in the figure; as for the unit without water pump, connect wires for the needle stand of liquid level switch according to indication ② in the figure.
2. ③Only applicable for the unit whose motor is with earthing wire.

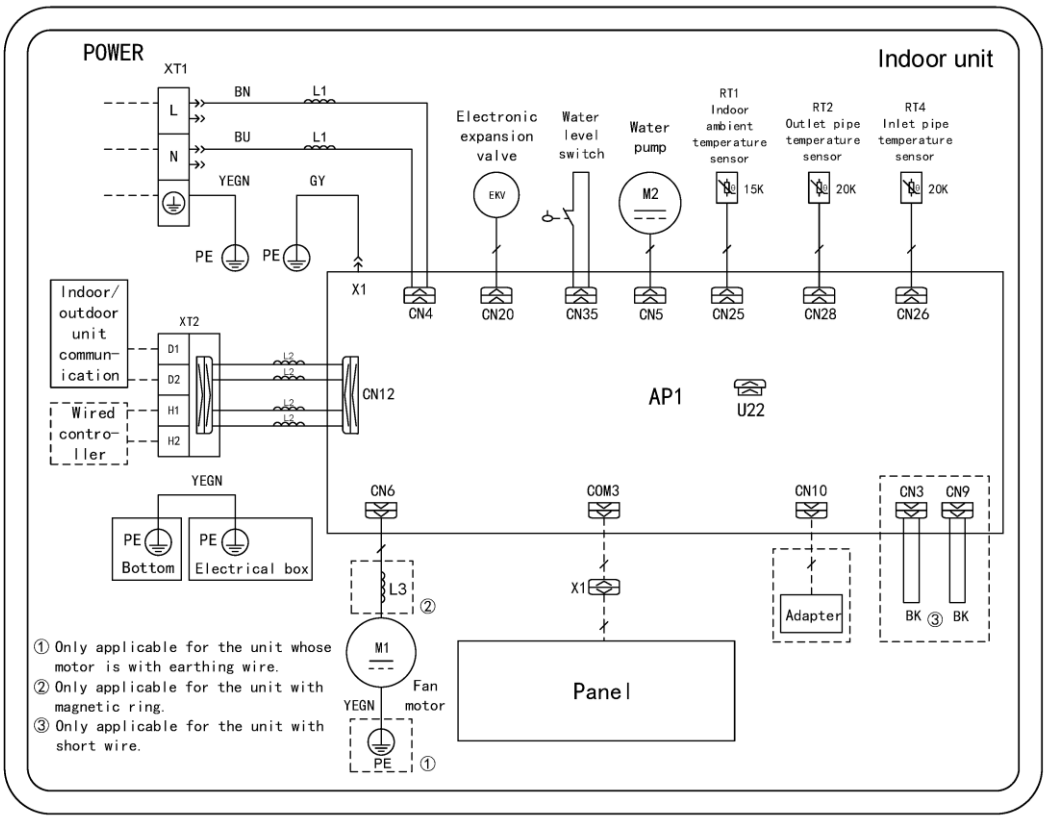
3.22 VRF Rooftop Packaged Unit

GMV-N790GK/HA-M, GMV-N790GK/HA-H:

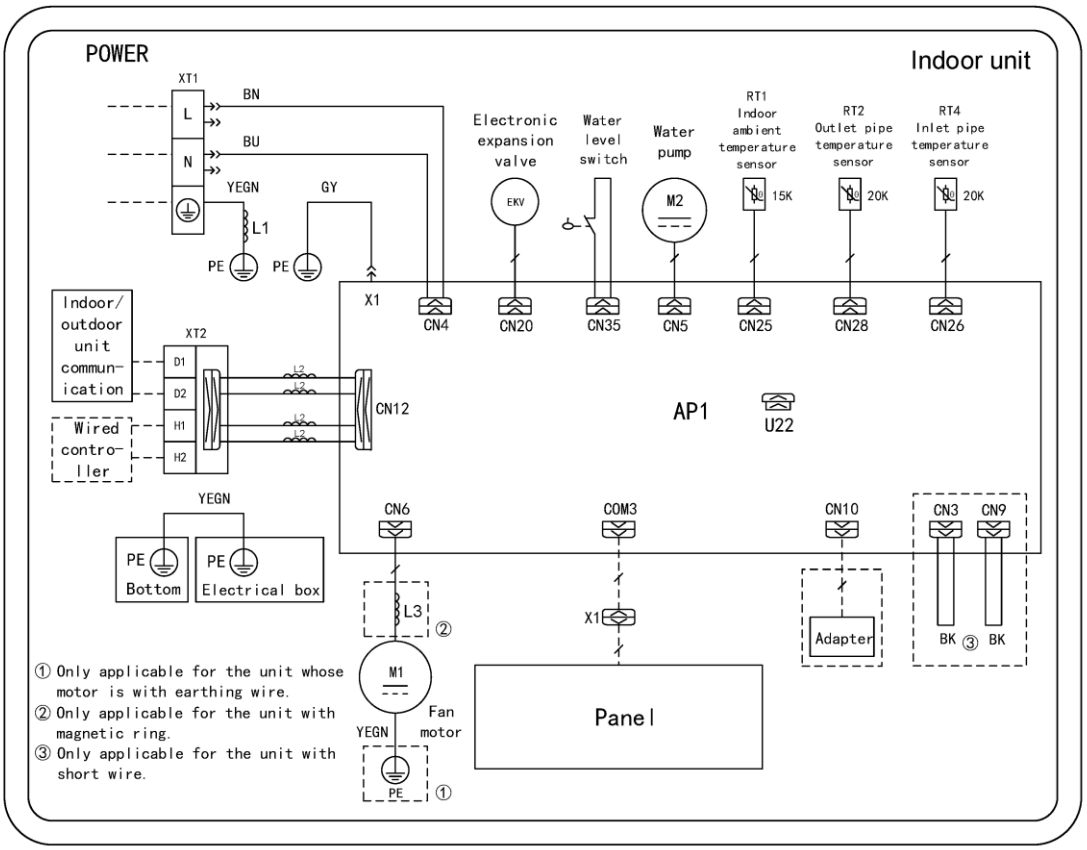


3.23 3D Airflow Cassette Type

GMV-ND22T/D2-T,GMV-ND28T/D2-T,GMV-ND36T/D2-T,GMV-ND45T/D2-T,GMV-ND50T/D2-T,GMV-ND56T/D2-T,GMV-ND63T/D2-T,GMV-ND71T/D2-T:



GMV-ND80T/D2-T,GMV-ND90T/D2-T,GMV-ND100T/D2-T,GMV-ND112T/D2-T,GMV-ND125T/D2-T,GMV-ND140T/D2-T:

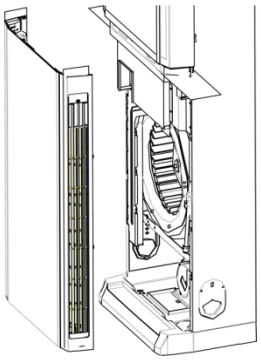


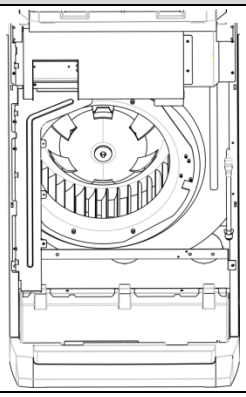
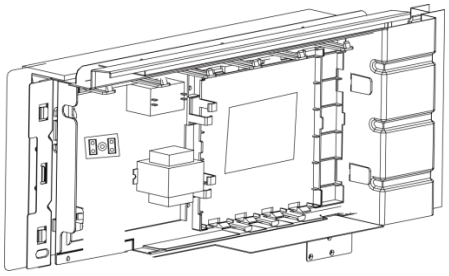
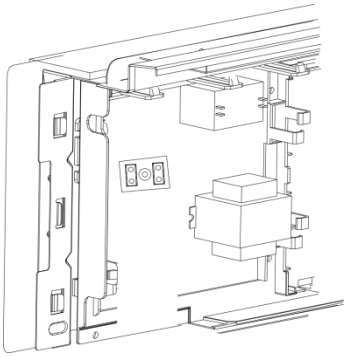
4 Disassembly and Assembly Procedure of Main Parts

4.1 Floor Standing Type

Note:

The following steps are specific for GMV-ND100L/A-T and GMV-ND140L/A-T.

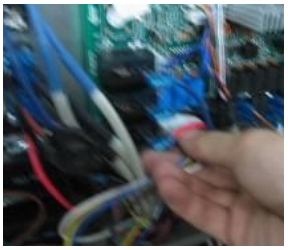
Removal and Assembly of electric box		
Remarks: Before removing the electric box, make sure to cut off the power firstly.		
Step	Illustration	Handling Instruction
1. Loosen the buckles on both sides of the bottom panel.		Cut off the power supply of indoor unit. Loosen the buckles on both sides of the bottom panel.

Removal and Assembly of electric box		
Remarks: Before removing the electric box, make sure to cut off the power firstly.		
Step	Illustration	Handling Instruction
2. Unscrew the screws on the bottom panel and then pull it out outwards.		Unscrew the screws on the bottom panel and then pull it out outwards.
3. Unscrew the screws on the electric box and then open the cover of it.		Unscrew the screws on the electric box and then open the cover of it.
4. Connect the power cord and the connection pipe.		Connect the power cord and the connection pipe.

Note:

The following steps are specific for GMV-N280L/A-D.

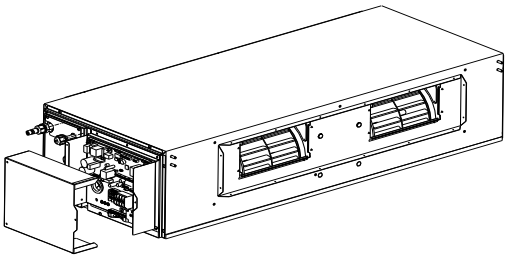
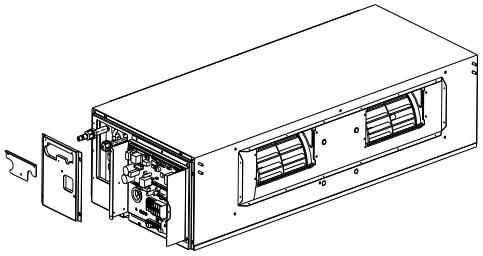
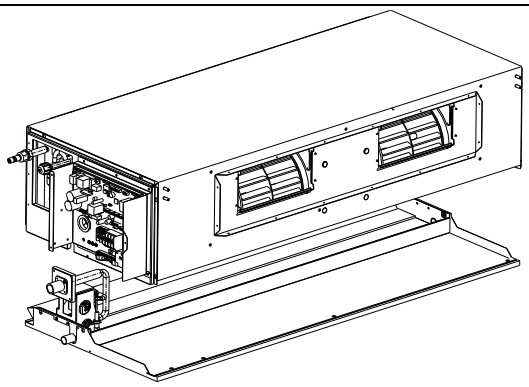
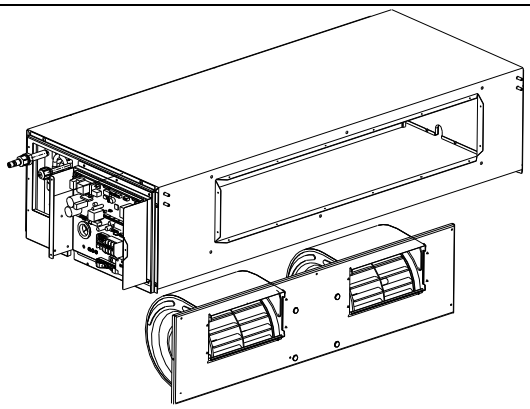
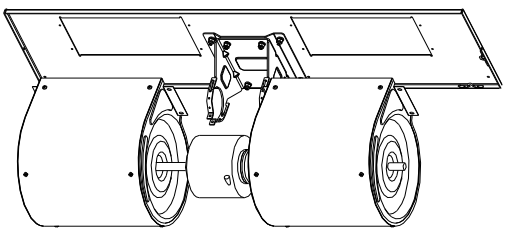
Removal operation of IDU motor		
Process	Photo	Operation Instruction
1.Unscrew the fixing screws in the middle panel.		Use screwdriver or other related tools
2.Take out the air inlet panel, and then take out the filter parts		Manual operation

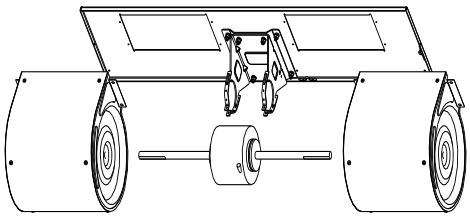
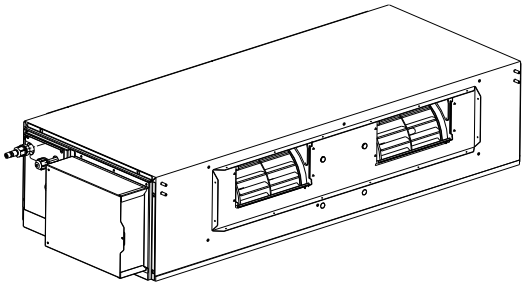
Removal operation of IDU motor		
Process	Photo	Operation Instruction
3.Remove the fixing nuts for fan motor		screwdriver or other related tools
4.Take out the fan blade		Manual operation Note: prevent sudden exertion during operation to avoid injury.
5.Remove the motor, and take out the fixing nuts, etc.		Use screwdriver or other related tools
6.Remove the press wire plate, and then take out the motor.		Note: before removing the motor, take apart the press wire plate first, otherwise the motor cannot be removed. Moreover, note to take out the motor wire from the electric box, so as to remove the motor. The process is as below.
7.Take out the fixing screws of electric box cover, and then take out the electric box cover.		Use screwdriver or other related tools
8.Take out the wire of motor		Please refer to the wire connection of circuit diagram for removing the motor.
During installation, please operate reversely according to the above steps.		

4.2 High Static Pressure Duct Type

Note:

The following steps are specific for GMV-ND71PHS/A-T units. For other units, the assembly and disassembly procedure is similar except the specifications of centrifugal fans and motors.

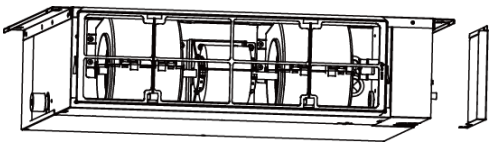
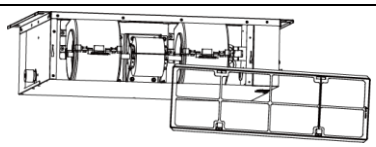
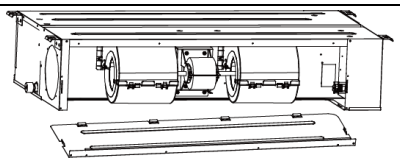
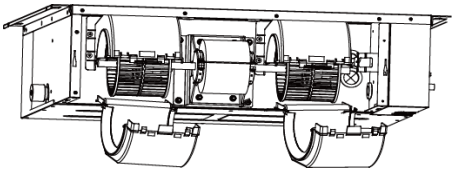
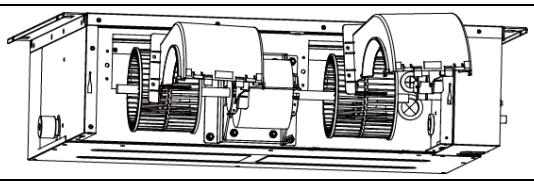
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Disassemble the seal plate and cover plate.		●Use a screwdriver to unscrew the seal plate and cover plate and then remove them.
3. Remove the cover plate component.		●Use a screwdriver to unscrew the cover plate component.
4. Disassemble the centrifugal fan.		●Use a screwdriver to unscrew the centrifugal fan.
5. Remove the motor and centrifugal fan.		●Use a screwdriver to unscrew the centrifugal fan. ●Loosen the fasteners of the motor and remove the motor from the support. ●For motors that are accompanied with supports, the supports need removing as well.

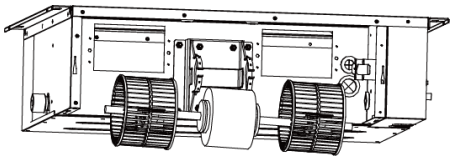
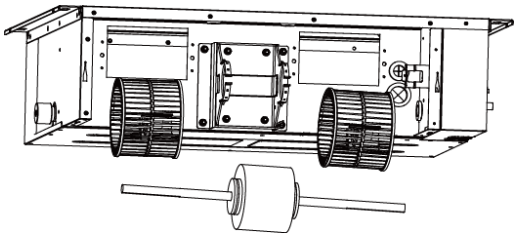
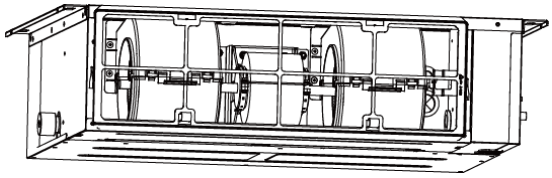
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
6. Remove the centrifugal fan.		●Use a hexagon to unscrew the fan and remove the centrifugal fan from the motor axle.
7. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.3 Low Static Pressure Duct Type

Note:

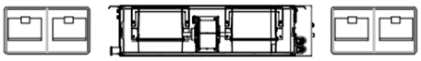
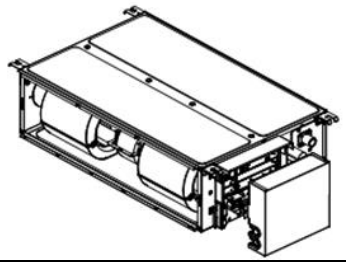
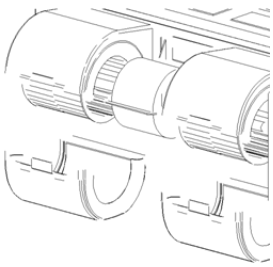
The following steps are specific for GMV-ND22PLS/A-T units. For GMV-ND22PLS/A-T~ GMV-ND140PLS/A-T units, the assembly and disassembly procedure is similar except the numbers of centrifugal fans and motors.

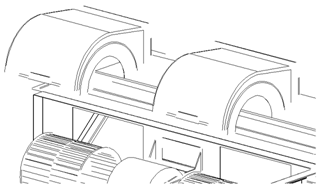
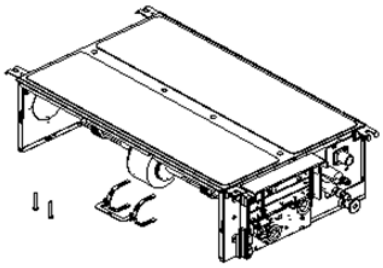
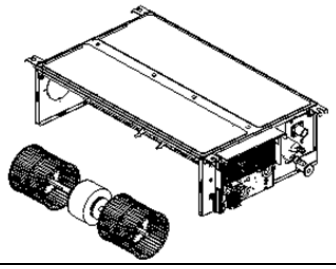
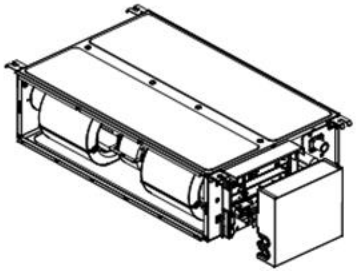
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Remove the filter.		●Remove the filter from the air return frame.
3. Remove the air return cover plate.		●Use a screwdriver to unscrew the air return cover plate.
4. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.
5. Remove the front volute casing.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
6. Loosen the centrifugal fan and motor.		●Use a hexagon to unscrew the centrifugal fan and loosen the fasteners of the motor.
7. Remove the motor.		●Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.
8. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

Note:

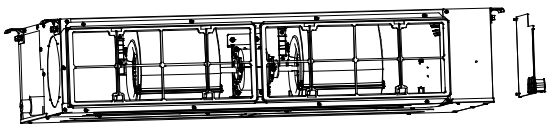
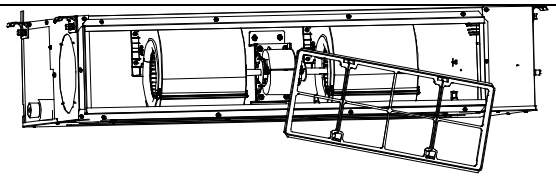
The following steps are specific for GMV-ND22PLS/C-T units. For GMV-ND18PLS/C-T~ GMV-ND71PLS/C-T and GMV-ND18PLS/C1-T~GMV-ND80PLS/C1-T units, the assembly and disassembly procedure is similar except the numbers of louvers and motors.

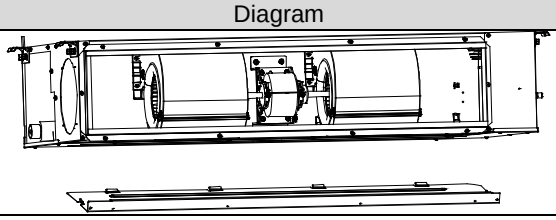
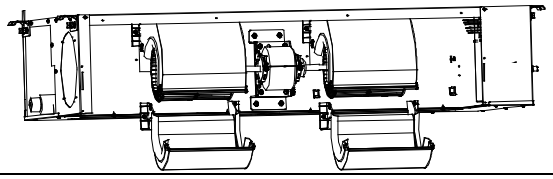
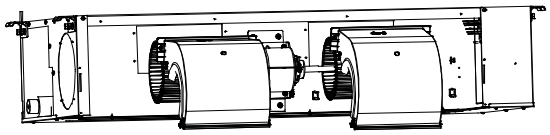
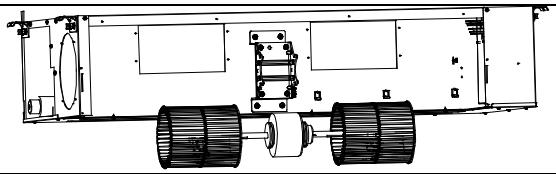
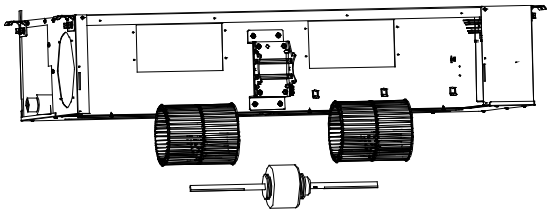
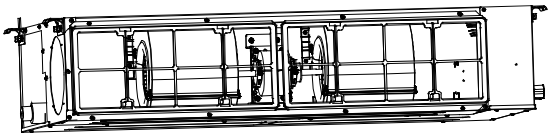
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1.Remove the air return filter.		●Draw the air return filter to both sides respectively at the return air inlet.
2. Remove the cover plate of the electric box.		●Disconnect the power supply of the IDUs, use a screwdriver to unscrew the cover plate of the electric box, and then remove the line connecting to the motor.
3. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
4. Remove the front volute casing.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
5. Remove the louver and motor.		●Use a screwdriver to unscrew the louver and loosen the fasteners of the motor.
6. Install a new motor.		●Remove the motor from the support and remove the louver from the motor. Then, remove the motor. ●Install a new motor.
7. Install units in a reverse order of this procedure.		●Assemble units based on the reverse order of this procedure and power on the units for test.

Note:

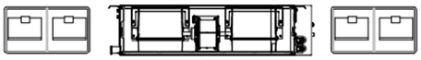
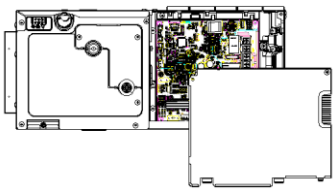
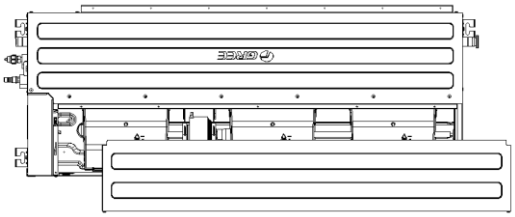
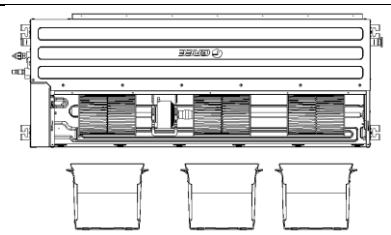
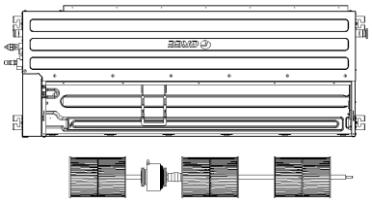
The following steps are specific for GMV-ND80PLS/C-T units. For GMV-ND80PLS/C-T~ GMV-ND140PLS/C-T units, the assembly and disassembly procedure is similar except the numbers of centrifugal fans and motors.

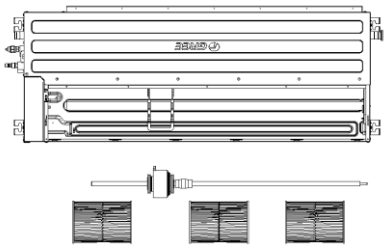
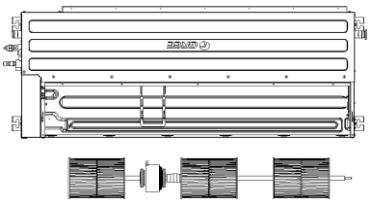
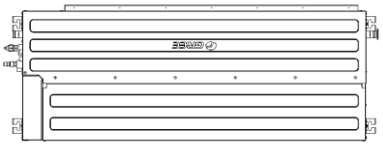
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Remove the filter.		●Remove the filter from the air return frame.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
3. Remove the air return cover plate.		●Use a screwdriver to unscrew the air return cover plate.
4. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.
5. Remove the front volute casing.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
6. Loosen the centrifugal fan and motor.		●Use a hexagon to unscrew the centrifugal fan and loosen the fasteners of the motor.
7. Remove the motor.		●Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.
8. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

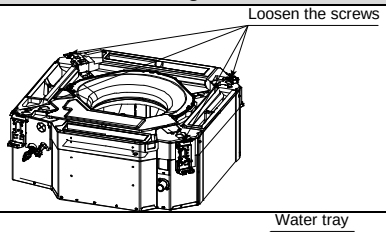
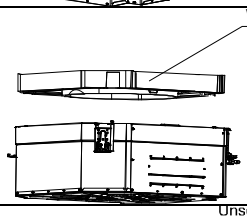
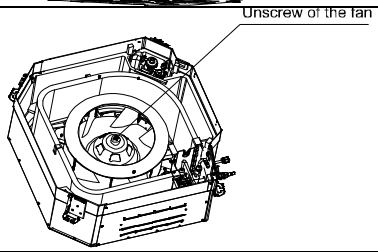
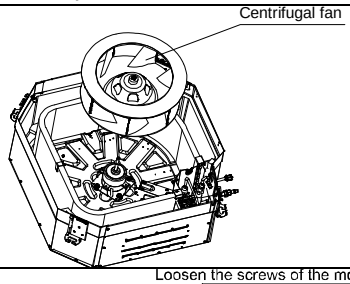
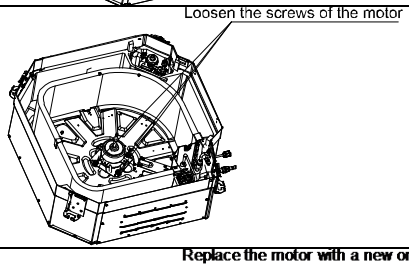
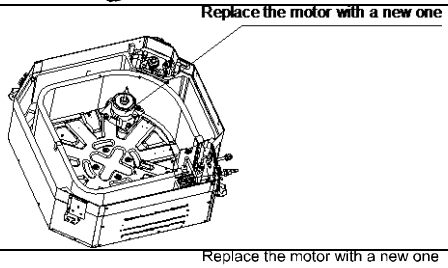
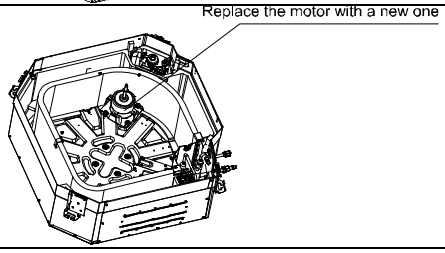
Note:

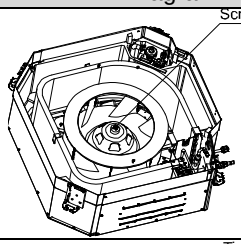
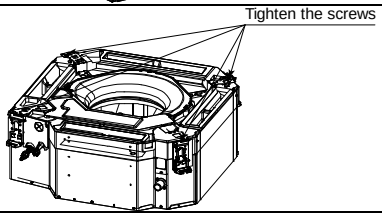
The following steps are specific for and GMV-ND80PLS/K-T units. For GMV-ND15PLS/K-T ~ GMV-ND71PLS/K-T units, the assembly and disassembly procedure is similar except the numbers of louvers and motors.

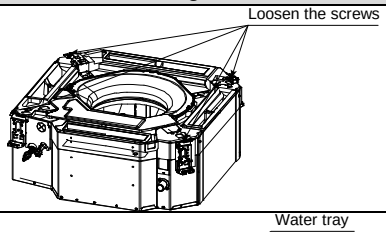
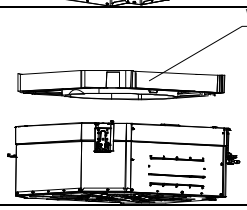
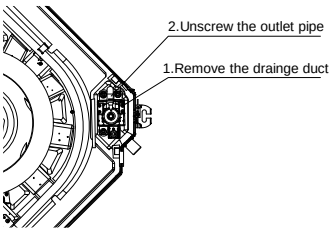
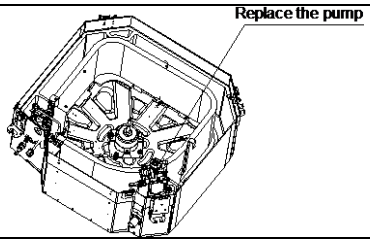
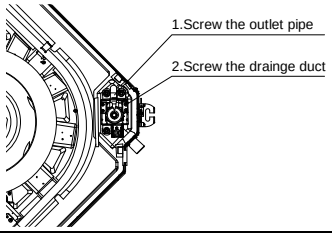
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1.Remove the air return filter.		●Draw the air return filter to both sides respectively at the return air inlet.
2. Remove the cover plate of the electric box.		●Disconnect the power supply of the IDUs, use a screwdriver to unscrew the cover plate of the electric box, and then remove the line connecting to the motor.
3. Remove the air return cover plate.		●Use a screwdriver to unscrew the air return cover plate.
4. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.
5. Remove the front volute casing.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
6. Remove the louver and motor.		●Use a screwdriver to unscrew the louver and loosen the fasteners of the motor.

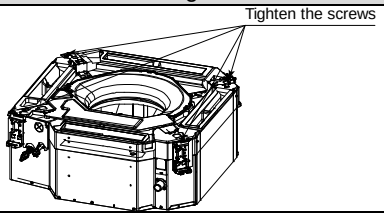
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
7. Remove the motor.		●Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.
8. Install a new motor.		●Remove the motor from the support and remove the louver from the motor. Then, remove the motor. ●Install a new motor.
9. Install units in a reverse order of this procedure.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.4 4-way Cassette Type

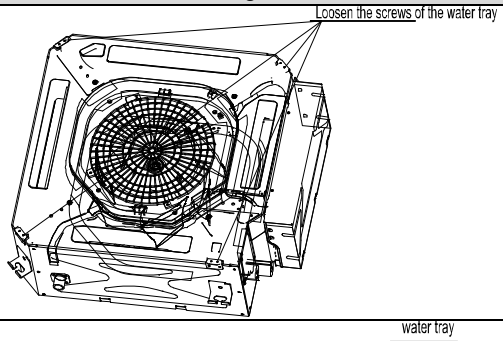
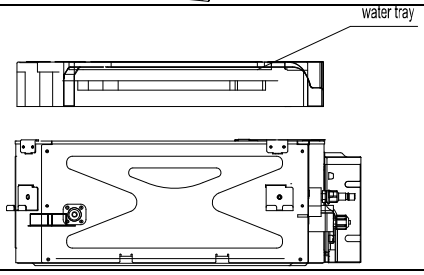
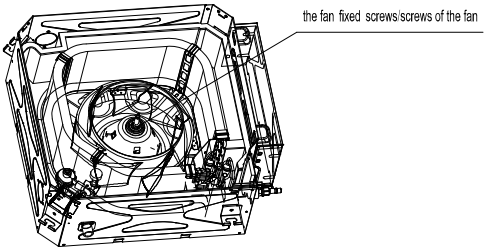
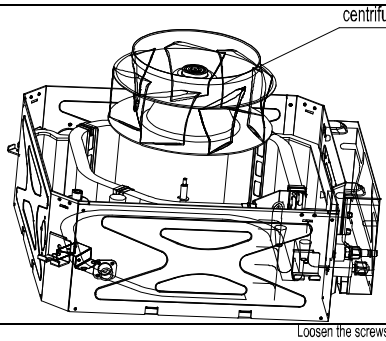
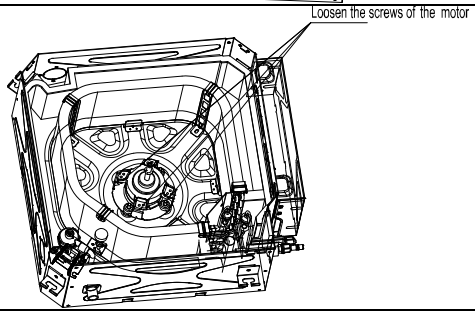
Motor and fan		
Step	Diagram	Operation Procedure
1. Unscrew the water tray.		●Use a screwdriver to unscrew the water tray.
2. Remove the water tray.		●Remove the water tray.
3. Unscrew the centrifugal fan.		●Use a wrench to unscrew the centrifugal fan.
4. Remove the centrifugal fan.		●Remove the centrifugal fan.
5. Unscrew the motor.		●Use a screwdriver to unscrew the motor.
6. Replace the motor with a new one.		●Replace the motor with a new one.
7. Screw the motor.		●Use a screwdriver to screw the motor.

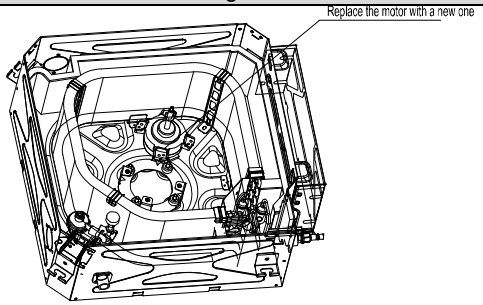
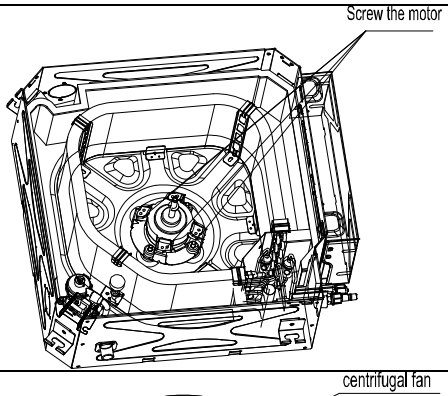
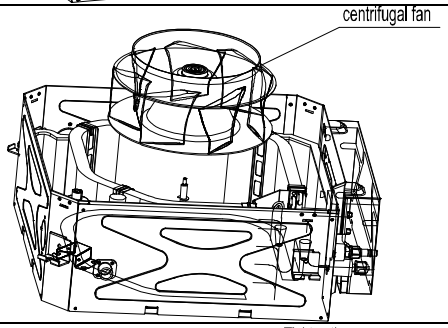
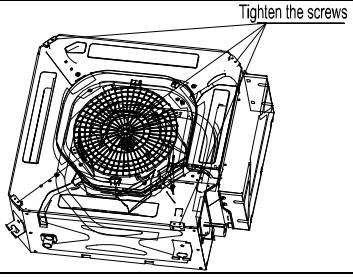
Motor and fan		
Step	Diagram	Operation Procedure
8. Install and screw the centrifugal fan.		●Install the centrifugal fan and use a wrench to screw the centrifugal fan.
9. Install and screw the water tray.		●Use a screwdriver to screw the water tray

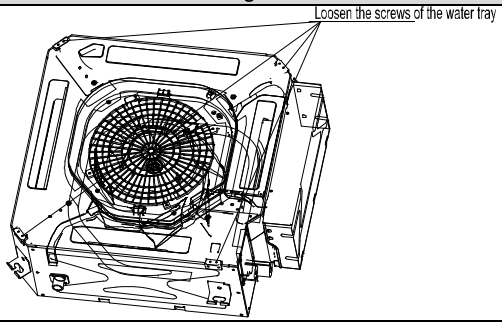
Pump		
Step	Diagram	Operation Procedure
1. Unscrew the water tray.		●Use a screwdriver to unscrew the water tray.
2. Remove the water tray.		●Replace the water tray.
3. Remove the drainage duct and unscrew the pump.		● Remove the drainage duct and use a screwdriver to unscrew the pump.
4. Replace the pump.		●Replace the pump.
5. Connect the drainage duct and screw the new pump.		●Connect the drainage duct and use a screwdriver to screw the new pump.

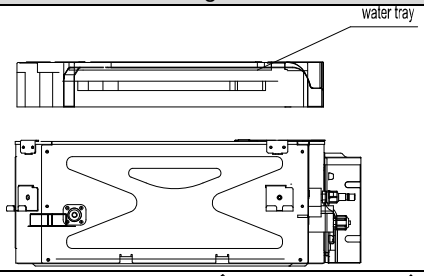
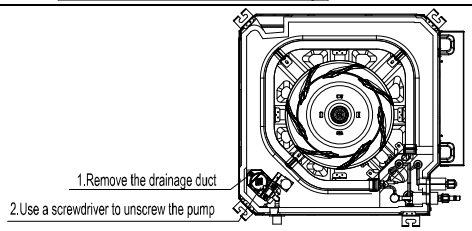
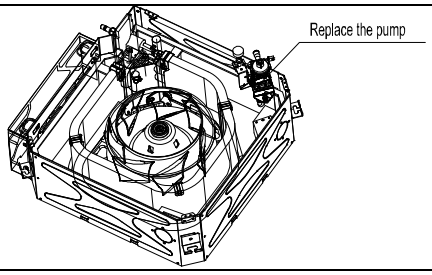
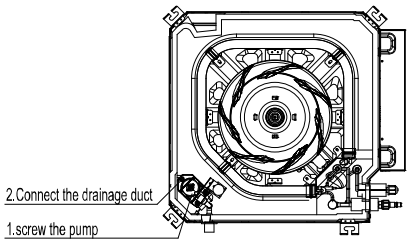
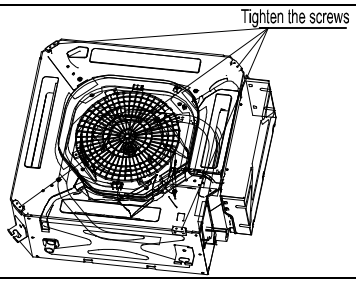
Pump		
Step	Diagram	Operation Procedure
6. Install and screw the water tray.		●Use a screwdriver to screw the water tray.

4.5 Compact 4-way Cassette Type

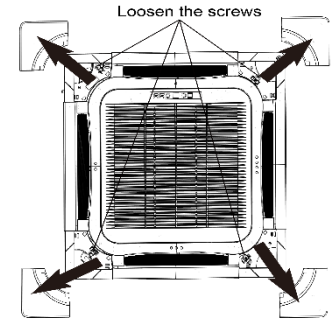
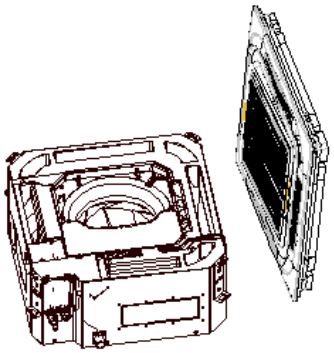
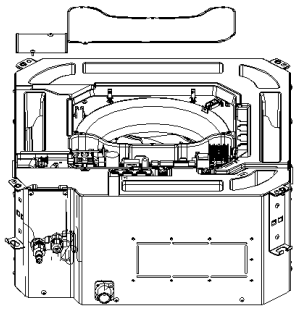
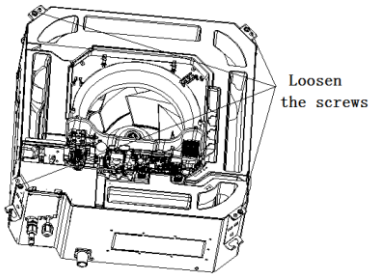
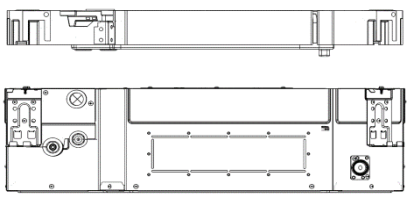
Motor and fan		
Step	Diagram	Operation Procedure
1. Unscrew the water tray.		●Use a screwdriver to unscrew the water tray.
2. Remove the water tray.		●Remove the water tray.
3. Unscrew the centrifugal fan.		●Use a wrench to unscrew the centrifugal fan.
4. Remove the centrifugal fan.		●Remove the centrifugal fan.
5. Unscrew the motor.		●Use a screwdriver to unscrew the motor.

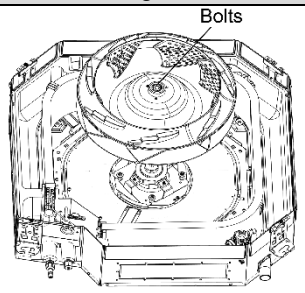
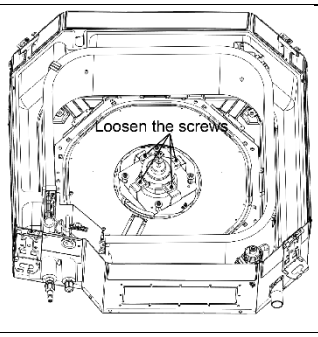
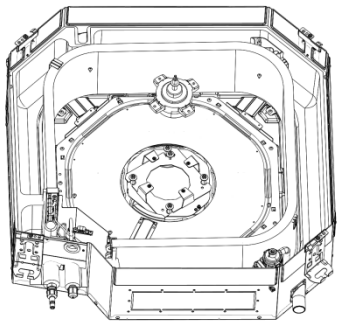
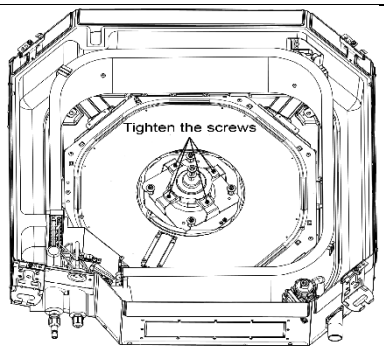
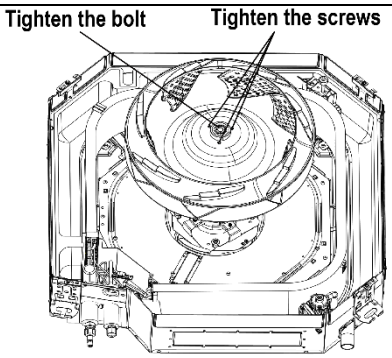
Motor and fan		
Step	Diagram	Operation Procedure
6. Replace the motor with a new one.		●Replace the motor with a new one.
7. Screw the motor.		●Use a screwdriver to screw the motor.
8. Install and screw the centrifugal fan.		●Install the centrifugal fan and use a wrench to screw the centrifugal fan.
9. Install and screw the water tray.		●Use a screwdriver to screw the water tray

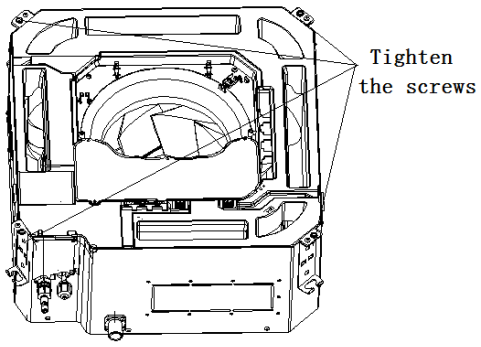
Pump		
Step	Diagram	Operation Procedure
1. Unscrew the water tray.		●Use a screwdriver to unscrew the water tray.

Motor and fan		
Step	Diagram	Operation Procedure
2. Remove the water tray.		●Replace the water tray.
3. Remove the drainage duct and unscrew the pump.		●Remove the drainage duct and use a screwdriver to unscrew the pump.
4. Replace the pump.		●Replace the pump.
5. Connect the drainage duct and screw the new pump.		●Connect the drainage duct and use a screwdriver to screw the new pump.
6. Install and screw the water tray.		●Use a screwdriver to screw the water tray.

4.6 360°Air Discharge Compact Cassette Type

Motor and fan		
Step	Diagram	Operation Procedure
1. Remove the front panel.	 	●Turn off the power supply of indoor unit. ●Push the 4 corner plates in the directions shown by the arrows. ●Loosen the screws and remove the front panel.
2. Remove the cover of electric box and the clamp of power cord.		●Remove the motor wire and water pump of the electric box.
3. Remove the water tray.	 	●Loosen the screws in the 4 corners and then remove the water tray.

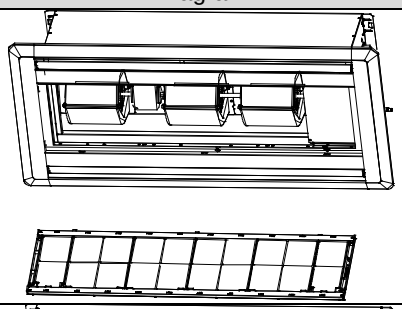
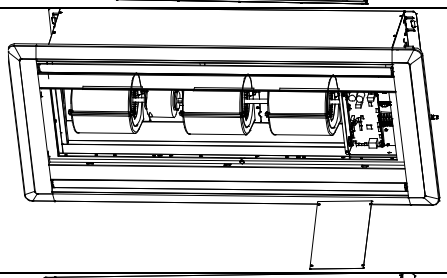
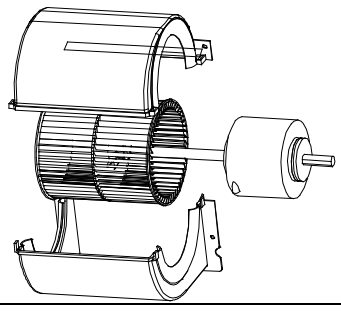
Motor and fan		
Step	Diagram	Operation Procedure
4. Remove the fan.		●Use a screwdriver to remove the clamping band of motor. Then remove the fan.
5. Remove motor.	 	●Use a screwdriver to unscrew the 4 screws of motor. Then remove the motor.
6. Replace and install the motor.		●Remove the motor from motor support and then replace with a new motor. ●Tighten the 4 screws of motor with a screwdriver.
7. Install the fan.		●Direct the hole of fan to the motor shaft and then mount on the fan. ●Tighten the clamping band of motor with a wrench.

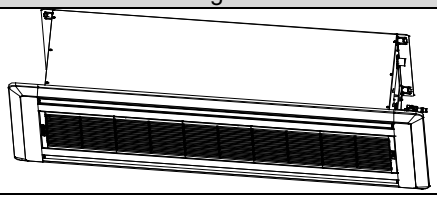
Motor and fan		
Step	Diagram	Operation Procedure
8. Install the water tray.		●Direct the 4 corners of water tray to the 4 corners of the unit and then press them. Use a screwdriver to tighten the screws in the 4 corners. ●Connect the power cord and water pump wire. ●Place back the cover of electric box and the clamp of power cord. Then tighten the screws with a screwdriver.

4.7 2-way Cassette Type

Note:

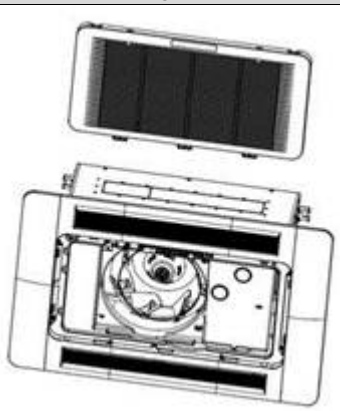
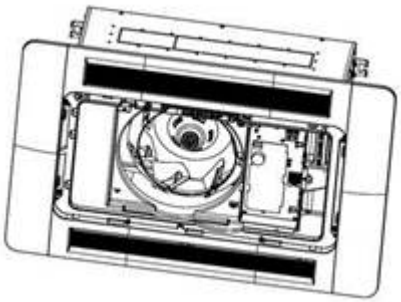
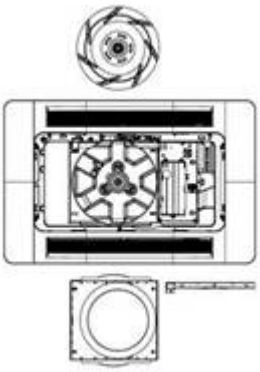
The following steps are specific for GMV-ND50TS/A-T units. For other units, the assembly and disassembly procedure is similar except the numbers of centrifugal fans and motors.

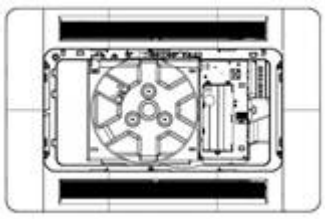
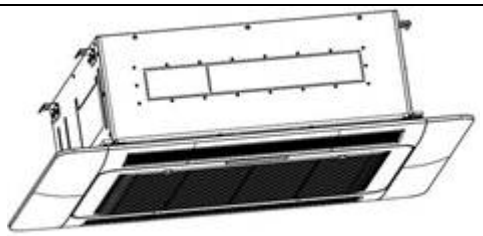
Removal of Fan Motor		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the grille		●Slip the fasteners on the panel, open the grille, remove it
2. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
3. Remove the motor、Remove the motor from the support		●Use a screwdriver to unscrew the motor、volute casing subassembly and joint slack。 ●Loosen the fasteners of the motor, remove the motor from the support ●Remove the volute casing subassembly as well
4. Remove the centrifugal fan		●Remove the volute casing ●Use a hexagon to unscrew the centrifugal fan，remove it from motor axle

Removal of Fan Motor		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
5. Replace the motor with a new one.		●Assemble units based on the reverse order of this procedure and power on the units for test.

Note:

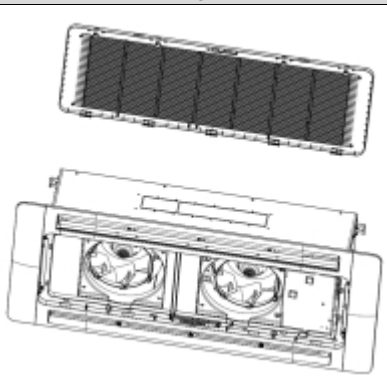
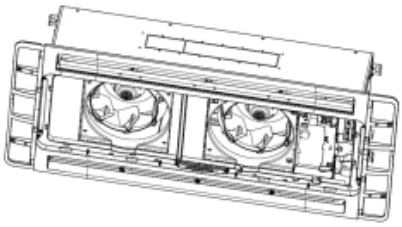
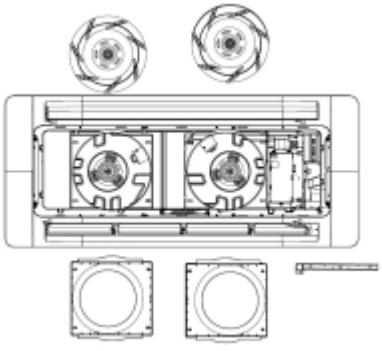
The following steps are specific for GMV-ND80TS/B-T units. For other units, the assembly and disassembly procedure is similar except the numbers of centrifugal fans and motors.

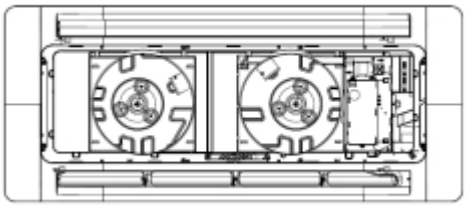
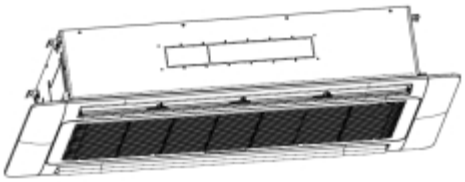
Removal of Fan Motor		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the grille		●Slide the buckle in the middle of the panel to open the panel grille
2. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the fixing screws of the electric box cover. ●Find the motor wire, unplug from the main board, and remove the fasteners.
3. Remove the fan and guide ring		● Loosen the fixed guide ring and screw with a screwdriver ● Remove the guide ring and the wire board ● Unscrew the nut fixing the fan with a wrench, then remove the fan

Removal of Fan Motor		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
4. Remove motor.		● The wrench loosens the fixing motor nut ● Cut off the fasteners that fixed the motor wire ● Remove the motor
5. Replace with a new motor		●Assemble units based on the reverse order of this procedure and power on the units for test.

Note:

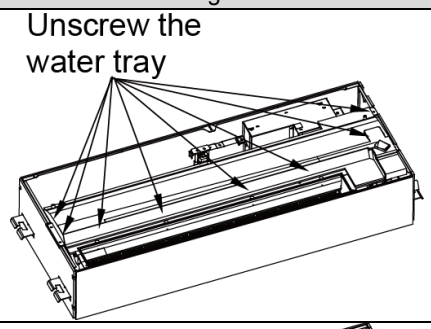
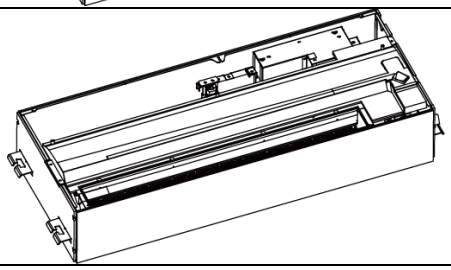
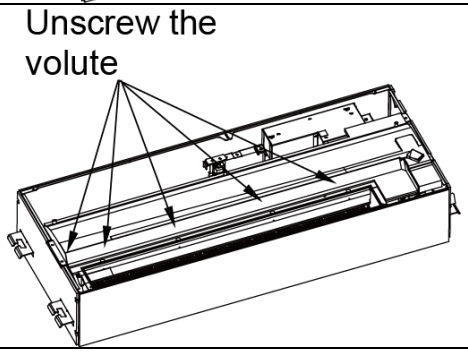
The following steps are specific for GMV-ND160TS/B-T units. For other units, the assembly and disassembly procedure is similar except the numbers of centrifugal fans and motors.

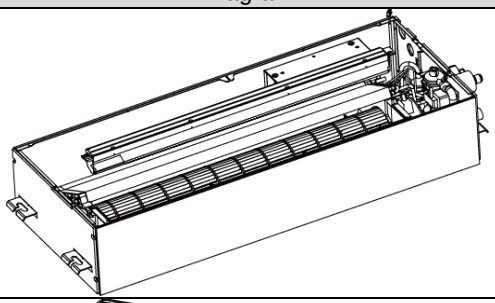
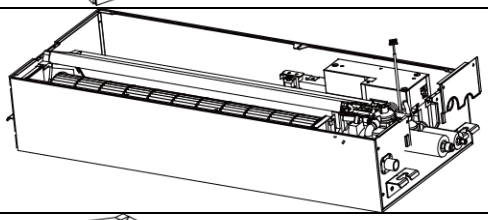
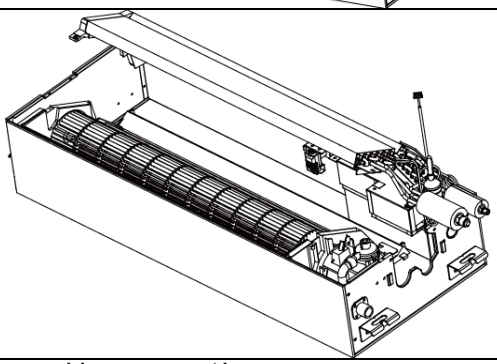
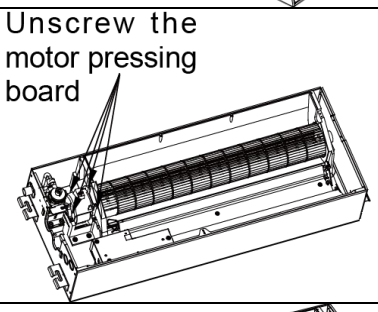
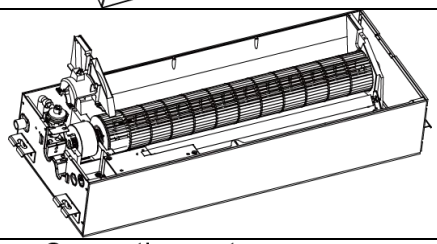
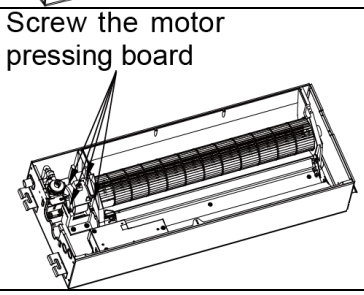
Removal of Fan Motor		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the grille		●Slide the buckle in the middle of the panel to open the panel grille
2. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the fixing screws of the electric box cover. ●Find the motor wire, unplug from the main board, and remove the fasteners.
3. Remove the fan and guide ring		● Loosen the fixed guide ring and screw with a screwdriver ● Remove the guide ring and the wire board ● Unscrew the nut fixing the fan with a wrench, then remove the fan

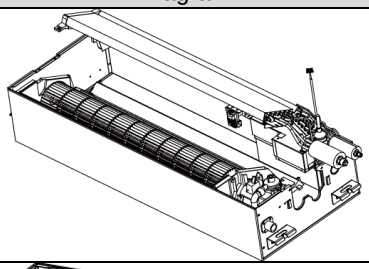
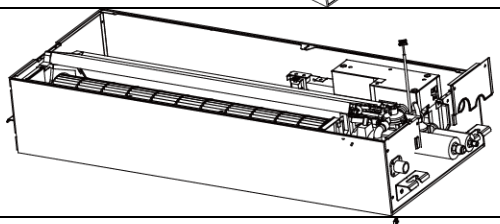
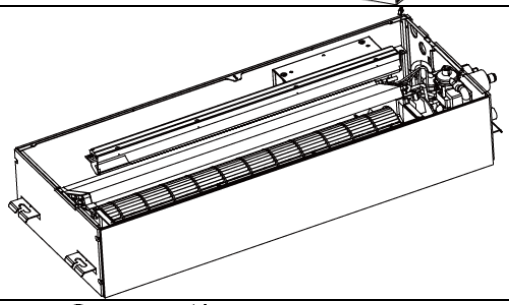
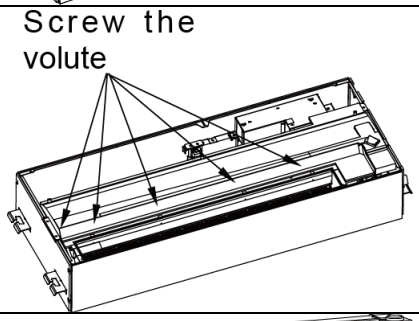
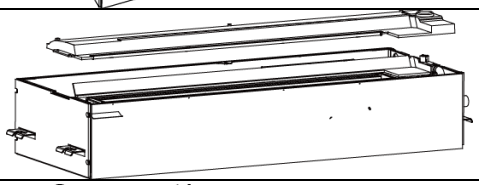
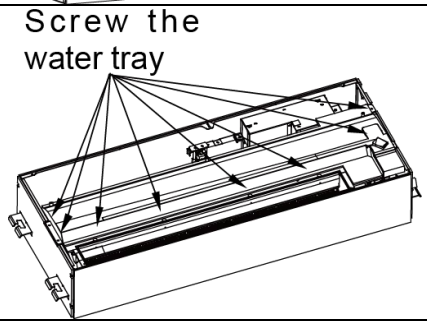
Removal of Fan Motor		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
4. Remove motor.		● The wrench loosens the fixing motor nut ● Cut off the fasteners that fixed the motor wire ● Remove the motor
5. Replace with a new motor		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.8 1-way Cassette Type

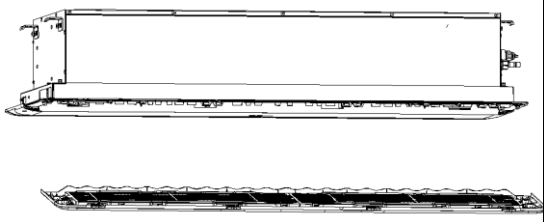
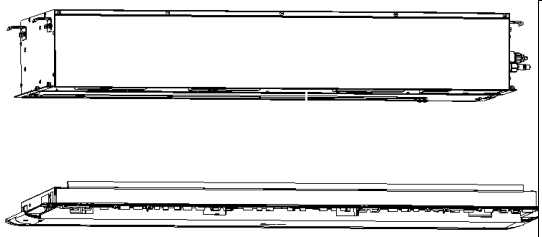
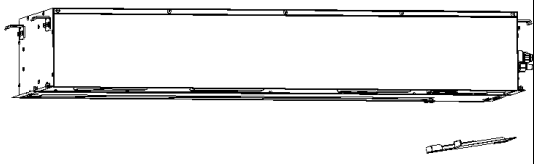
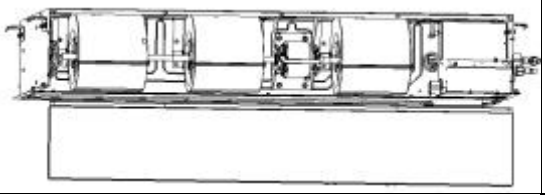
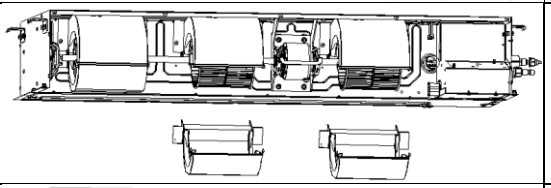
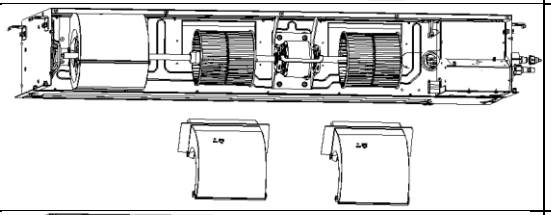
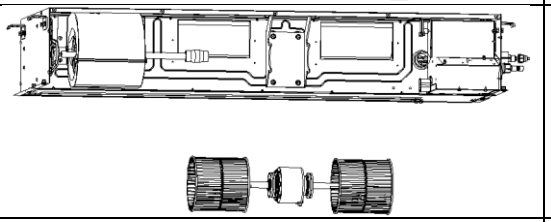
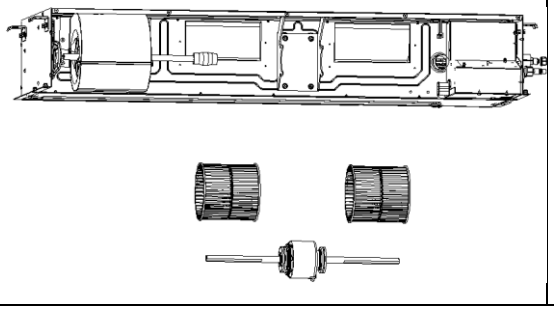
GMV-ND**TD/A-T：

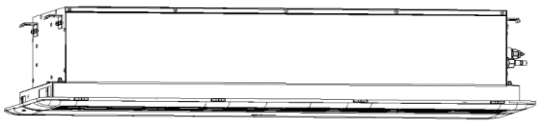
Motor and fan		
Step	Diagram	Operation Procedure
1. Unscrew the water tray.		●Use a screwdriver to unscrew the water tray.
2. Remove the water tray.		●Remove the water tray.
3. Unscrew the volute tongue.		●Use a screwdriver to unscrew the volute tongue.

Motor and fan		
Step	Diagram	Operation Procedure
4. Remove the volute tongue.		●Remove the volute tongue.
5. Unscrew the outlet board.		●Use a screwdriver to unscrew the outlet board and then remove the board.
6. Remove the evaporator.		●Remove the evaporator.
7. Unscrew the motor pressing board.		●Use a screwdriver to unscrew the motor pressing board.
8. Remove the pressing board and replace the motor.		●Remove the pressing board and replace the motor.
9. Screw the motor pressing board.		●Use a screwdriver to screw the motor pressing board.

Motor and fan		
Step	Diagram	Operation Procedure
10. Install the evaporator.		●Install the evaporator.
11. Screw the outlet board.		●Use a screwdriver to screw the outlet board.
12. Put the volute tongue back to position.		●Put the volute tongue back to position.
13. Screw the volute tongue.		●Use a screwdriver to screw the volute tongue.
14. Install the water tray.		●Install the water tray.
15. Screw the water tray.		●Use a screwdriver to screw the water tray.

GMV-ND**TD/B-T：

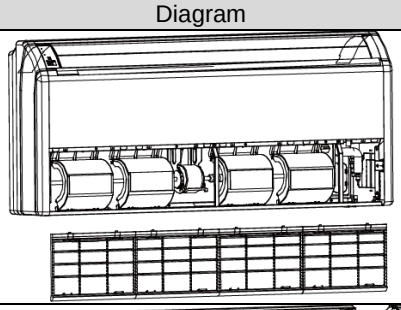
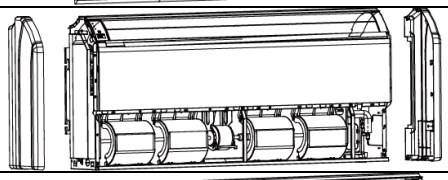
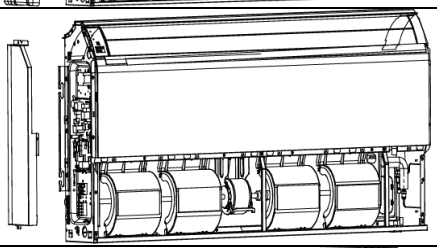
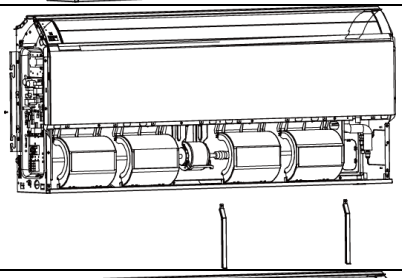
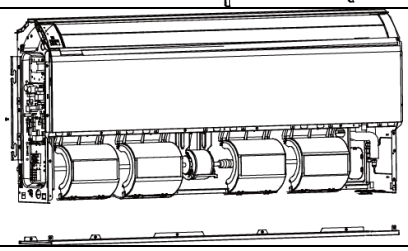
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the air return grille.		● Press out all the grille tabs and then remove the grille.
2. Remove the panel		●Use a screwdriver to unscrew the panel and then remove the panel.
3. Remove the electric box cover and the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the motherboard the line connecting to the motor and remove the tie.
4. Remove the cover plate.		●Use a screwdriver to unscrew the cover plate and then remove the cover plate.
5. Remove the volute casing(lower).		●Use a screwdriver to unscrew the volute casing(lower) and then remove it.
6. Remove the volute casing(upper).		●Use a screwdriver to unscrew the volute casing(upper) and then remove it.
7. Remove the centrifugal fan		●Loosen the fasteners that connect the coupler with the motor axle and remove the centrifugal fan.the volute casing.
8. Remove the motor.		●Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.

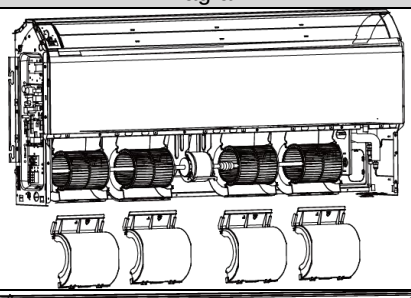
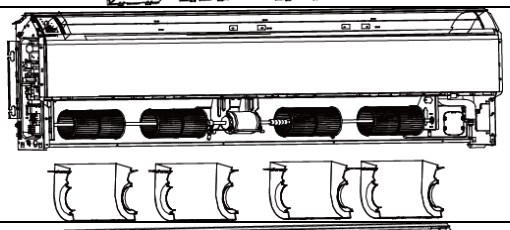
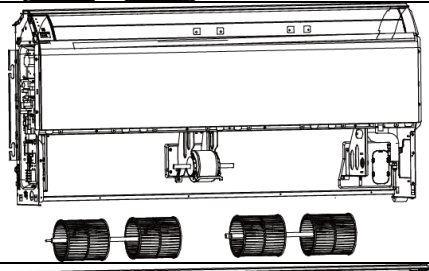
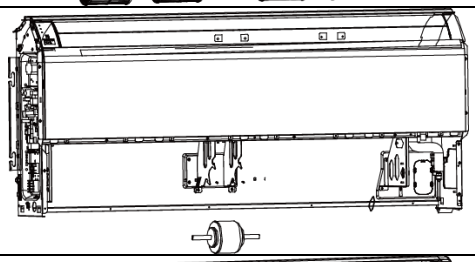
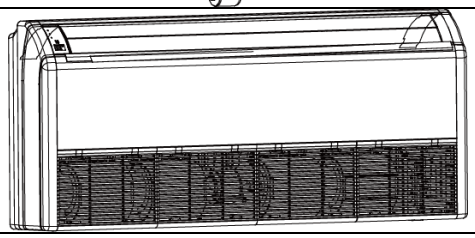
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
9. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.9 Floor Ceiling Type

4.9.1 GMV-ND**ZD/A-T

The following steps are specific for GMV-ND140ZD/A-T units. For other units, the assembly and disassembly procedure is similar except the numbers of centrifugal fans and motors.

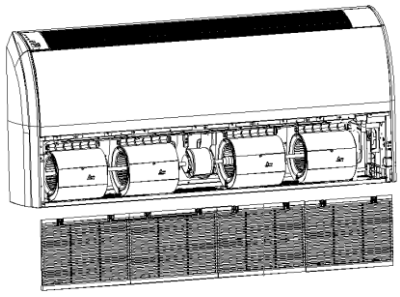
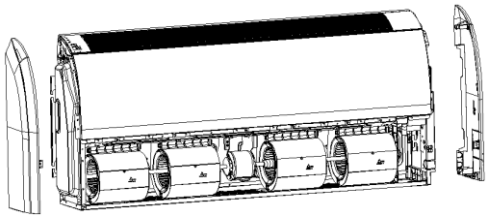
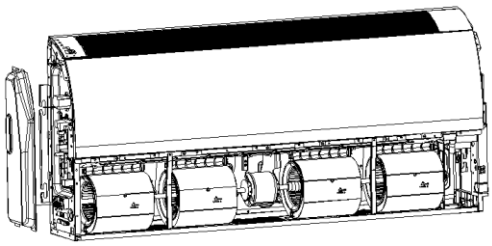
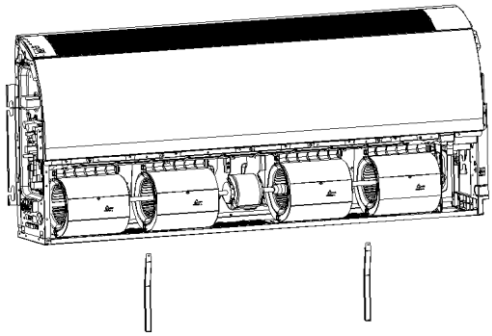
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the air return grille.		●Loosen the fasteners of the air return grille and then remove the grille.
2. Remove the left and right cover plates.		●Use a screwdriver to unscrew the left and right cover plates and then remove the cover plates.
3. Remove the electric box cover and the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
4. Remove the limit board.		●Use a screwdriver to unscrew the limit board and then remove the board.
5. Remove the rear connecting board.		●Use a screwdriver to unscrew the rear connecting board and them remove the board.

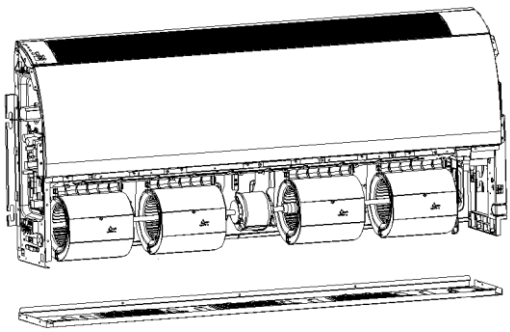
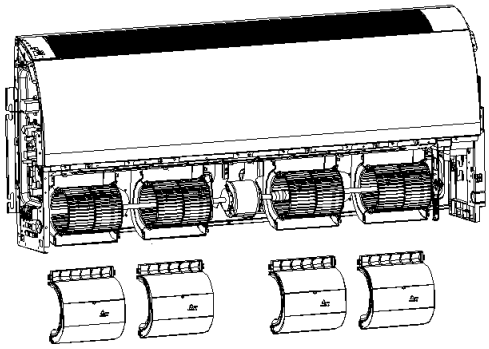
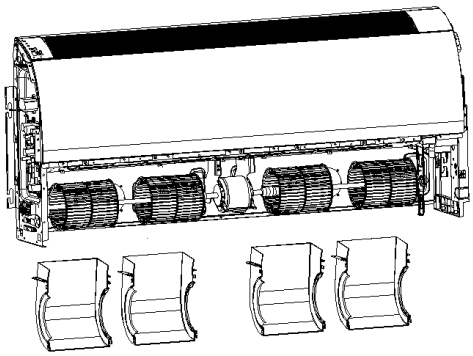
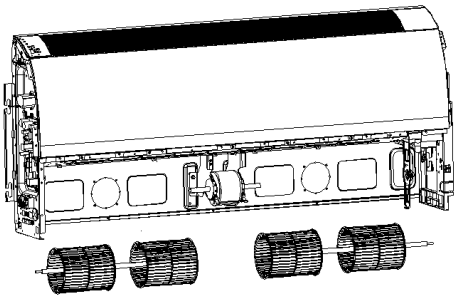
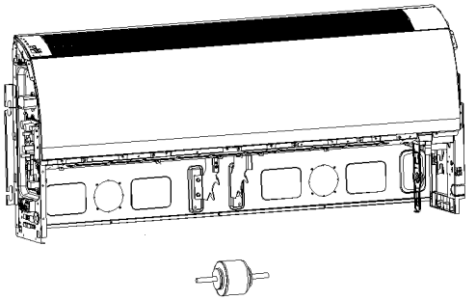
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
6. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.
7. Remove the front volute casing.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
8. Remove the centrifugal fan.		●Loosen the fasteners that connect the coupler with the motor axle and remove the centrifugal fan.
9. Remove the motor.		●Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.
10. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

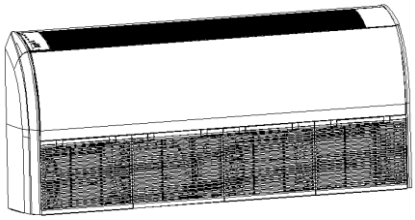
4.9.2 GMV-ND**ZD/B-T

Note:

The following steps are specific for GMV-ND140ZD/B-T units. For other units, the assembly and disassembly procedure is similar except the numbers of centrifugal fans and motors.

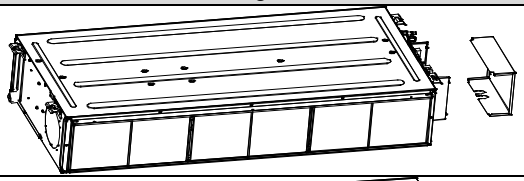
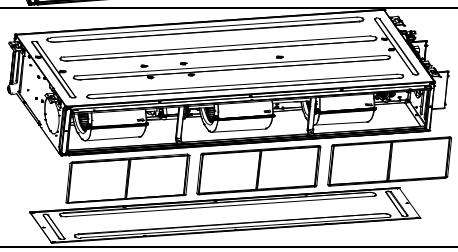
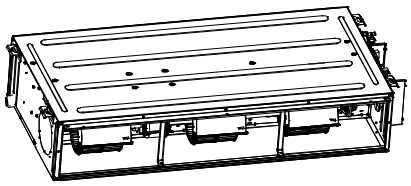
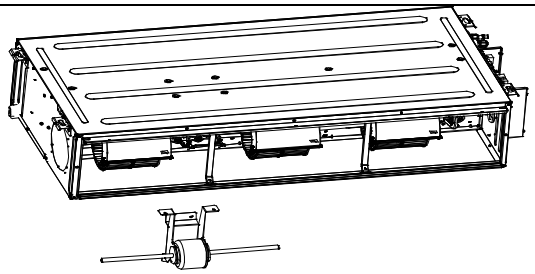
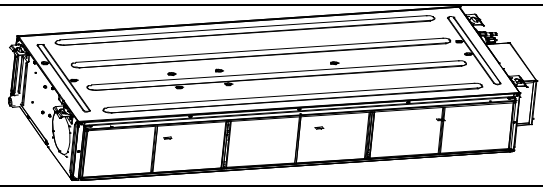
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the air return grille.		●Loosen the fasteners of the air return grille and then remove the grille.
2. Remove the left and right cover plates.		●Use a screwdriver to unscrew the left and right cover plates and then remove the cover plates.
3. Remove the electric box cover and the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
4. Remove the limit board.		●Use a screwdriver to unscrew the limit board and then remove the board.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
5. Remove the rear connecting board.		●Use a screwdriver to unscrew the rear connecting board and them remove the board.
6. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.
7. Remove the front volute casing.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
8. Remove the centrifugal fan.		●Loosen the fasteners that connect the coupler with the motor axle and remove the centrifugal fan.
9. Remove the motor.		●Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.

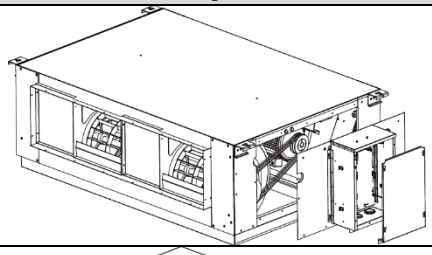
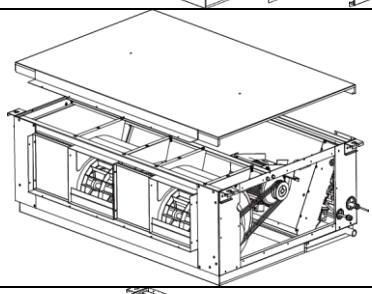
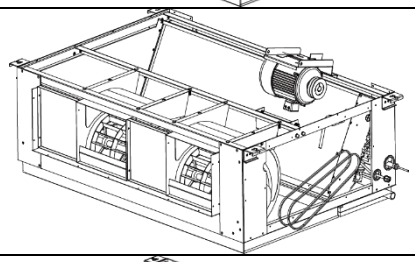
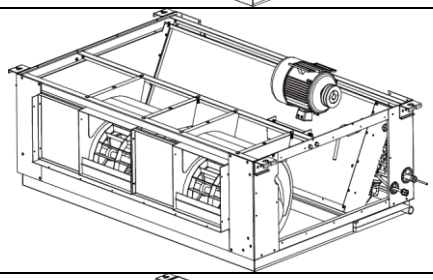
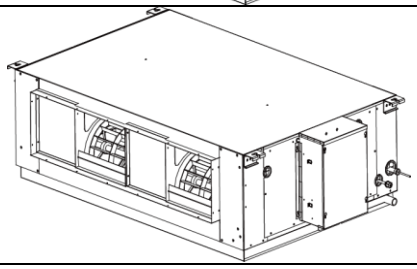
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
10. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.10 Fresh air Processing Unit

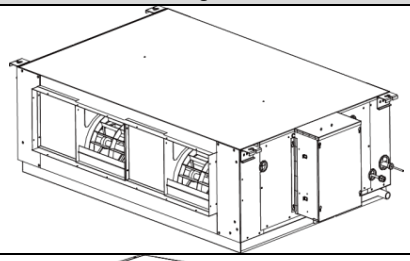
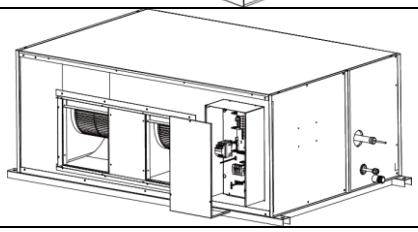
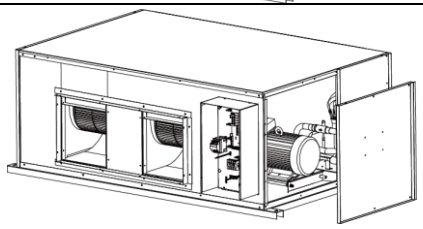
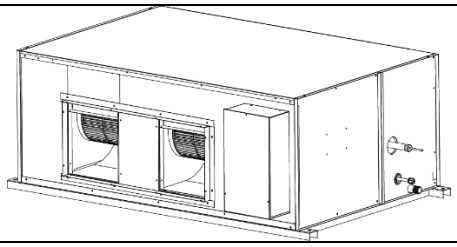
GMV-NX140P/A (X1.2)-K:

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Remove the filter. And the air return cover plate.		●Remove the filter from the air return frame. ●Use a screwdriver to unscrew the air return cover plate.
3. Remove the rear propeller housing and Remove the front propeller housing.		●Loosen the fasteners that connect the rear propeller housing with the front propeller housing and remove the rear propeller housing. ●Use a screwdriver to unscrew the front propeller housing and then remove the propeller housing.
4. Remove the motor.		●Remove the motor from the support and remove the louver from the motor axle. Then, remove the motor.
5. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

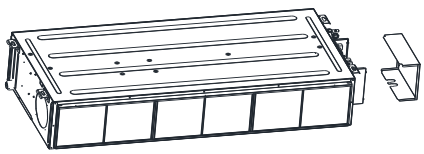
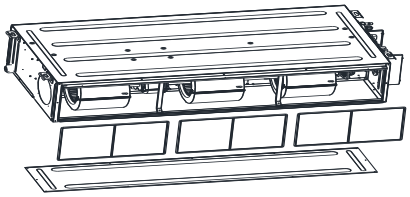
GMV-NX224P/A(X2.0)-M, GMV-NX280P/A(X2.5)-M, GMV-NX280P/A(X3.0)-M:

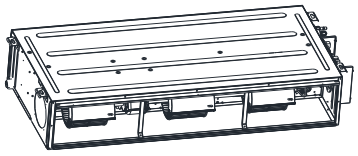
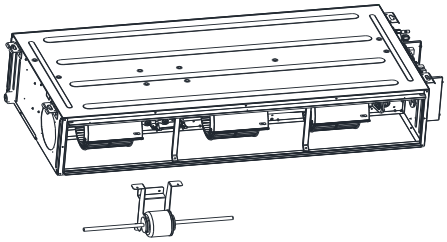
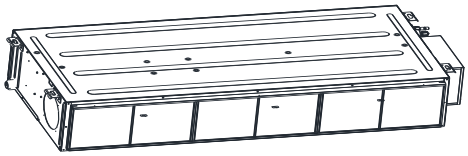
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1.Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Remove the cover plate assembly		●Use a screwdriver to unscrew the bolt to fixture the cover plate.
3. loosen the strap, Remove the motor cover plate		●loosen the strap, Use a screwdriver to unscrew the bolt to fixture the cover plate.
4. Remove the motor.		●Remove the motor from the support and remove the louver from the motor axle. Then, remove the motor.
5.Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

GMV-NX450P/A(X4.0)-M:

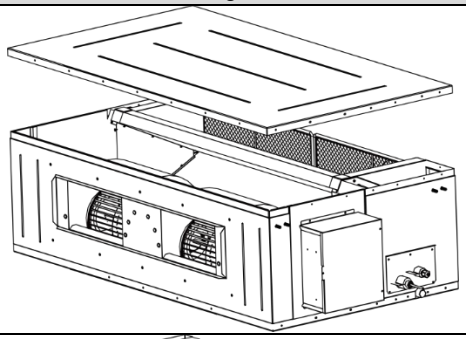
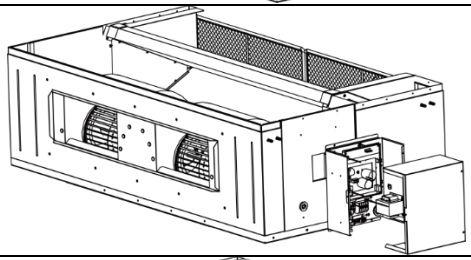
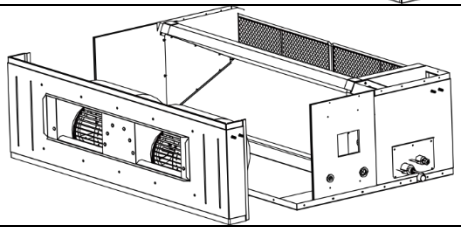
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Remove the cover plate assembly		●Use a screwdriver to unscrew the bolt to fixture the cover plate
3. Remove the motor.		●Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well
4.Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

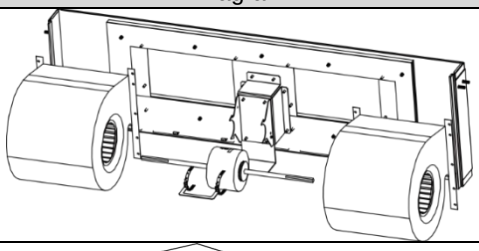
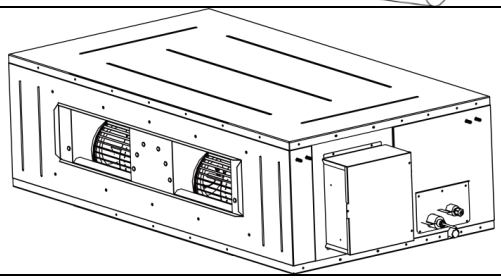
GMV-NDX125P/A-T, GMV-NDX140P/A-T:

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Remove the filter. And the air return cover plate.		●Remove the filter from the air return frame. ●Use a screwdriver to unscrew the air return cover plate.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
3. Remove the rear propeller housing and Remove the front propeller housing.		●Loosen the fasteners that connect the rear propeller housing with the front propeller housing and remove the rear propeller housing. ●Use a screwdriver to unscrew the front propeller housing and then remove the propeller housing.
4. Remove the motor.		●Remove the motor from the support and remove the louver from the motor axle. Then, remove the motor.
5. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

GMV-NDX224P/A-T, GMV-NDX250P/A-T, GMV-NDX280P/A-T:

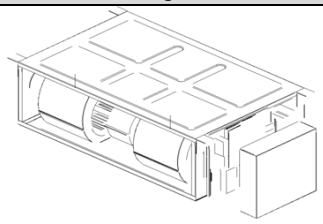
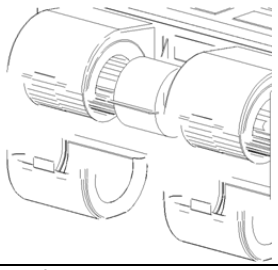
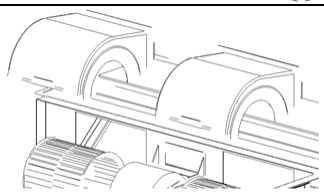
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the cover plate component.		●Use a screwdriver to unscrew the cover plate component.
2. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
3. Disassemble the centrifugal fan.		●Use a screwdriver to unscrew the centrifugal fan.

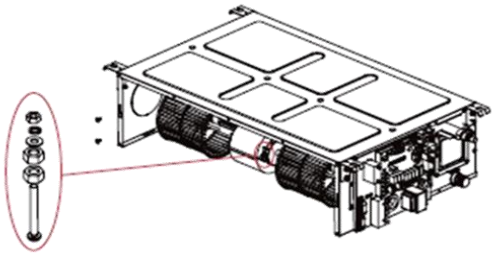
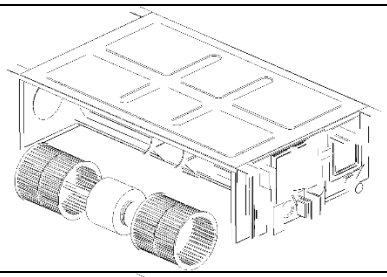
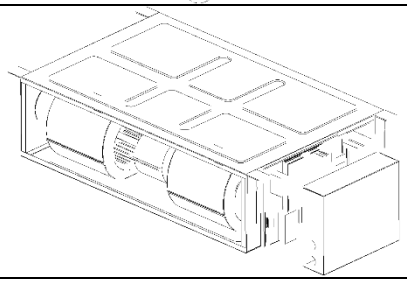
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
4. Remove the centrifugal fan.		●Use a hexagon to unscrew the centrifugal fan and remove the centrifugal louver from the motor axle.
5. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.11 Slim Duct Type

Note:

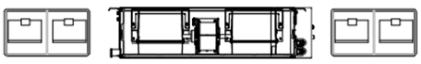
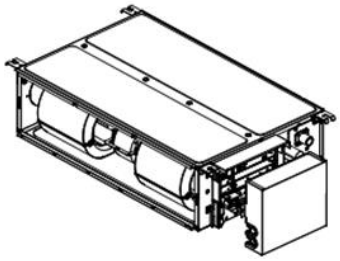
The following steps are specific for GMV-ND22PL/B-T units. For other units, the assembly and disassembly procedure is similar except the numbers of louvers and motors.

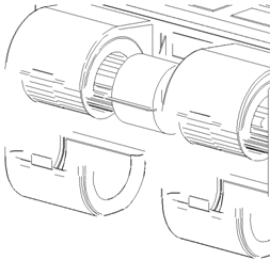
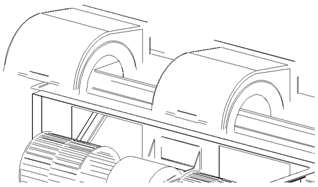
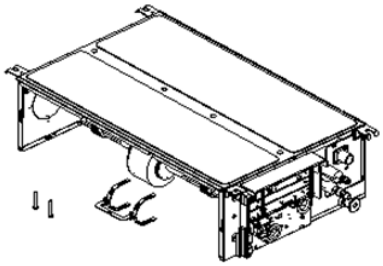
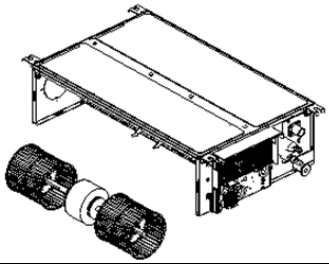
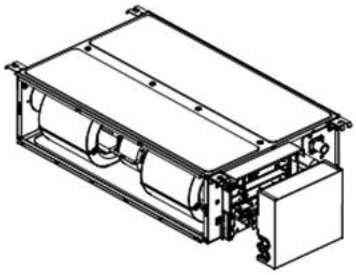
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the cover plate of the electric box.		●Disconnect the power supply of the IDUs, use a screwdriver to unscrew the cover plate of the electric box, and then remove the line connecting to the motor.
2. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.
3. Remove the front volute casing.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
4. Remove the louver and motor.		●Use a screwdriver to unscrew the louver and loosen the fasteners of the motor.
5. Install a new motor.		●Remove the motor from the support and remove the louver from the motor. Then, remove the motor. ●Install a new motor.
6. Install units in a reverse order of this procedure.		●Assemble units based on the reverse order of this procedure and power on the units for test.

Note:

The following steps are specific for GMV-ND22PLS/C-T units. For other units, the assembly and disassembly procedure is similar except the numbers of louvers and motors.

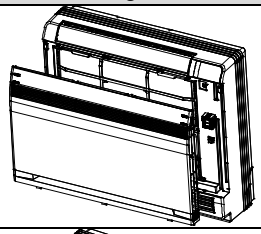
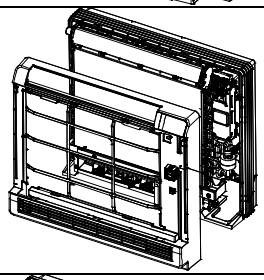
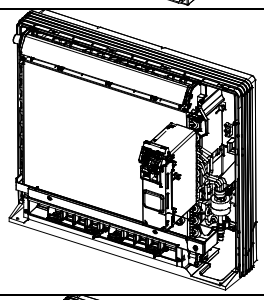
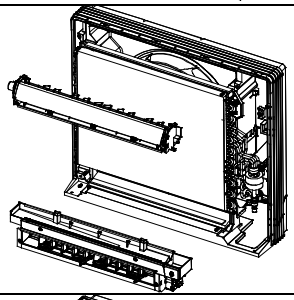
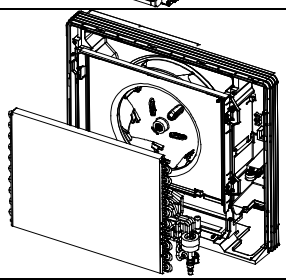
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the air return filter.		●Draw the air return filter to both sides respectively at the return air inlet.
2. Remove the cover plate of the electric box.		●Disconnect the power supply of the IDUs, use a screwdriver to unscrew the cover plate of the electric box, and then remove the line connecting to the motor.

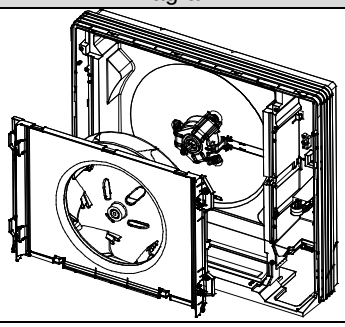
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
3. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.
4. Remove the front volute casing.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
5. Remove the louver and motor.		●Use a screwdriver to unscrew the louver and loosen the fasteners of the motor.
6. Install a new motor.		●Remove the motor from the support and remove the louver from the motor. Then, remove the motor. ●Install a new motor.
7. Install units in a reverse order of this procedure.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.12 Console Type Indoor Unit

Note:

The following steps are specific for GMV-ND22C/A-T units. For other units, the assembly and disassembly procedure is similar except the numbers of louvers and motors.

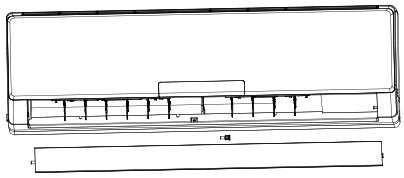
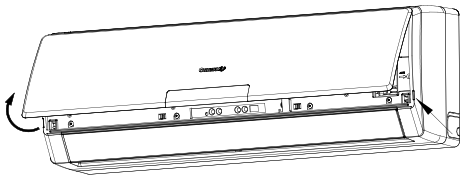
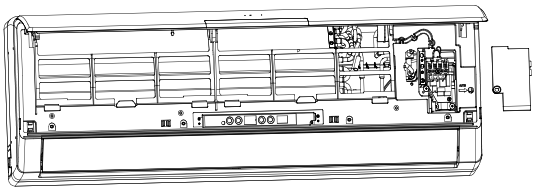
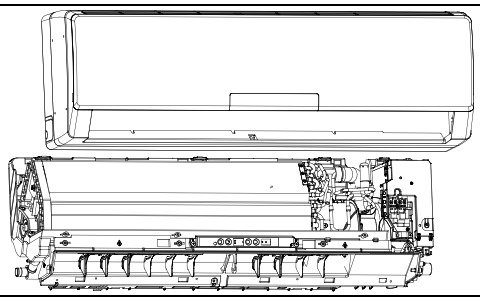
Removal of Fan Motor		
Remark: before removing, making sure power is disconnected.		
Step	Diagram	Operation Procedure
1. Open the panel		●Press clasps at both sides to “OPEN” position.
2. Remove filter and front case		●Remove 5 screws fixing the front case.
3. Remove electric box		●Open electric box cover, loosen all connection wires and then remove screws.
4. Remove water tray and swing motor		●Remove 2 screws fixing water tray and swing motor respectively.
5. Remove evaporator		●Remove the fixer fixing the evaporator, press 2 clasps at left side and then remove the evaporator.

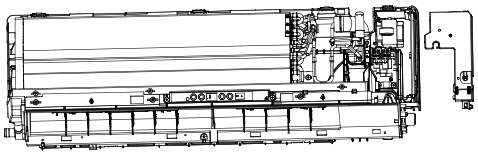
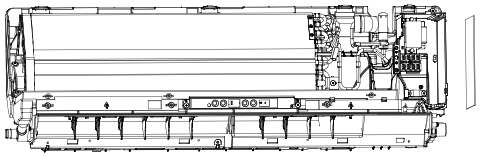
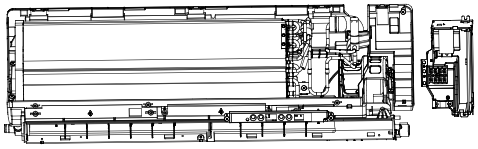
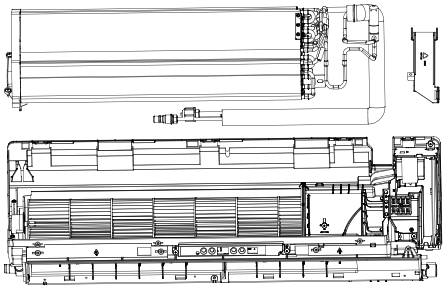
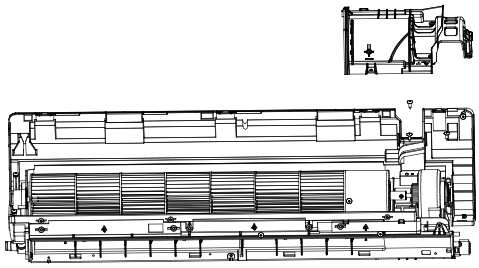
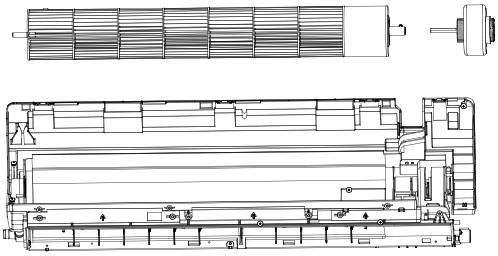
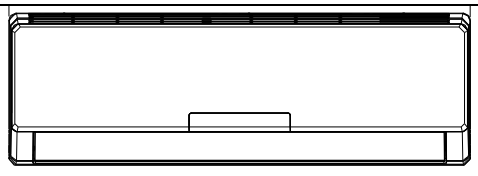
Removal of Fan Motor		
Remark: before removing, making sure power is disconnected.		
Step	Diagram	Operation Procedure
6. Remove reversion loop and centrifugal blade		●Remove 4 screws fixing the reversion loop and then remove the reversion loop' remove nuts on blade and then remove the centrifugal blade.

4.13 Wall Mounted Type Indoor Unit

Note:

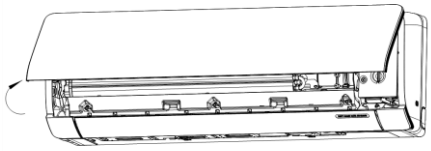
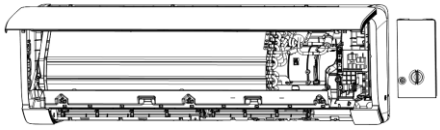
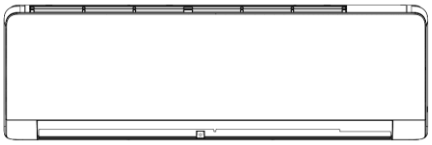
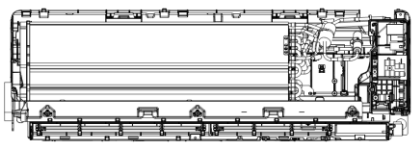
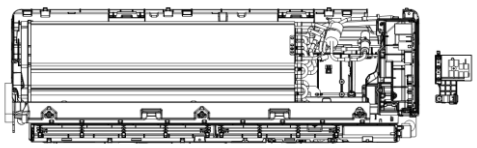
The following steps are specific for GMV-N22G/A3A-K units. For other units, the assembly and disassembly procedure is similar except the numbers of louvers and motors.

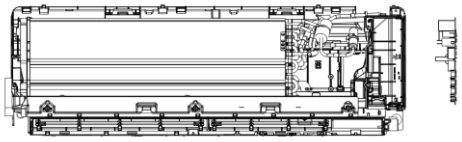
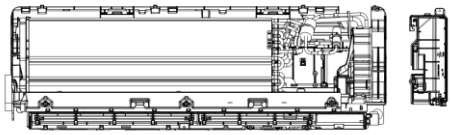
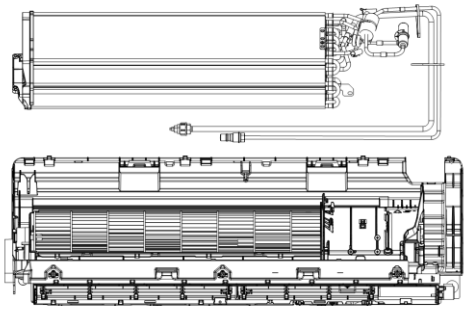
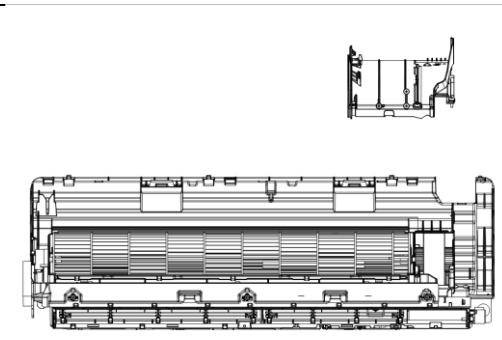
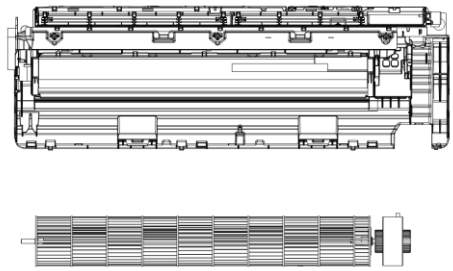
Removal of Fan Motor		
Remark: before removing, making sure power is disconnected.		
Step	Diagram	Operation Procedure
1. Remove the louver		●Take off the axle bush of the louver. ●Remove the louver.
2. Open the front panel		●Hold the indents on both sides of the panel and pull it out in the direction shown by the arrow.
3. Remove the electrical box cover 2		●Unscrew the screws fixing the electrical box cover with a screwdriver. Take off the box cover 2. ●Detach the ambient temperature sensor from the conduit.
4. Remove the front panel assembly		●Unscrew the screws fixing the front panel assembly. ●Remove the front panel assembly.

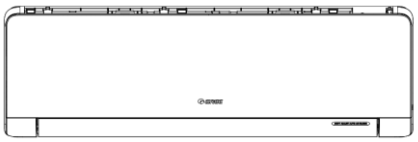
Removal of Fan Motor		
Remark: before removing, making sure power is disconnected.		
Step	Diagram	Operation Procedure
5. Remove the electrical box cover 1		●Press on the buckle of the box cover 1 and then take off the cover.
6. Remove the main board		●Release the wiring terminals connected to the main board. ●Remove the main board.
7. Remove the electrical box		●Unscrew the screws fixing the electrical box with a screwdriver. ●Remove the electrical box.
8. Remove the evaporator		●Use a screwdriver to unscrew the screws fixing the press plate of connection pipe on the back of the unit and take off the press plate. ●Unscrew the screws of evaporator with a screwdriver and then remove the evaporator.
9.Remove motor's pressing plate		●Unscrew the fixing screws of the pressing plate with a screwdriver and then remove it.
10. Remove the motor and fan		●Take off the motor and fan directly. ●Use a screwdriver to unscrew the screws connecting the motor and the fan.
11. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

Note:

The following steps are specific for GMV-ND15G/A1C-T units. For other units, the assembly and disassembly procedure is similar except the numbers of louvers and motors.

Removal of Fan Motor		
Remark: before removing, making sure power is disconnected.		
Step	Diagram	Operation Procedure
1. Remove the louver		●Take off the axle bush of the louver. ●Remove the louver.
2. Open the front panel		●Hold the indents on both sides of the panel and pull it out in the direction shown by the arrow.
3. Remove the electrical box cover 2		●Unscrew the screws fixing the electrical box cover with a screwdriver. Take off the box cover 2. ●Detach the ambient temperature sensor from the conduit.
4. Remove the front panel assembly	 	●Unscrew the screws fixing the front panel assembly. ●Remove the front panel assembly.
5. Remove the electrical box cover 1		●Press on the buckle of the box cover 1 and then take off the cover.

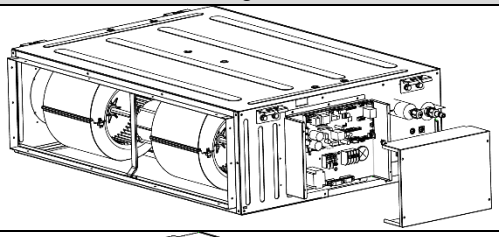
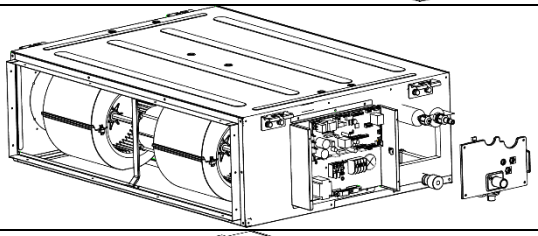
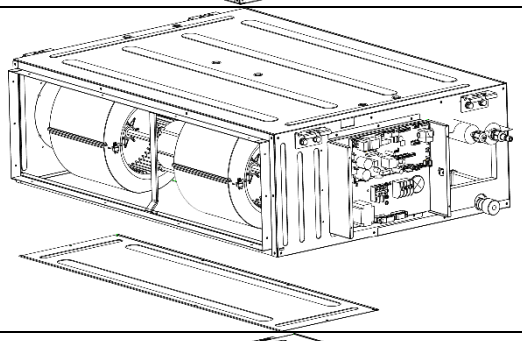
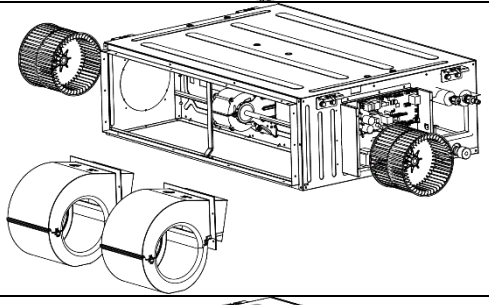
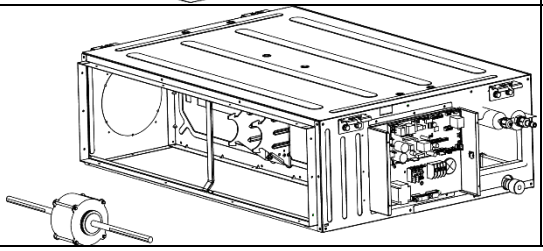
Removal of Fan Motor		
Remark: before removing, making sure power is disconnected.		
Step	Diagram	Operation Procedure
6. Remove the main board		●Release the wiring terminals connected to the main board. Remove the main board.
7. Remove the electrical box		●Unscrew the screws fixing the electrical box with a screwdriver. Remove the electrical box.
8. Remove the evaporator		●Use a screwdriver to unscrew the screws fixing the press plate of connection pipe on the back of the unit and take off the press plate. ●Unscrew the screws of evaporator with a screwdriver and then remove the evaporator.
9.Remove motor's pressing plate		●Unscrew the fixing screws of the pressing plate with a screwdriver and then remove it.
10. Remove the motor and fan		●Take off the motor and fan directly. ●Use a screwdriver to unscrew the screws connecting the motor and the fan.

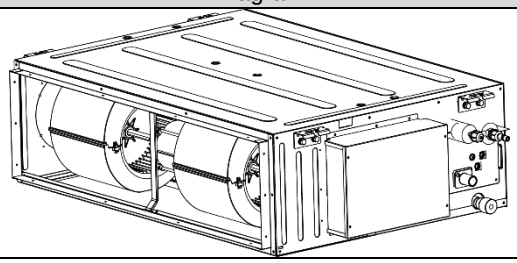
Removal of Fan Motor		
Remark: before removing, making sure power is disconnected.		
Step	Diagram	Operation Procedure
11. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.14 Super High Static Pressure Duct Type Indoor Unit

Note:

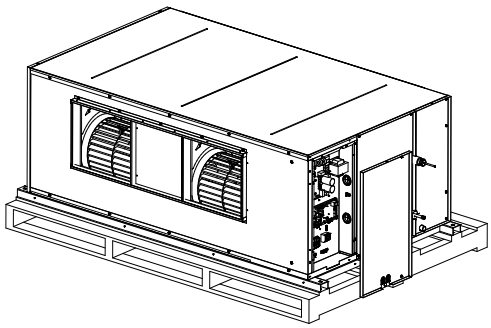
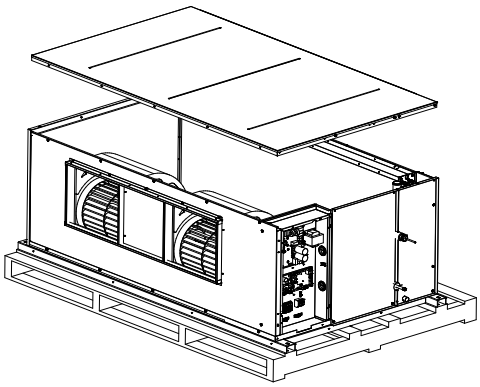
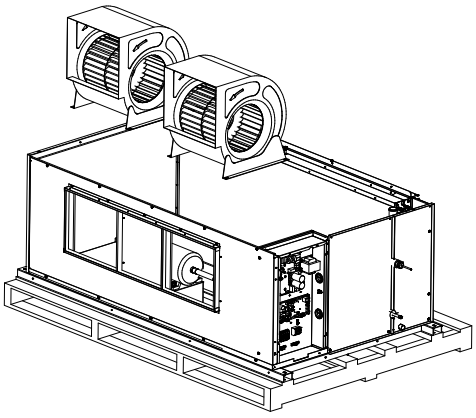
The following steps are specific for GMV-ND22PHS/B-T units. For other units, the assembly and disassembly procedure is similar except the specifications of centrifugal fans and motors.

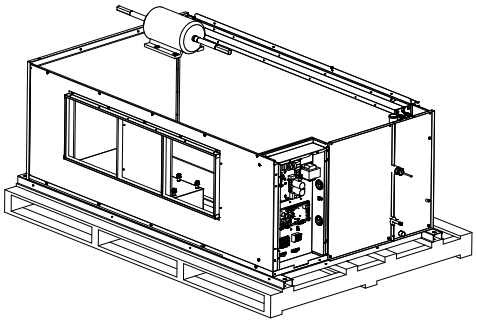
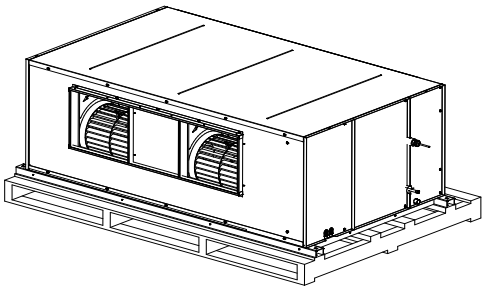
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Disassemble the seal plate and cover plate.		●Use a screwdriver to unscrew the seal plate and cover plate and then remove them.
3. Remove the grille		●Use a screwdriver to unscrew the cover plate component.
4. Remove the centrifugal fan.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
5. Remove the motor.		Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
6. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

Note:

The following steps are specific for GMV-ND450PH/AR-X units. For other units, the assembly and disassembly procedure is similar except the specifications of centrifugal fans and motors.

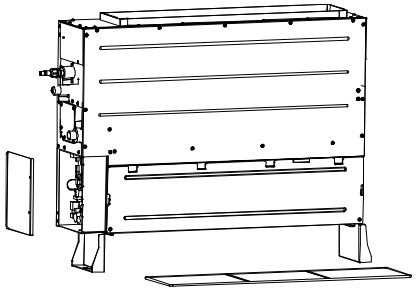
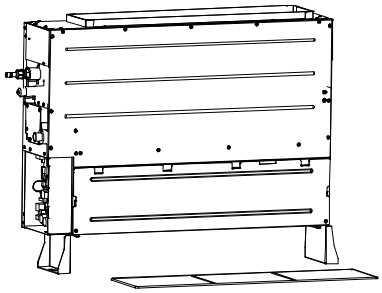
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Disassemble the cover plate.		●Use a screwdriver to unscrew the cover plate and then remove them.
3. Remove the centrifugal fan.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.

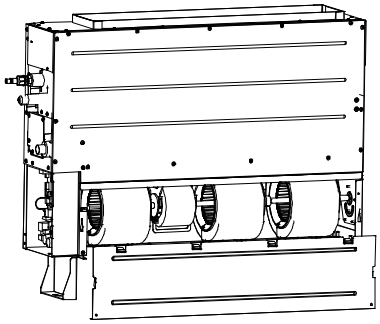
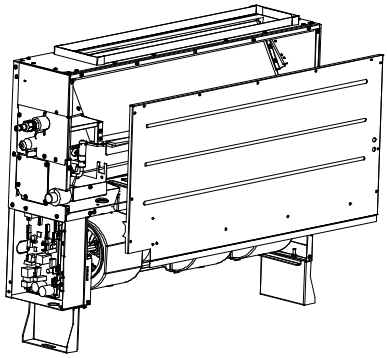
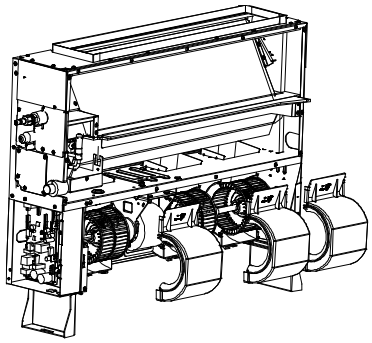
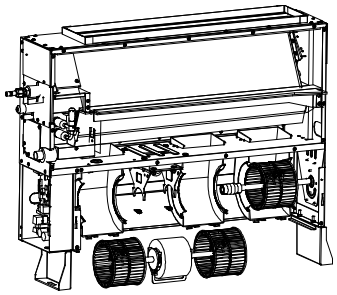
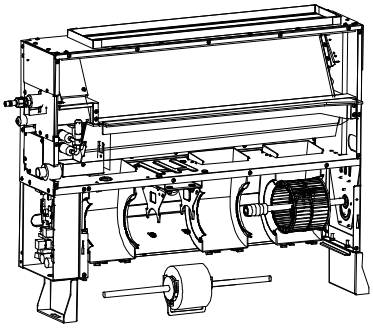
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
4. Remove the motor.		Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.
5. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

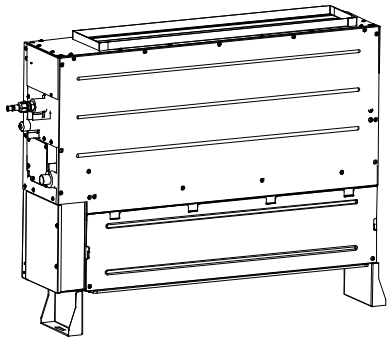
4.15 Concealed Floor Standing Type

Note:

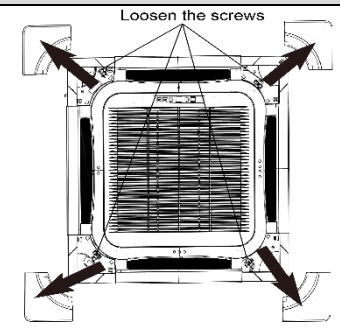
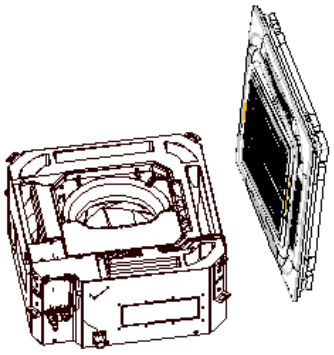
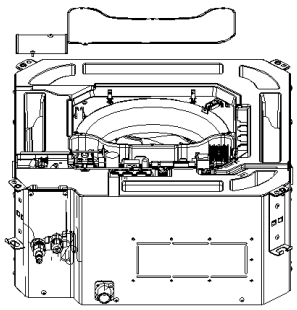
The following steps are specific for GMV-ND56ZA/A-T units. For other units, the assembly and disassembly procedure is similar except the specifications of centrifugal fans and motors.

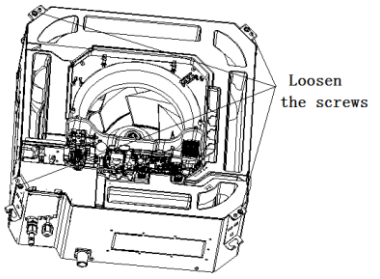
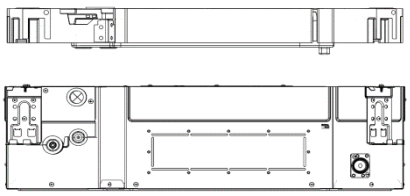
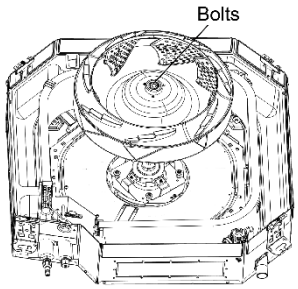
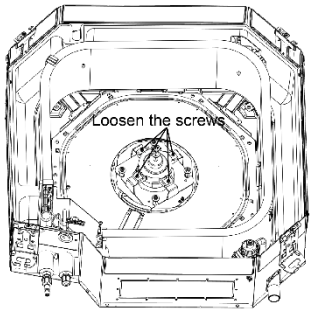
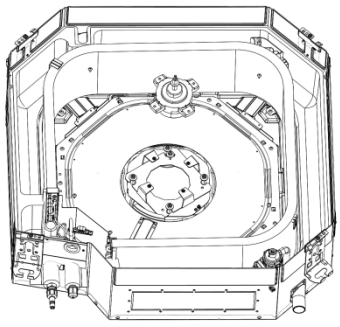
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Remove the filter.		●Remove the filter from the air return frame.

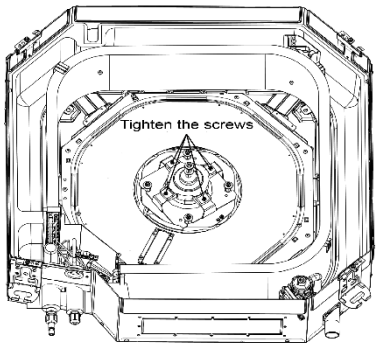
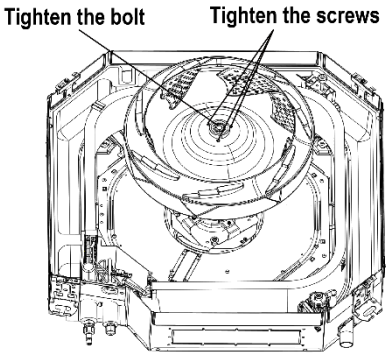
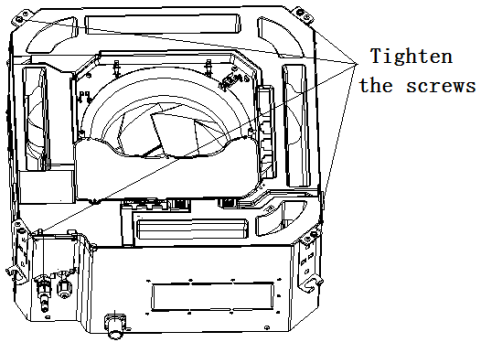
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
3. Remove the air return cover plate.		●Use a screwdriver to unscrew the air return cover plate.
4. Remove the bottom cover plate.		●Use a screwdriver to unscrew the air return cover plate.
5. Remove the rear volute casing.		●Loosen the fasteners that connect the rear volute casing with the front volute casing and remove the rear volute casing.
6. Loosen the centrifugal fan and motor.		●Use a hexagon to unscrew the centrifugal fan and loosen the fasteners of the motor.
7. Remove the motor.		●Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
8. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.16 360°Air Discharge Cassette Type

Motor and fan		
Step	Diagram	Operation Procedure
1. Remove the front panel.	 	●Turn off the power supply of indoor unit. ●Push the 4 corner plates in the directions shown by the arrows. ●Loosen the screws and remove the front panel.
2. Remove the cover of electric box and the clamp of power cord.		●Remove the motor wire and water pump of the electric box.

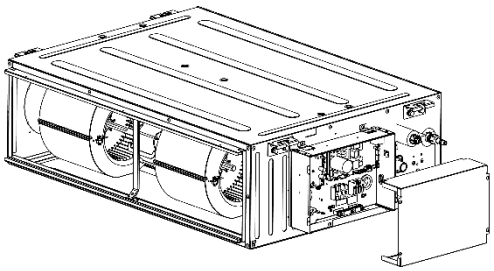
Motor and fan		
Step	Diagram	Operation Procedure
3. Remove the water tray.	 	●Loosen the screws in the 4 corners and then remove the water tray.
4. Remove the fan.		●Use a screwdriver to remove the clamping band of motor. Then remove the fan.
5. Remove motor.	 	●Use a screwdriver to unscrew the 4 screws of motor. Then remove the motor.

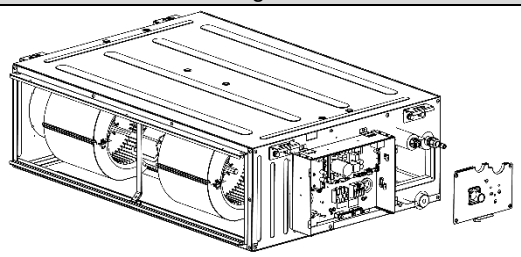
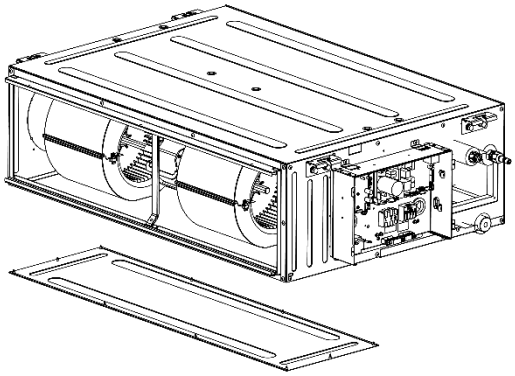
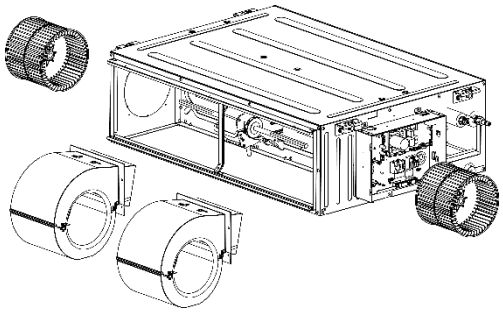
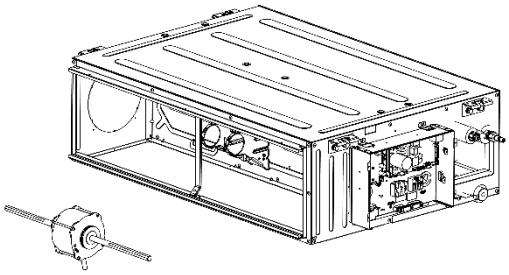
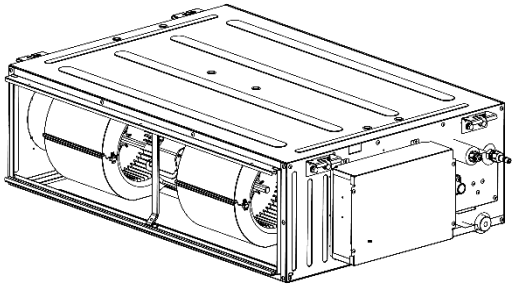
Motor and fan		
Step	Diagram	Operation Procedure
6. Replace and install the motor.		●Remove the motor from motor support and then replace with a new motor. ●Tighten the 4 screws of motor with a screwdriver.
7. Install the fan.		●Direct the hole of fan to the motor shaft and then mount on the fan. ●Tighten the clamping band of motor with a wrench.
8. Install the water tray.		●Direct the 4 corners of water tray to the 4 corners of the unit and then press them. Use a screwdriver to tighten the screws in the 4 corners. ●Connect the power cord and water pump wire. ●Place back the cover of electric box and the clamp of power cord. Then tighten the screws with a screwdriver.

4.17 High Static Pressure Duct Type Indoor Unit

Note:

The following steps are specific for GMV-ND80PHS/D-T units. For other units, the assembly and disassembly procedure is similar except the specifications of centrifugal fans and motors.

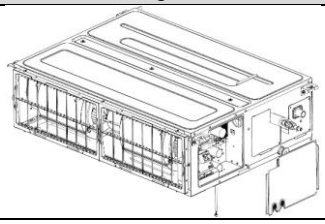
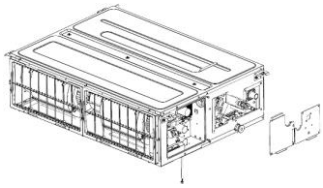
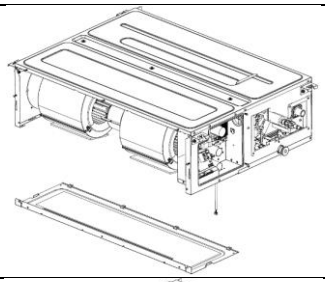
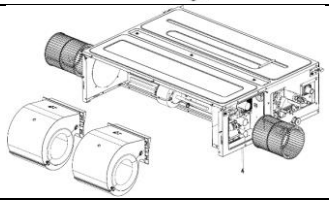
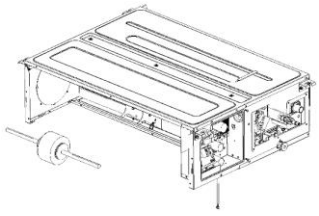
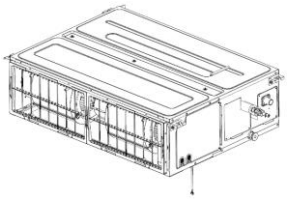
Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
2. Disassemble the seal plate and cover plate.		●Use a screwdriver to unscrew the seal plate and cover plate and then remove them.
3. Remove the grille		●Use a screwdriver to unscrew the cover plate component.
4. Remove the centrifugal fan.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
5. Remove the motor.		Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.
6. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

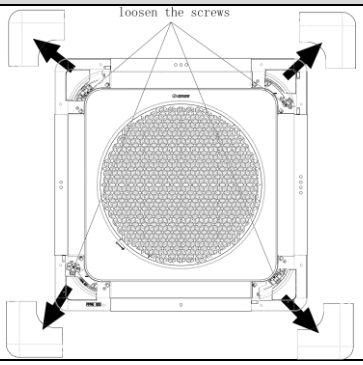
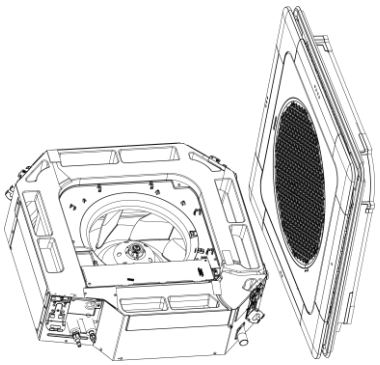
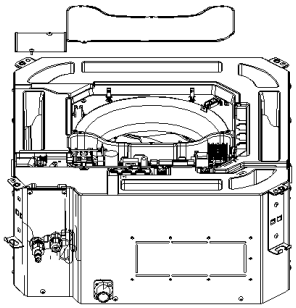
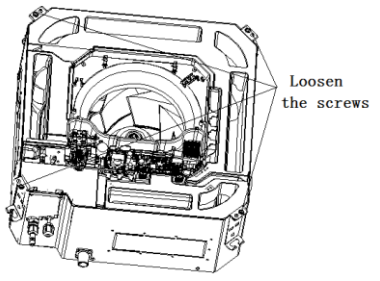
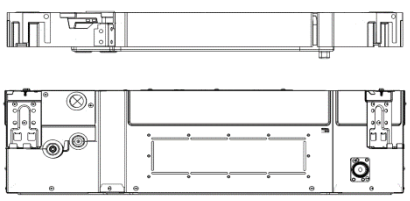
4.18 Middle Static Pressure Duct Type Indoor Unit

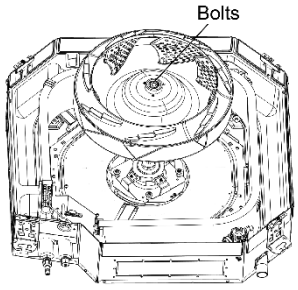
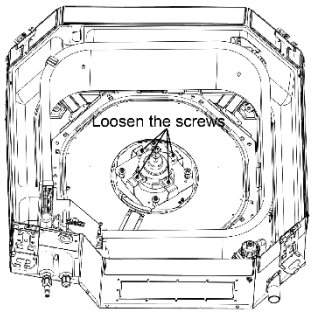
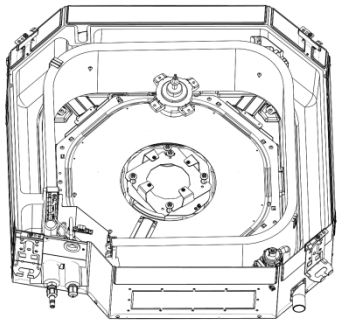
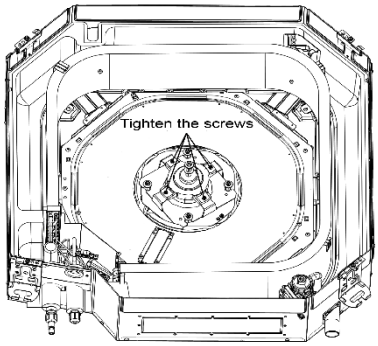
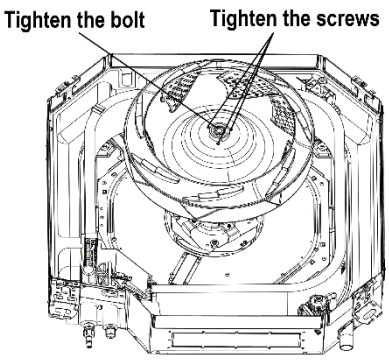
Note:

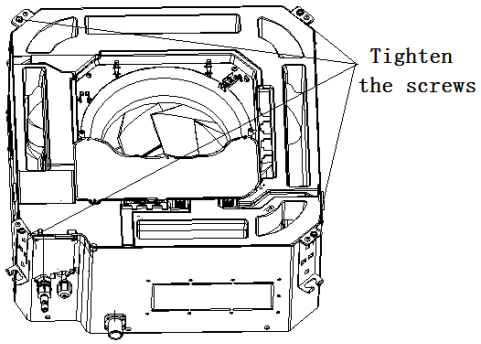
The following steps are specific for GMV-ND71PMS/A1-T units. For other units, the assembly and disassembly procedure is similar except the specifications of centrifugal fans and motors.

Motor and fan		
Precondition: The power supply has been disconnected.		
Step	Diagram	Operation Procedure
1. Remove the line connecting to the motor.		●Use a screwdriver to unscrew the electric box cover. ●Remove from the master board the line connecting to the motor and remove the tie.
2. Disassemble the seal plate and cover plate.		●Use a screwdriver to unscrew the seal plate and cover plate and then remove them.
3. Remove the grille		●Use a screwdriver to unscrew the cover plate component.
4. Remove the centrifugal fan.		●Use a screwdriver to unscrew the front volute casing and then remove the volute casing.
5. Remove the motor.		Remove the motor from the support and remove the centrifugal fan from the motor axle. Then, remove the motor. ●For motors that are accompanied with supports, the supports need removing as well.
6. Install a new motor.		●Assemble units based on the reverse order of this procedure and power on the units for test.

4.19 3D Airflow Cassette Type

Motor and fan		
Step	Diagram	Operation Procedure
1. Remove the front panel.	 	●Turn off the power supply of indoor unit. ●Push the 4 corner plates in the directions shown by the arrows. ●Loosen the screws and remove the front panel.
2. Remove the cover of electric box and the clamp of power cord.		●Remove the motor wire and water pump of the electric box.
3. Remove the water tray.	 	●Loosen the screws in the 4 corners and then remove the water tray.

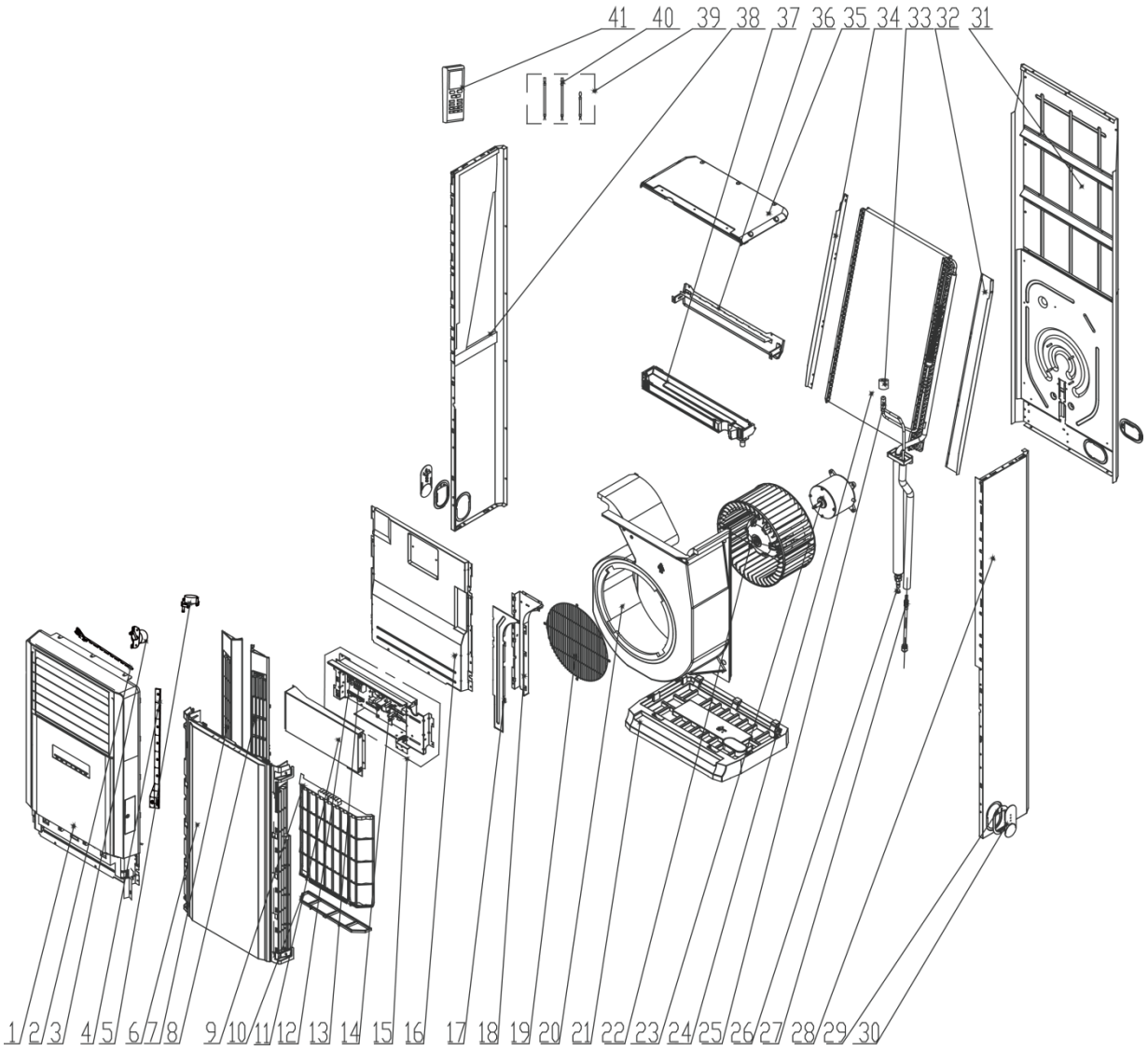
Motor and fan		
Step	Diagram	Operation Procedure
4. Remove the fan.		●Use a screwdriver to remove the clamping band of motor. Then remove the fan.
5. Remove motor.	 	●Use a screwdriver to unscrew the 4 screws of motor. Then remove the motor.
6. Replace and install the motor.		●Remove the motor from motor support and then replace with a new motor. ●Tighten the 4 screws of motor with a screwdriver.
7. Install the fan.		●Direct the hole of fan to the motor shaft and then mount on the fan. ●Tighten the clamping band of motor with a wrench.

Motor and fan		
Step	Diagram	Operation Procedure
8. Install the water tray.		●Direct the 4 corners of water tray to the 4 corners of the unit and then press them. Use a screwdriver to tighten the screws in the 4 corners. ●Connect the power cord and water pump wire. ●Place back the cover of electric box and the clamp of power cord. Then tighten the screws with a screwdriver.

5 Exploded Views and Part List

5.1 Floor Standing Type

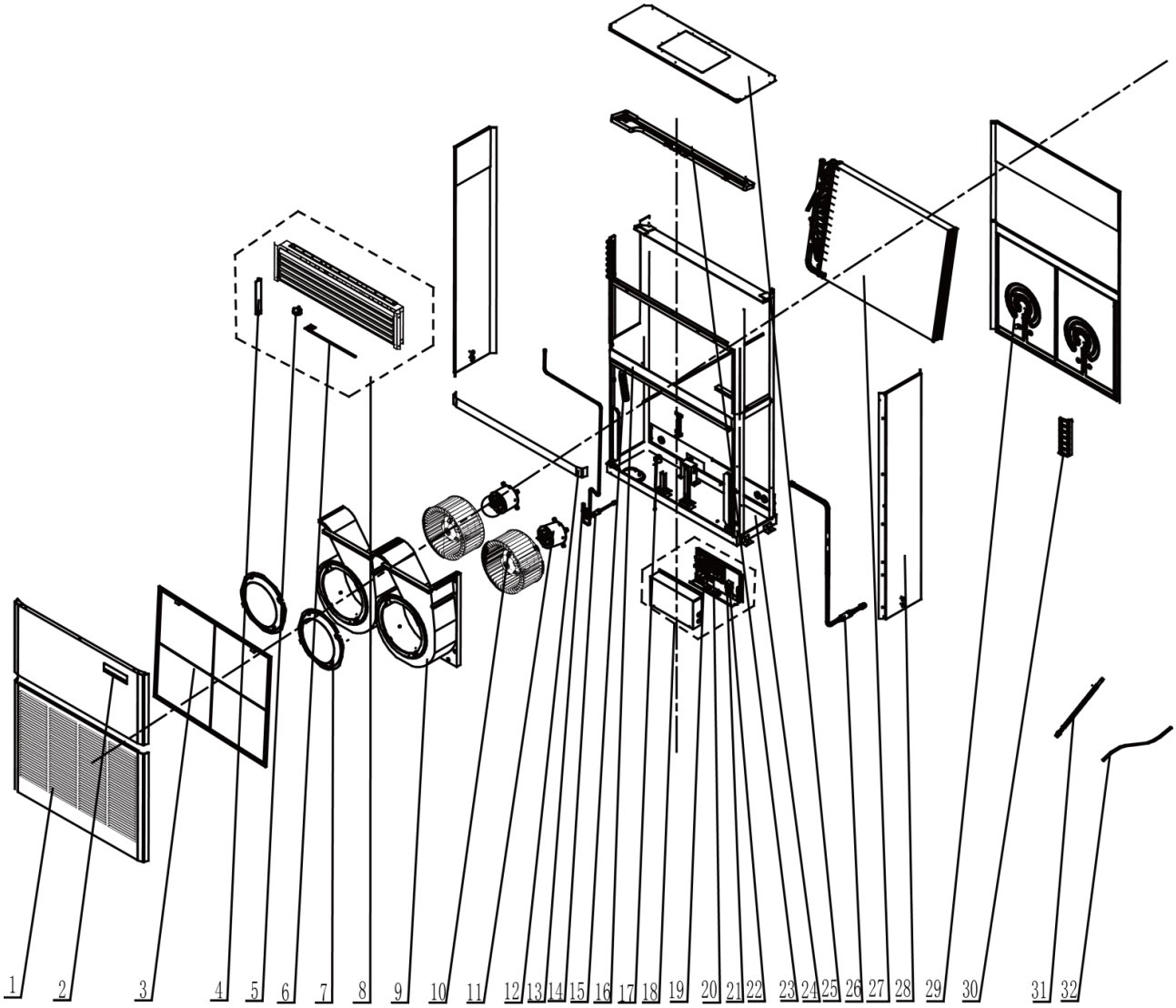
Exploded View of GMV-ND100L/A-T, GMV-ND140L/A-T:



No.	Model	GMV-ND100L/A-T	GMV-ND140L/A-T	Qty
	Product Code	CM300N0060	CM300N0070	
	Part Name	Part Code	Part Code	
1	Air Outlet Panel Assy	20004505	20004505	1
2	Swing Lever	10584218	10584218	1
3	Stepping Motor	15214005	15214005	1
4	Guide blade Lever	10584089	10584089	1
5	Stepping Motor	1521400803	1521400803	1
6	Air Intake Panel Assy	20004536	20004536	1
7	Left Side board	0130451901	0130430401	1
8	Right Side Plate of Air Inlet	0130451801	0130430301	1
9	Filter Sub-Assy(Upper)	11124100	11124100	1
10	Filter(Lower)	11124012	11124012	2
11	Electric Box Cover Sub-Assy	01404388	01404388	1
12	Terminal Board	42010259	42010259	1
13	Terminal Board	4201800002601	4201800002601	1
14	Main Board	30226000004	30226000004	1
15	Electric Box Assy	02404122	02404122	1
16	Air Guard Assy	01354100012	01354100012	1
17	Cover of Pass Wire slot	01744109	01744109	1
18	Pass Wire slot	02164010	02164010	—
19	Protective Covering	01474027	01474027	1
20	Propeller Housing	12104057	12104057	1
21	Chassis	22224020	22224020	1
22	Centrifugal Fan	10314401	10314401	1
23	Fan Motor	1501442502	1501442502	1
24	Evaporator Sub-Assy	01034024	01034054	1
25	Electronic Expansion Valve	07334468	07334468	1
26	Filter Sub-Assy	07210028	07210028	2
27	Strainer	07213050	07213050	—
28	Right Side Plate Sub-Assy	0130451801	0130451801	1
29	Rear Cover	2224422101	2224422101	3
30	Baffle Plate	2611408801	2611408801	3
31	Rear Plate Sub-Assy	01304500	01304500	1
32	Right Air Guard	01364507	01364507	1
33	Electronic Expansion Valve Fitting	4304413219	4304413219	1
34	Left Air Guard	01364506	01364506	—
35	Top Cover Sub-Assy	01364506	01364506	1
36	Breakwater Sub-Assy	01364154P	01364154P	1
37	Water Tray Sub-Assy	12314811	12314811	1
38	Left Side Plate Sub-Assy	0130451901	0130451901	—
39	Sensor Sub-Assy	39008000115G	39008000115G	1
40	Temp Sensor	34030048	34030048	1
41	Remote Controller	30510589	30510589	1

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-N280L/A-D:



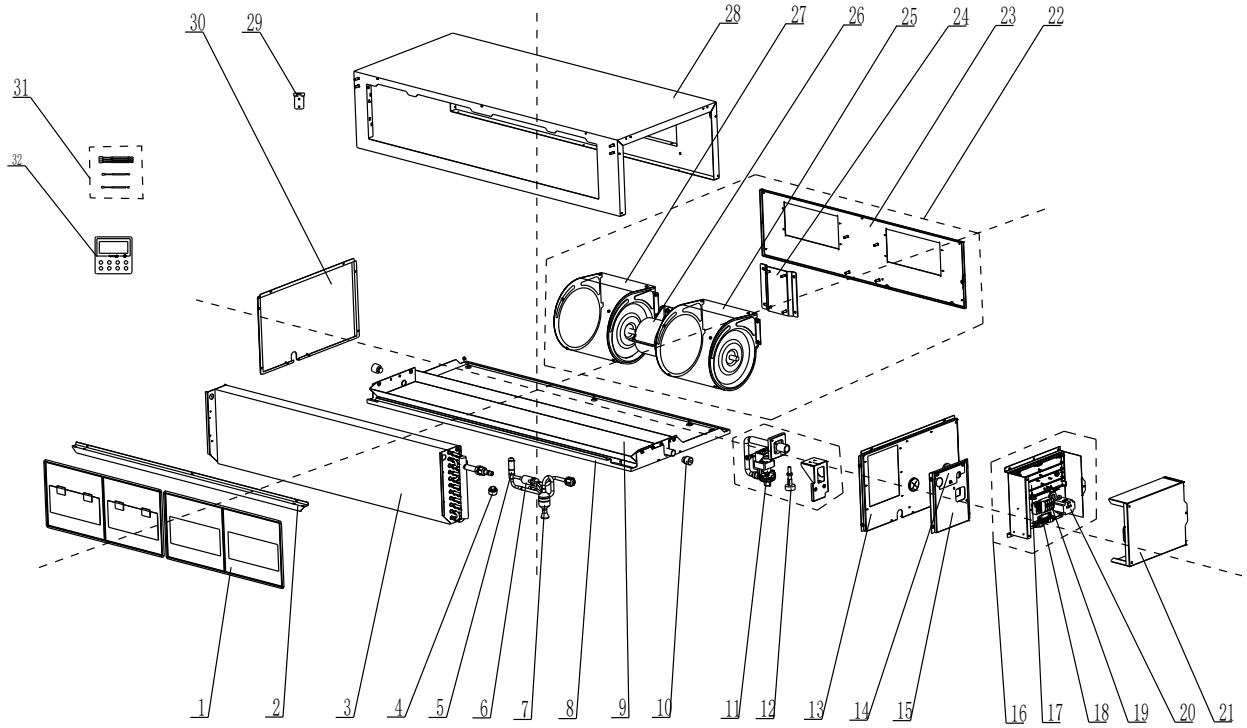
List of parts and components:

No.	Material name	QTY	Material code
1	Air intake Panel	1	01534805
2	Display Board	1	30296000044
3	Filter Sub-Assy	1	11723201
4	Air Louver	12	10514801
5	Synchronous Motor	1	15014803
6	Swing lever	2	10584801
7	Diversion Circle	2	10374435
8	Air Outlet Frame Assy	1	000141060008
9	Propeller housing Assy	2	12103202
10	Centrifugal Fan	2	10314401
11	Fan Motor	2	1501442410
12	Decorative Cover	1	26114802
13	Electronic Expansion Valve	1	072009060088
14	Bidirection Strainer	2	07220016
15	Drainage Pipe Sub-assy	1	05238201
16	Decorative Rim Sub-Assy	1	26114800

No.	Material name	QTY	Material code
17	Electric Expand Valve Fitting	1	4304413205
18	Electric Box Assy	1	100002060154
19	Capacitor CBB61S	2	3301074709
20	Main Board	1	300002060041
21	Terminal Board	1	4201800002601
22	Terminal Board	1	42000100000101
23	Water Tray Assy	1	01283231
24	Chassis Sub-assy	1	017000060029P
25	Top Cover Plate Sub-Assy	1	01254805
26	Strainer	1	07413900026
27	Evaporator Assy	1	011001060037
28	Side Plate	2	01304805
29	Rear plate assy 2	1	01313237
30	Decorative Board	2	26114803R
31	Corrugated Pipe	1	05010057
32	Drain Pipe	1	05230022

5.2 High Static Pressure Duct Type

Exploded View of GMV-ND56PHS/A-T, GMV-ND63PHS/A-T, GMV-ND71PHS/A-T, GMV-ND80PHS/A-T:

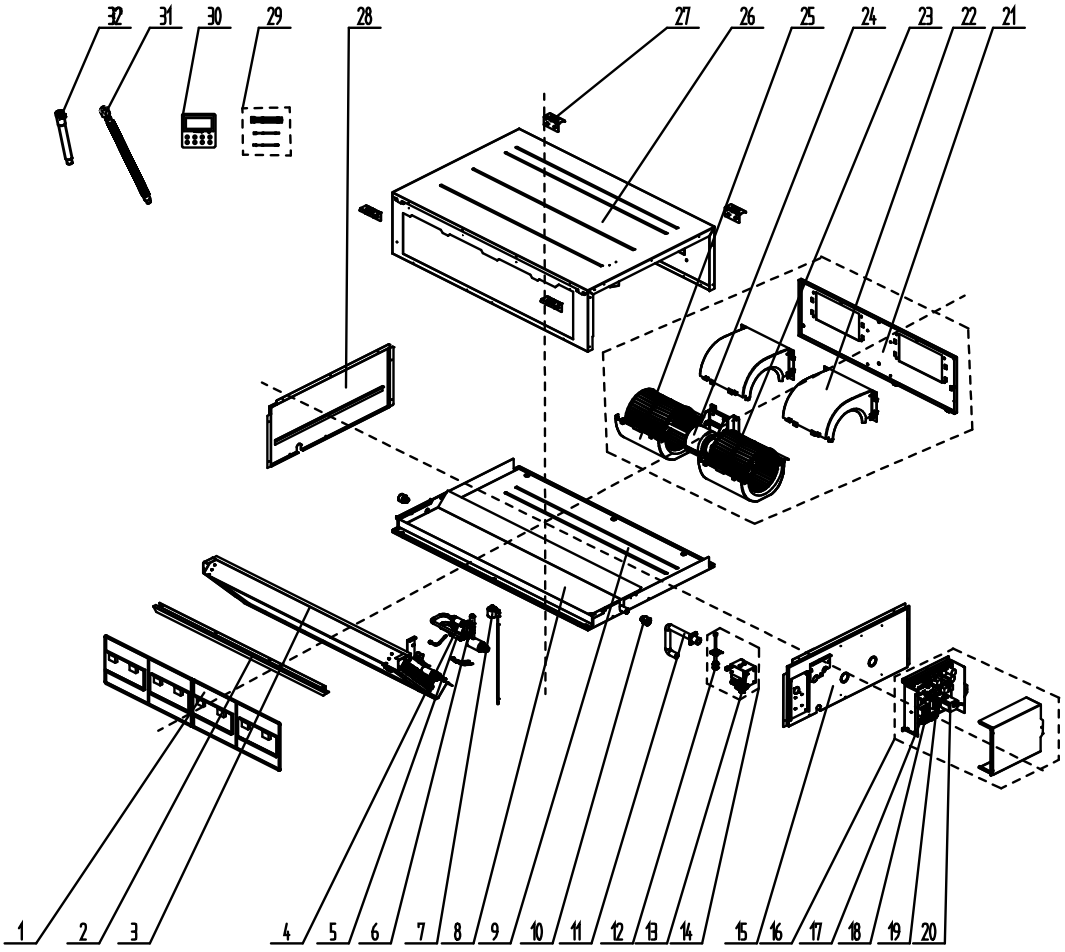


No.	Name of part
1	Filter Sub-Assy
2	Guide groove of the filter screen
3	Evaporator Assy
4	Electric Expand Valve Fitting
5	Electronic Expansion Valve
6	Strainer
7	Filter
8	Lower Cover Plate Sub-Assy
9	Water Tray Assy
10	Choke Plug of Drain Pipe
11	Water Pump
12	Water Level Switch
13	Right Side Plate
14	Seal plate
15	Cover Plate
16	Electric Box Assy
17	Main Board
18	Terminal Board
19	Terminal Board
20	Inductance
21	Electric Box Cover

No.	Name of part
22	Centrifugal fan assy
23	Blower Mounting Plate Sub-Assy
24	Supporter
25	Blower
26	Brushless DC Motor
27	Blower
28	Top Cover Board Assy
29	Hook
30	Left Side Plate Assy
31	Sensor Sub-assy
32	Display Board

Above data is subject to change without notice, pls reference the SP in global service website.

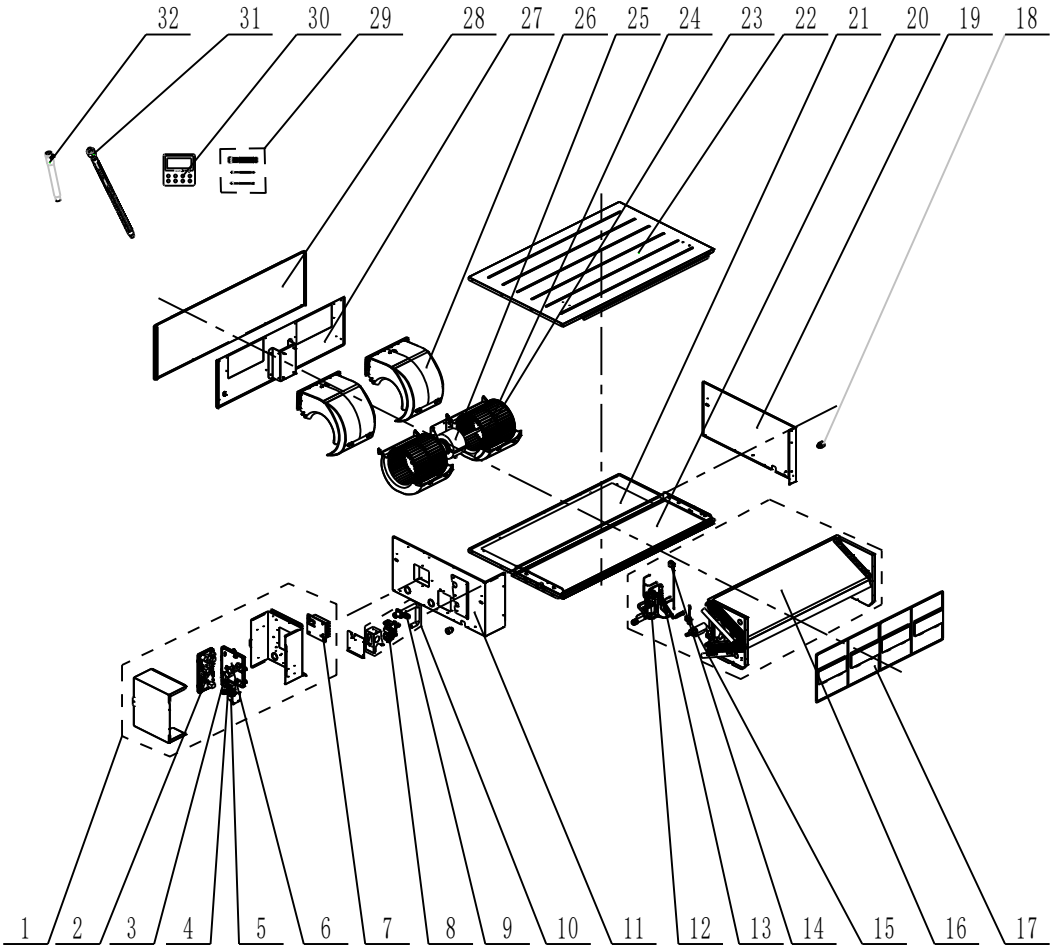
Exploded View of GMV-ND90PHS/A-T, GMV-ND100PHS/A-T, GMV-ND112PHS/A-T, GMV-ND125PHS/A-T, GMV-ND140PHS/A-T:



No.	Name of part
1	Filter Sub-Assy
2	Air Intake Side Board
3	Evaporator Assy
4	Strainer
5	Strainer
6	Electronic Expansion Valve
7	Electric Expand Valve Fitting
8	Water Tray Assy
9	Lower Cover Plate Sub-Assy
10	Choke Plug of Drain Pipe
11	Pump Drainpipe
12	Water Level Switch
13	Water Pump
14	Water Pump Assy
15	Right Side Plate Sub-Assy
16	Electric Box Assy
17	Terminal Board
18	Main Board
19	Terminal Board
20	Inductance
21	Blower Mounting Plate Sub-Assy
22	Propeller Housing(Upper)
23	Centrifugal Fan
24	Brushless DC Motor
25	Propeller Housing(Lower)
26	Top Cover Board Sub-assy
27	Hook
28	Left Side Plate Sub-Assy
29	Sensor Sub-assy
30	Display Board
31	Corrugated Pipe
32	Drain Hose

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND160PHS/A-T:

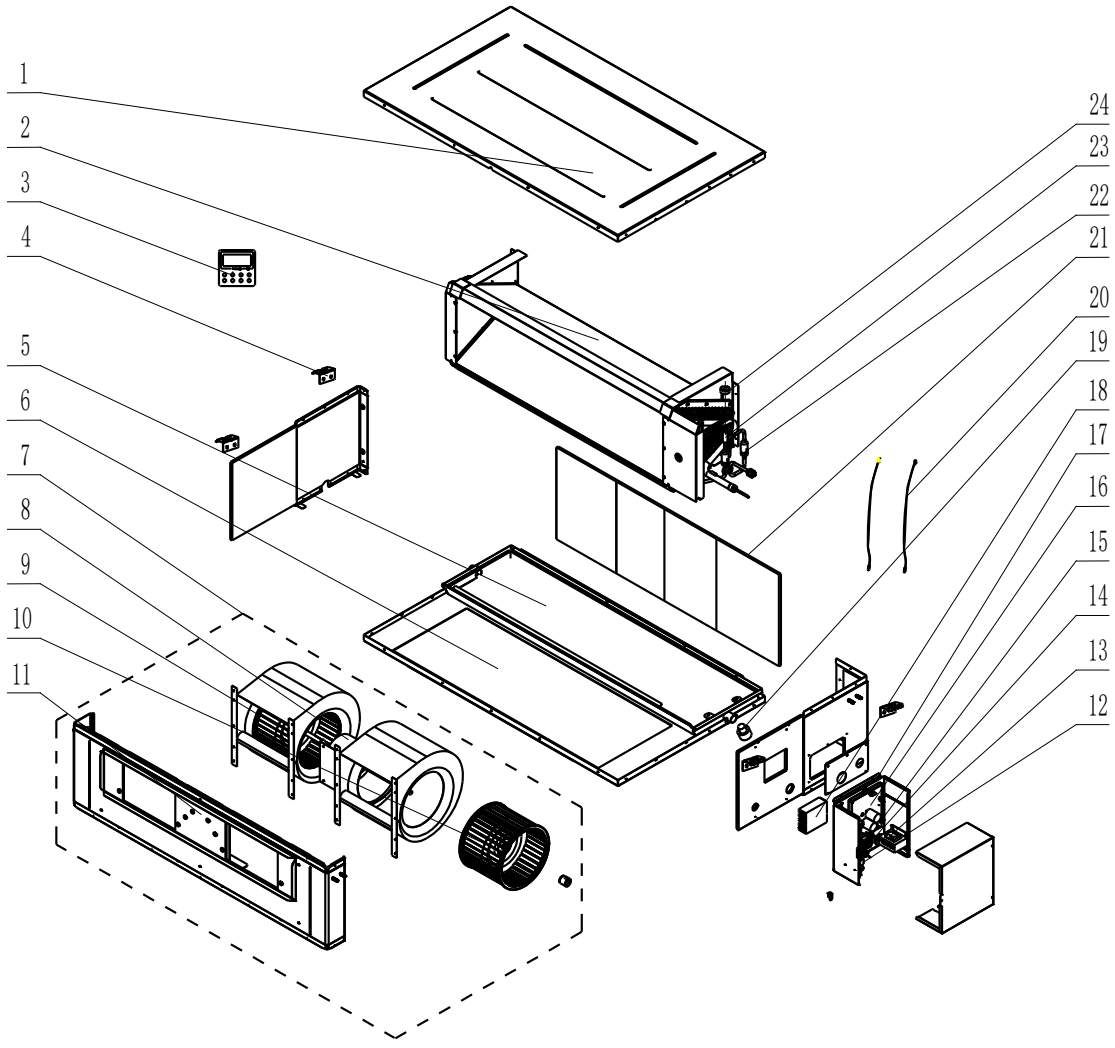


No.	Part Name
1	Electric Box Assy
2	Main Board
3	Terminal board
4	Terminal Board
5	Reactor
6	Main Board
7	Radiator
8	Water Pump
9	Pump Drainpipe
10	Water Pump Assy
11	Right Side Plate Assy
12	Strainer
13	Electronic Expansion Valve
14	Electric Expand Valve Fitting
15	Liquid Level Switch
16	Evaporator Assy
17	Filter Sub-Assy
18	Choke Plug of Drain Pipe
19	Left Side Plate Sub-Assy
20	Water Tray Assy
21	Bottom Cover Plate Assy

No.	Part Name
22	Top Cover Board Sub-assy
23	Centrifugal Fan
24	Propeller Housing(Lower)
25	Brushless DC Motor
26	Propeller Housing(Upper)
27	Blower Mounting Plate Sub-Assy
28	Front Side Plate Sub-Assy
29	Sensor Sub-assy
30	Display Board
31	Corrugated Pipe
32	Drain Hose

Above data is subject to change without notice, pls reference the SP in global service website.

GMV-ND224PH/A-T:

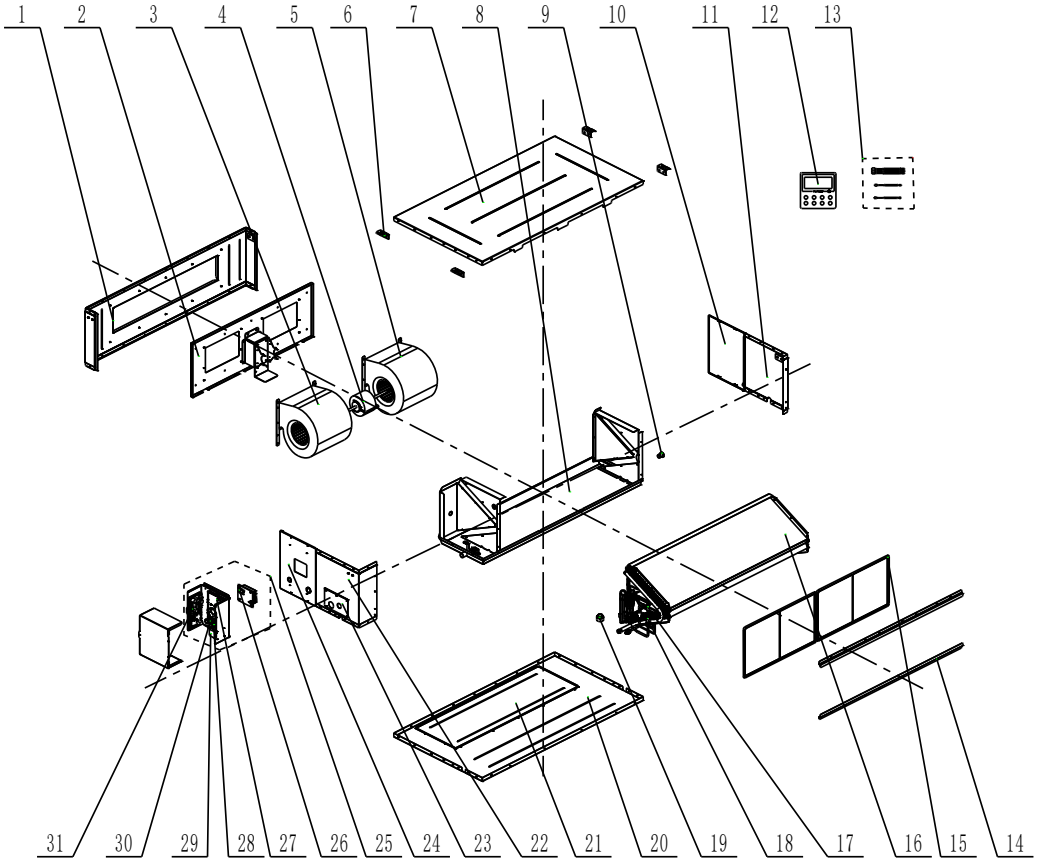


No.	Name of part
1	Top Cover Board Assy
2	Evaporator Assy
3	Display Board
4	Hook
5	Water Tray Assy

No.	Name of part
6	Bottom Cover Plate Assy
7	Centrifugal fan assy
8	Brushless DC Motor
9	Motor
10	Motor
11	Front Side Plate assy
12	Main Board
13	Reactor
14	Terminal Board
15	Terminal Board
16	Main Board
17	Electric Box Assy
18	Radiator
19	Choke Plug of Water Pipe
20	Sensor Sub-assy
21	Filter Sub-Assy
22	Strainer
23	Electronic Expansion Valve
24	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND280PH/A-T:

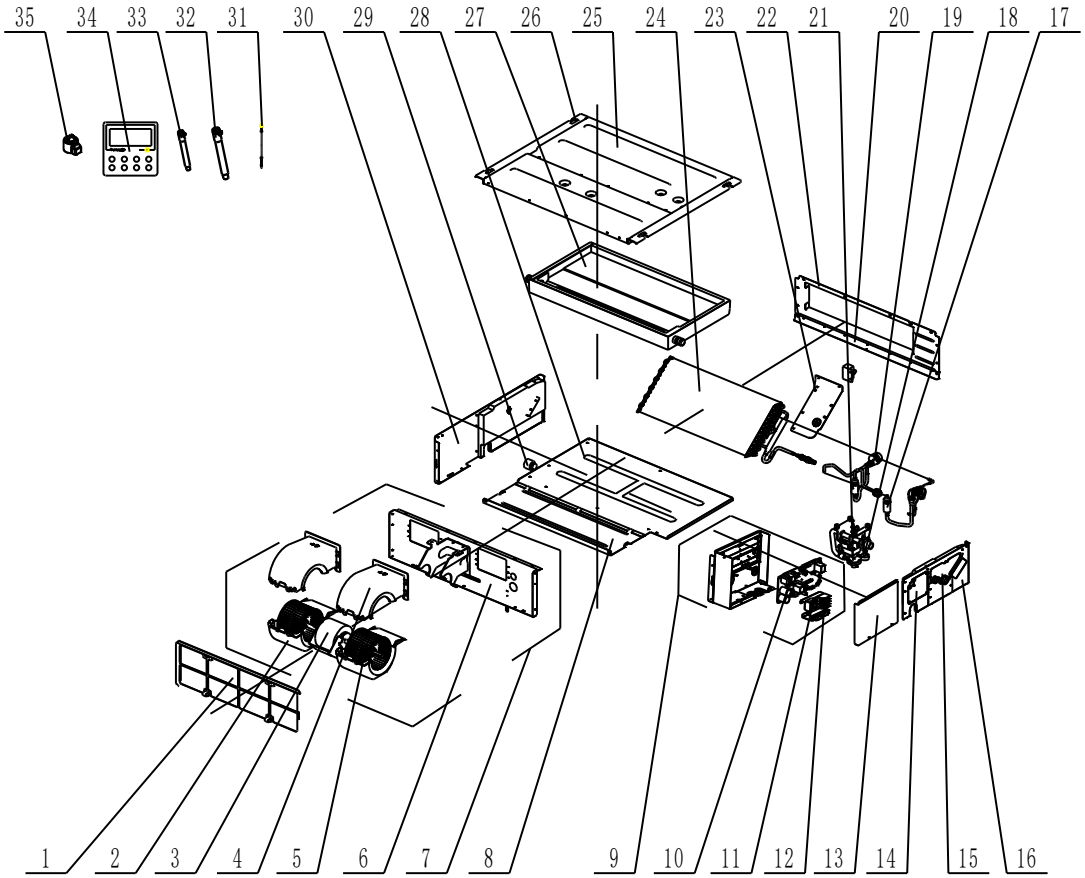


No.	Name of part
1	Front Side Plate Sub-Assy
2	Blower Mounting Plate Sub-Assy
3	Blower(Right)
4	Brushless DC Motor
5	Blower(Left)
6	Hook
7	Top cover
8	Water Tray Sub-Assy
9	Rubber Plug
10	Left Side Plate 1
11	Left Side Plate 2
12	Display Board
13	Sensor Sub-assy
14	filter guide groove
15	Filter Sub-Assy
16	Evaporator Assy
17	Electronic Expansion Valve
18	Strainer
19	Electric Expand Valve Fitting
20	Bottom Cover Plate
21	Access plate
22	Right Side Plate 2
23	Seal Of Connection Pipe sub-assy
24	Right Side Plate 1
25	Electric Box Assy
26	Radiator
27	Main Board
28	Terminal Board
29	Reactor
30	Terminal board
31	Main Board

Above data is subject to change without notice, pls reference the SP in global service website.

5.3 Low Static Pressure Duct Type

Exploded View of GMV-ND22PLS/A-T, GMV-ND25PLS/A-T, GMV-ND28PLS/A-T, GMV-ND32PLS/A-T, GMV-ND36PLS/A-T:

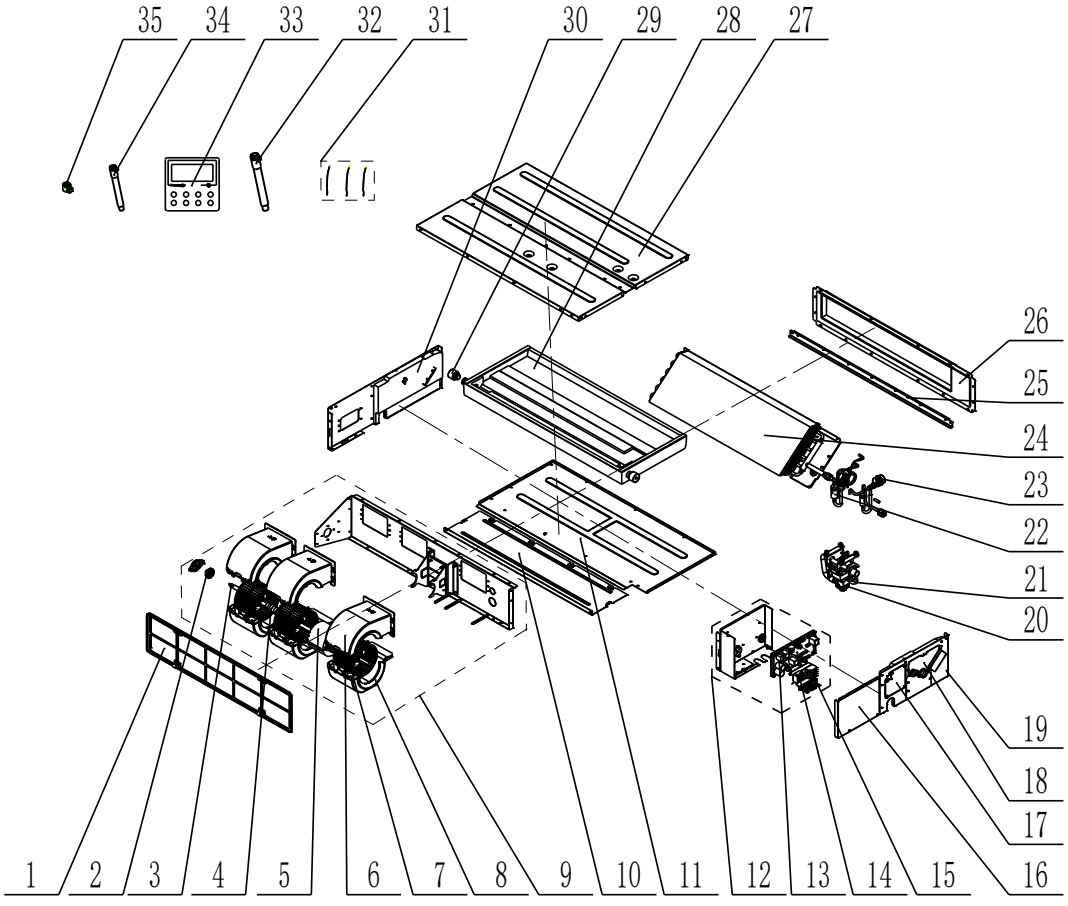


No.	Name of part
1	Filter Sub-Assy
2	Rear Volute Casing
3	Brushless DC Motor
4	Front Volute Casing
5	Centrifugal Fan
6	Supporter(Fan motor)
7	Centrifugal fan assy
8	Cover board (Blower)
9	Electric Box Assy
10	Main Board
11	Terminal Board
12	Terminal Board
13	Electric Box Cover
14	Sealplate sub-assy (drainage)
15	Sealplate sub-assy (outlet)
16	Left Side Plate Assy
17	Strainer
18	Water Level Switch

No.	Name of part
19	Electronic Expansion Valve
20	Cover of air outlet
21	Water Pump
22	Air Outlet Frame Assy
23	Sealplate sub-assy (evaporator)
24	Evaporator Assy
25	Top cover
26	Supporter
27	Water Tray Assy
28	Bottom Cover Plate
29	Choke Plug of Drain Pipe
30	Right Side Plate Assy
31	Sensor Sub-assy
32	Drain Hose
33	Pump Drainpipe
34	Display Board
35	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

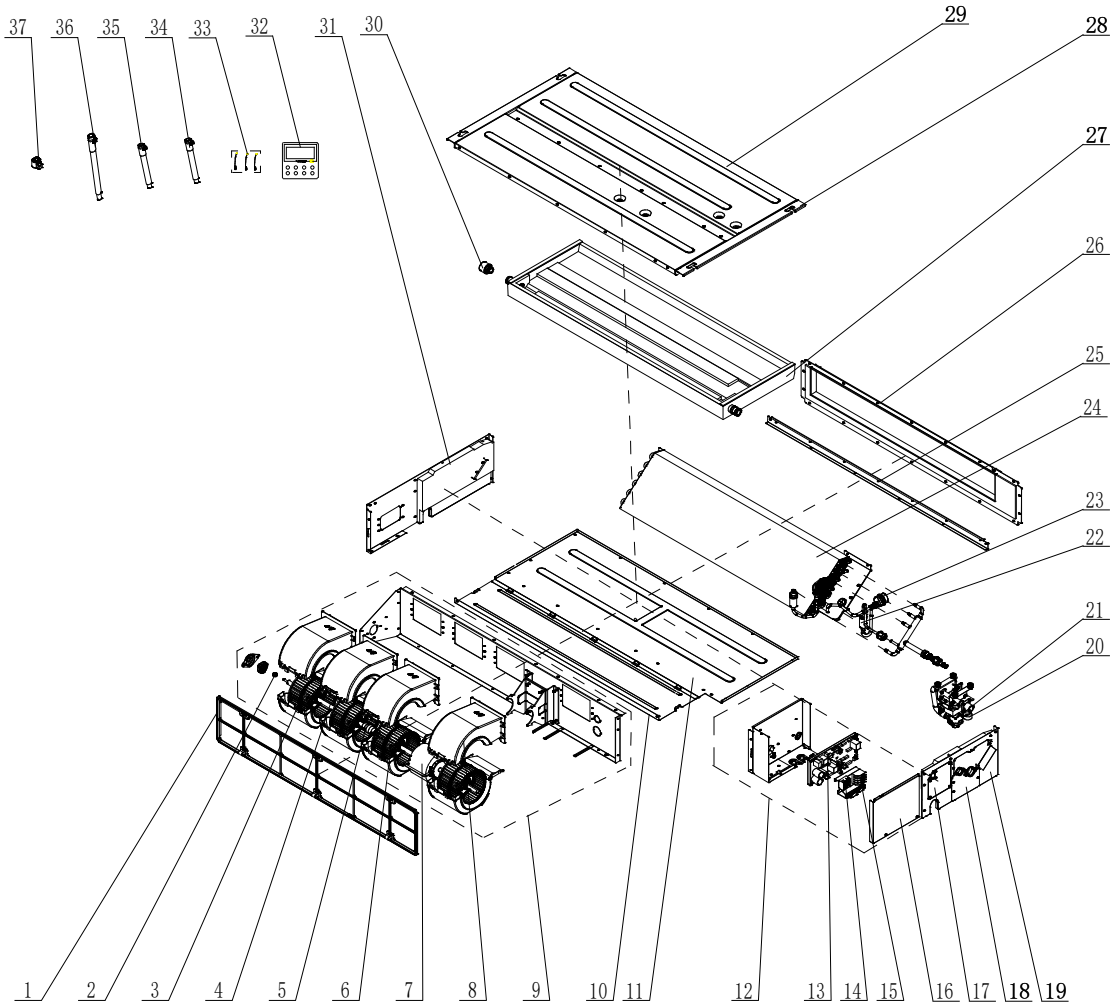
Exploded View of GMV-ND40PLS/A-T, GMV-ND45PLS/A-T, GMV-ND50PLS/A-T:



No.	Name of part
1	Filter Sub-Assy
2	Fan Bearing
3	Rotary Axis Sub-Assy
4	Joint Slack
5	Brushless DC Motor
6	Front Volute Casing
7	Centrifugal Fan
8	Rear Volute Casing
9	Centrifugal fan assy
10	Cover board (Blower)
11	Bottom Cover Plate
12	Electric Box Assy
13	Main Board
14	Terminal Board
15	Terminal Board
16	Electric Box Cover
17	Sealplate sub-assy (drainage)
18	Sealplate sub-assy (outlet)
19	Left Side Plate Assy
20	Water Pump
21	Water Level Switch
22	Strainer
23	Electronic Expansion Valve
24	Evaporator Assy
25	Cover of Air Outlet
26	Air Outlet Frame Assy
27	Top cover
28	Water Tray Assy
29	Choke Plug of Drain Pipe
30	Right Side Plate Assy
31	Sensor Sub-assy
32	Drain Hose
33	Display Board
34	Pump Drainpipe
35	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND56PLS/A-T、GMV-ND63PLS/A-T:

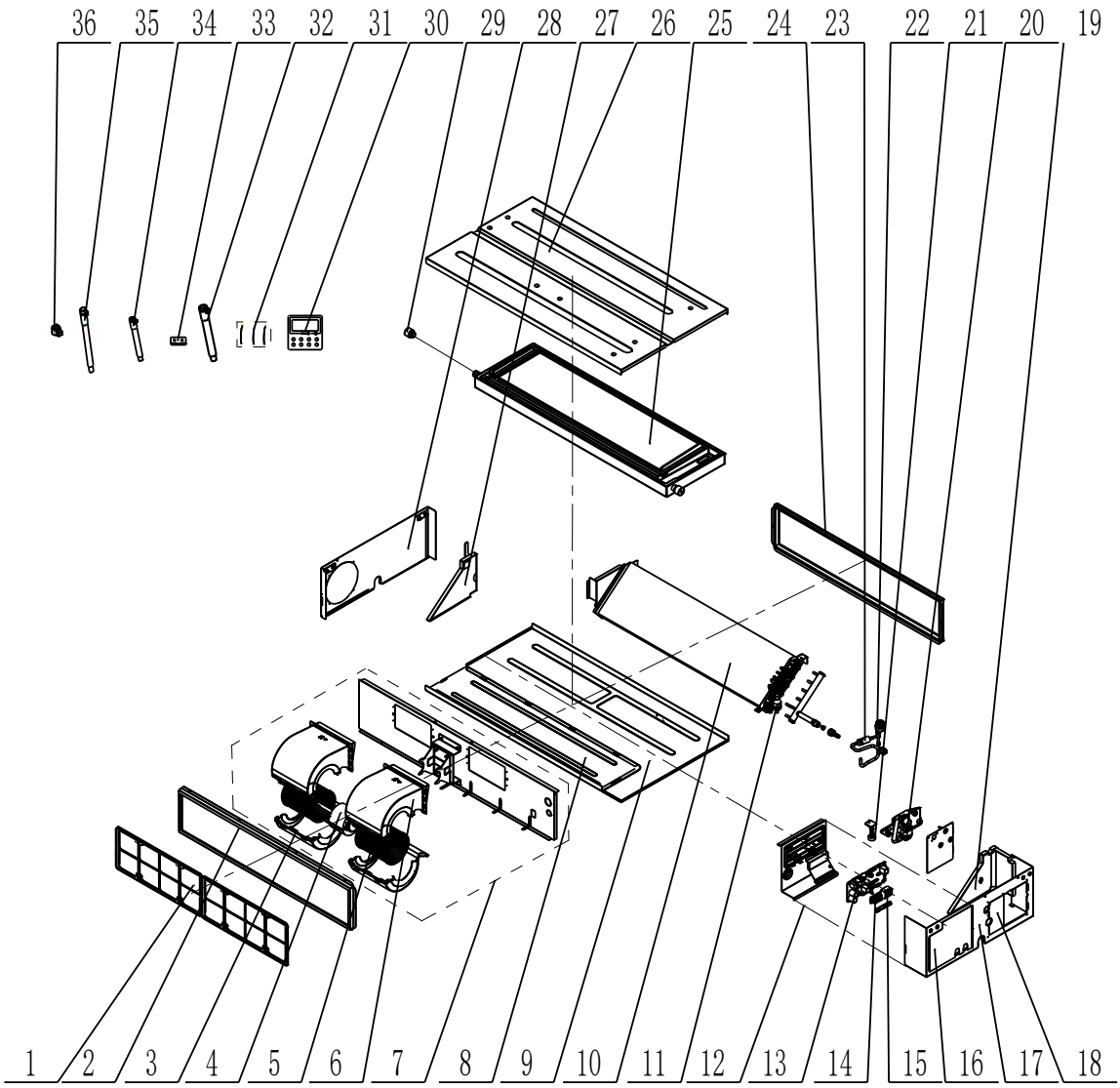


No.	Name of part
1	Filter Sub-Assy
2	Fan Bearing
3	Centrifugal Fan
4	Rotary Axis Sub-Assy
5	Joint Slack
6	Rear Volute Casing
7	Fan Motor
8	Front Volute Casing
9	Centrifugal fan assy
10	Cover board (Fan motor)
11	Bottom Cover Plate
12	Main Board
13	Terminal Board
14	Electric Box Assy
15	Terminal Board
16	Electric Box Cover
17	Sealplate sub-assy (drainage)

No.	Name of part
18	Sealplate sub-assy (outlet)
19	Left Side Plate Assy
20	Water Level Switch
21	Water Pump
22	Strainer
23	Electronic Expansion Valve
24	Evaporator Assy
25	Cover of Air Outlet
26	Air Outlet Frame Assy
27	Water Tray Assy
28	Supporter
29	Top Cover Board Assy
30	Choke Plug of Drain Pipe
31	Right Side Plate Assy
32	Display Board
33	Sensor Sub-assy
34	Drain Hose Sub-Assy
35	Pump Drainpipe
36	Corrugated Pipe
37	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND71PLS/A-T, GMV-ND80PLS/A-T:

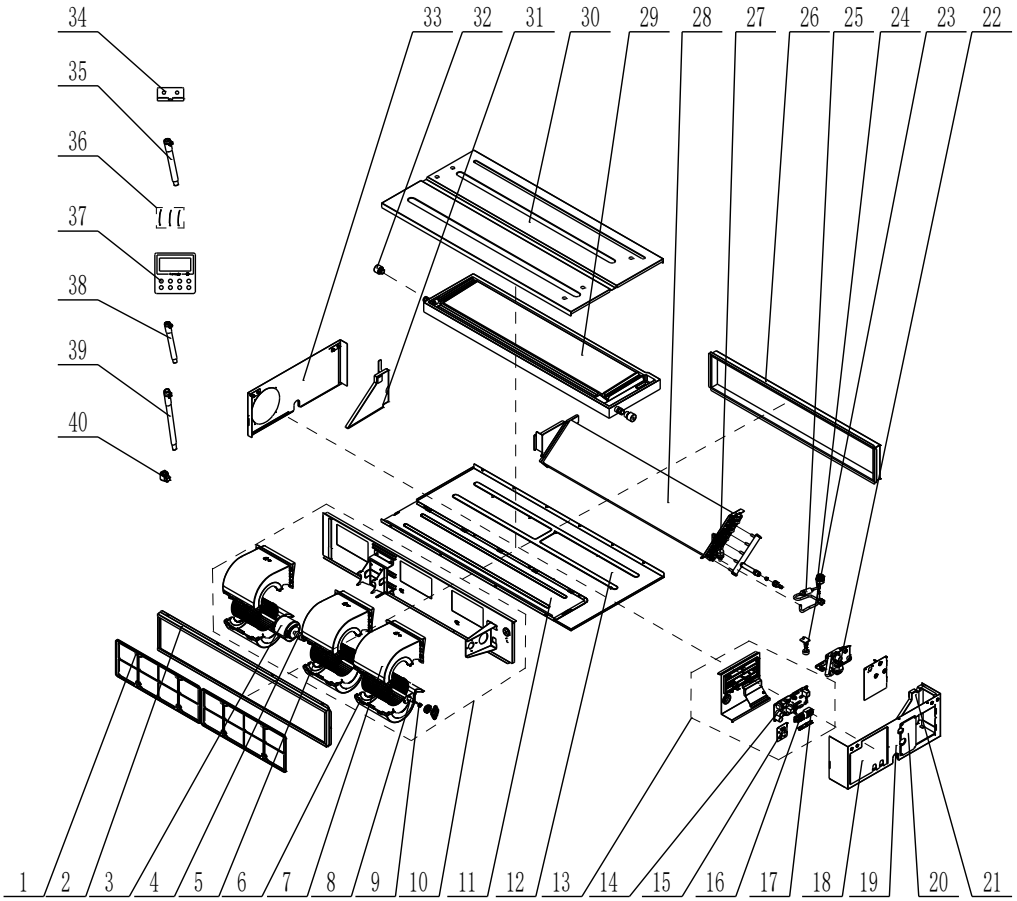


No.	Name of part
1	Filter Sub-Assy
2	Air Intake Side Board Sub-assy
3	Rear volute casing
4	Brushless DC Motor
5	Centrifugal fan blade
6	Front volute casing
7	Centrifugal fan assy
8	Cover Of Air-In
9	Bottom Cover Plate
10	Evaporator Assy
11	Strainer
12	Electric Box Assy
13	Main Board
14	Terminal Board
15	Terminal Board

No.	Name of part
16	Electric Box Cover
17	Left Side Plate Assy
18	Seal Of Connection Pipe sub-assy
19	Left Air Guard Sub-Assy
20	Water Pump
21	Water Level Switch
22	Electronic Expansion Valve
23	Strainer
24	Air Outlet Side Board assy
25	Water Tray Assy
26	Top Cover Board Assy
27	Right Air Guard Sub-Assy
28	Right Side Plate Assy
29	Choke Plug of Drain Pipe
30	Display Board
31	Sensor Sub-assy
32	Drain Hose Sub-Assy
33	Hook
34	Pump Drainpipe
35	Corrugated Pipe
36	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND90PLS/A-T, GMV-ND100PLS/A-T, GMV-ND112PLS/A-T, GMV-ND125PLS/A-T, GMV-ND140PLS/A-T:

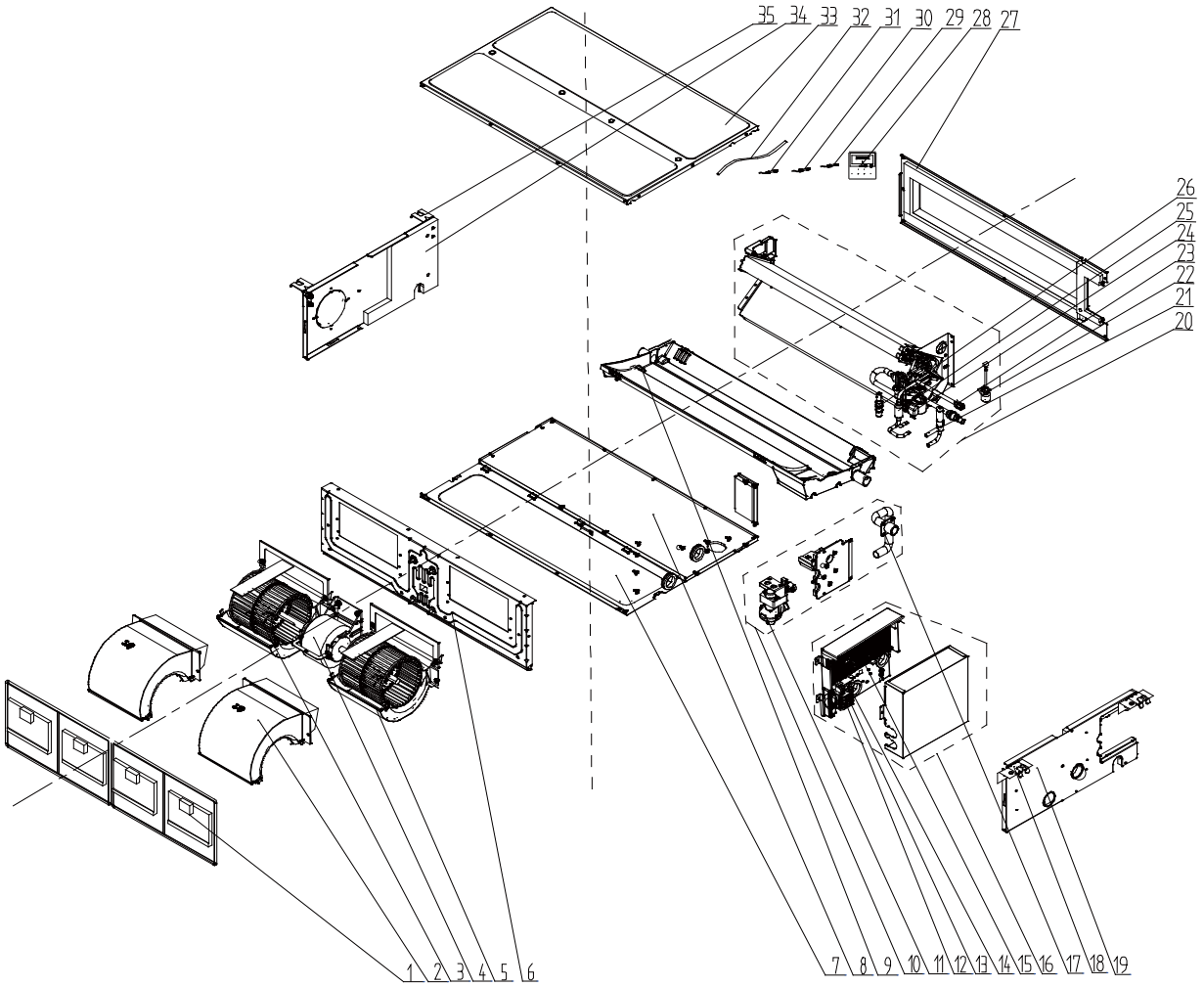


No.	Name of part
1	Filter Sub-Assy
2	Air Intake Side Board Assy
3	Brushless DC Motor
4	Joint Slack
5	Centrifugal fan blade
6	Rear volute casing
7	Front volute casing
8	Rotary Axis Sub-Assy
9	Fan Bearing
10	Centrifugal fan Assy
11	Cover Of Air-In
12	Bottom Cover Plate
13	Electric Box Assy
14	Main Board
15	Filter Board
16	Terminal Board
17	Terminal Board
18	Electric Box Cover

No.	Name of part
19	Right Side Plate Assy
20	Seal Of Connection Pipe sub-assy
21	Left Air Guard Sub-Assy
22	Water Pump
23	Water Level Switch
24	Electronic Expansion Valve
25	Strainer
26	Border Plate of Air outlet Sub-Assy
27	Strainer
28	Evaporator Assy
29	Water Tray Assy
30	Top Cover Board Assy
31	Right Air Guard Sub-Assy
32	Choke Plug of Drain Pipe
33	Left Side Plate Assy
34	Hook
35	Drain Hose Sub-Assy
36	Sensor Sub-assy
37	Display Board
38	Pump Drainpipe
39	Corrugated Pipe
40	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND18PLS/C-T、GMV-ND22PLS/C-T、GMV-ND25PLS/C-T、GMV-ND28PLS/C-T:

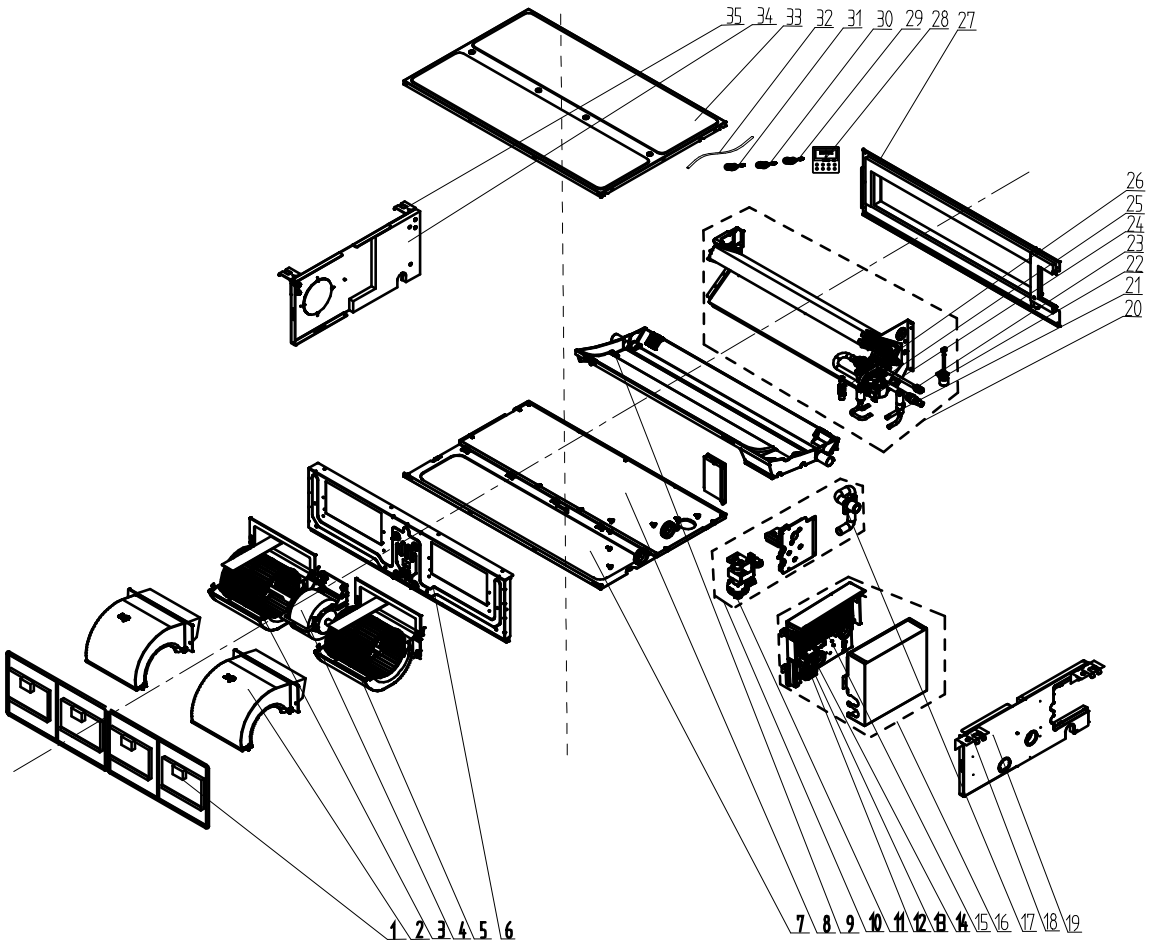


No.	Name of part
1	Filter Sub-Assy
2	Propeller Housing(Upper)
3	Centrifugal Fan
4	Brushless DC Motor
5	Propeller Housing(Lower)
6	Blower Mounting Plate Sub-Assy
7	Cover Plate(Air return)
8	Bottom Cover Plate Assy
9	Water Tray Assy
10	Water Pump Assy
11	Water Pump
12	Electric Box Assy
13	Main Board
14	Terminal Board
15	Terminal Board
16	Main Board
17	Drainage Pipe(Rubber)
18	Hook 2
19	Left Side Plate Assy
20	Evaporator Assy

No.	Name of part
21	Electronic Expansion Valve
22	Liquid Level Switch
23	Sealing Cap(Pressure Warning)
24	Electric Expand Valve Fitting
25	Strainer
26	Strainer
27	Air Outlet Frame Assy
28	Display Board
29	Temperature Sensor
30	Temperature Sensor
31	Temperature Sensor
32	Drain Hose Sub-Assy
33	Top Cover Board Assy
34	Right Side Plate Assy
35	Hook

Above data is subject to change without notice, pls reference the SP in global service website.

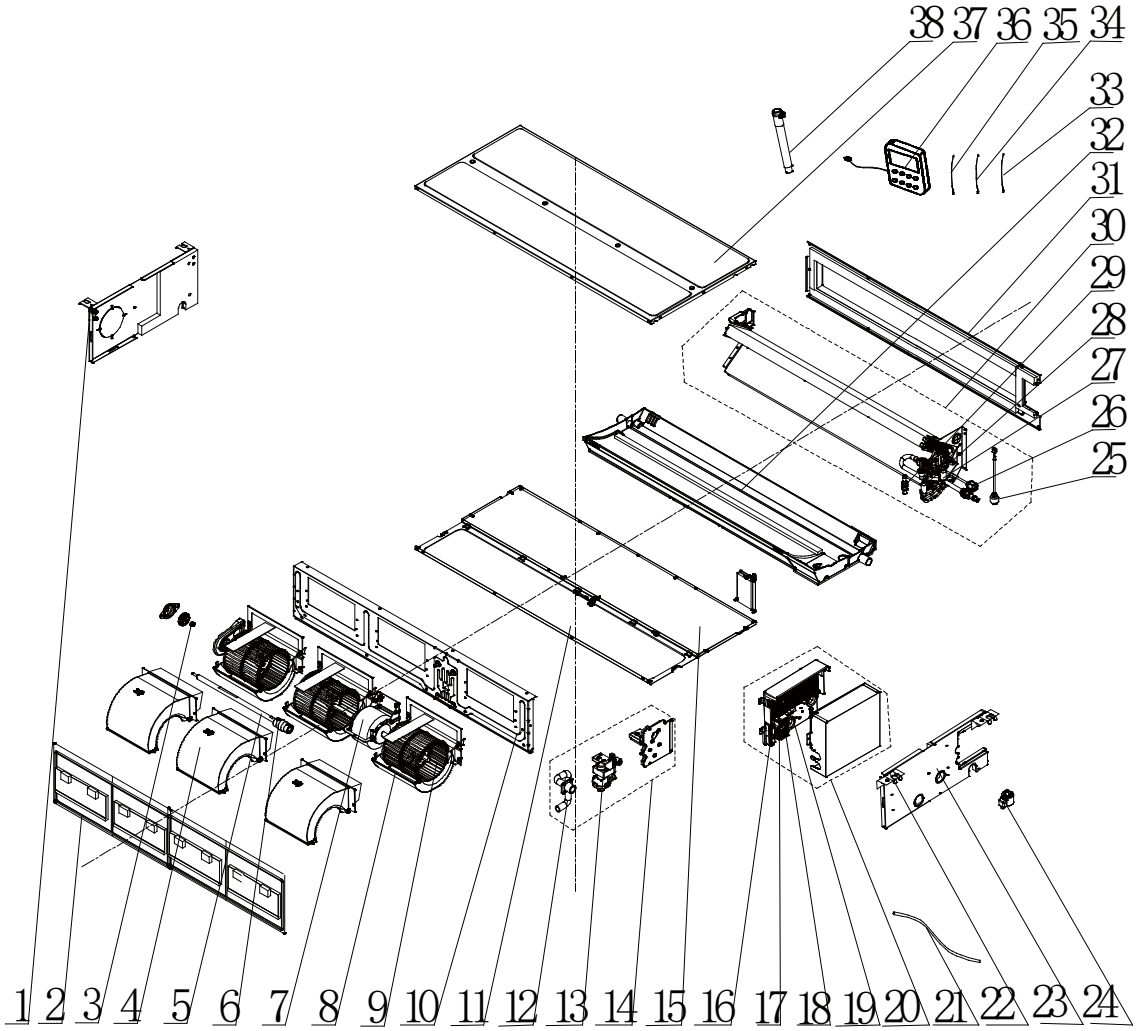
Exploded View of GMV-ND32PLS/C-T、GMV-ND36PLS/C-T:



No.	Name of part
1	Filter Sub-Assy
2	Propeller Housing(Upper)
3	Centrifugal Fan
4	Brushless DC Motor
5	Propeller Housing(Lower)
6	Blower Mounting Plate Sub-Assy
7	Cover Plate(Air return)
8	Bottom Cover Plate Assy
9	Water Tray Assy
10	Water Pump Assy
11	Water Pump
12	Electric Box Assy
13	Main Board
14	Terminal Board
15	Terminal Board
16	Main Board
17	Drainage Pipe(Rubber)
18	Hook 2
19	Left Side Plate Assy
20	Evaporator Assy
21	Electronic Expansion Valve
22	Liquid Level Switch
23	Sealing Cap(Pressure Warning)
24	Electric Expand Valve Fitting
25	Strainer
26	Strainer
27	Air Outlet Frame Assy
28	Display Board
29	Temperature Sensor
30	Temperature Sensor
31	Temperature Sensor
32	Drain Hose Sub-Assy
33	Top Cover Board Assy
34	Right Side Plate Assy
35	Hook

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND40PLS/C-T、GMV-ND45PLS/C-T:

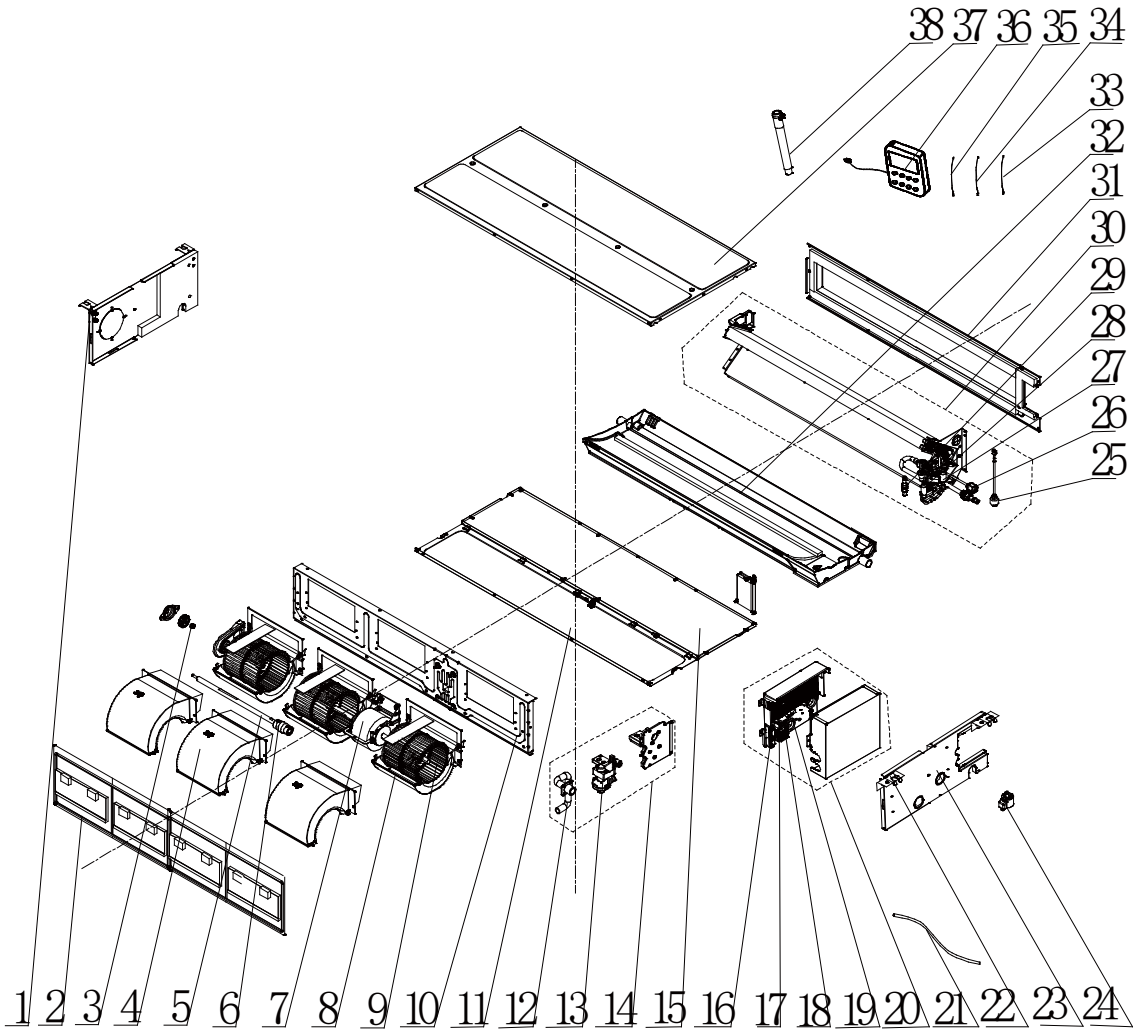


No.	Name of part
1	Hook
2	Filter Sub-Assy
3	Fan Bearing
4	Propeller Housing(Upper)
5	Rotary Axis Sub-Assy
6	Joint Slack
7	Brushless DC Motor
8	Propeller Housing(Lower)
9	Centrifugal Fan
10	Blower Mounting Plate Sub-Assy
11	Cover Of Air-In
12	Drainage Pipe(Rubber)
13	Water Pump
14	Water Pump Assy
15	Bottom Cover Plate Assy
16	Main Board
17	Terminal Board
18	Terminal Board
19	Main Board
20	Electric Box Assy
21	Drain Hose Sub-Assy

No.	Name of part
22	Hook 2
23	Left Side Plate Assy
24	Electric Expand Valve Fitting
25	Liquid Level Switch
26	Sealing Cap(Pressure Warning)
27	Strainer
28	Electronic Expansion Valve
29	Strainer
30	Evaporator Assy
31	Air Outlet Frame Assy
32	Water Tray Assy
33	Temperature Sensor
34	Temperature Sensor
35	Temperature Sensor
36	Display Board
37	Top Cover Board Assy
38	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

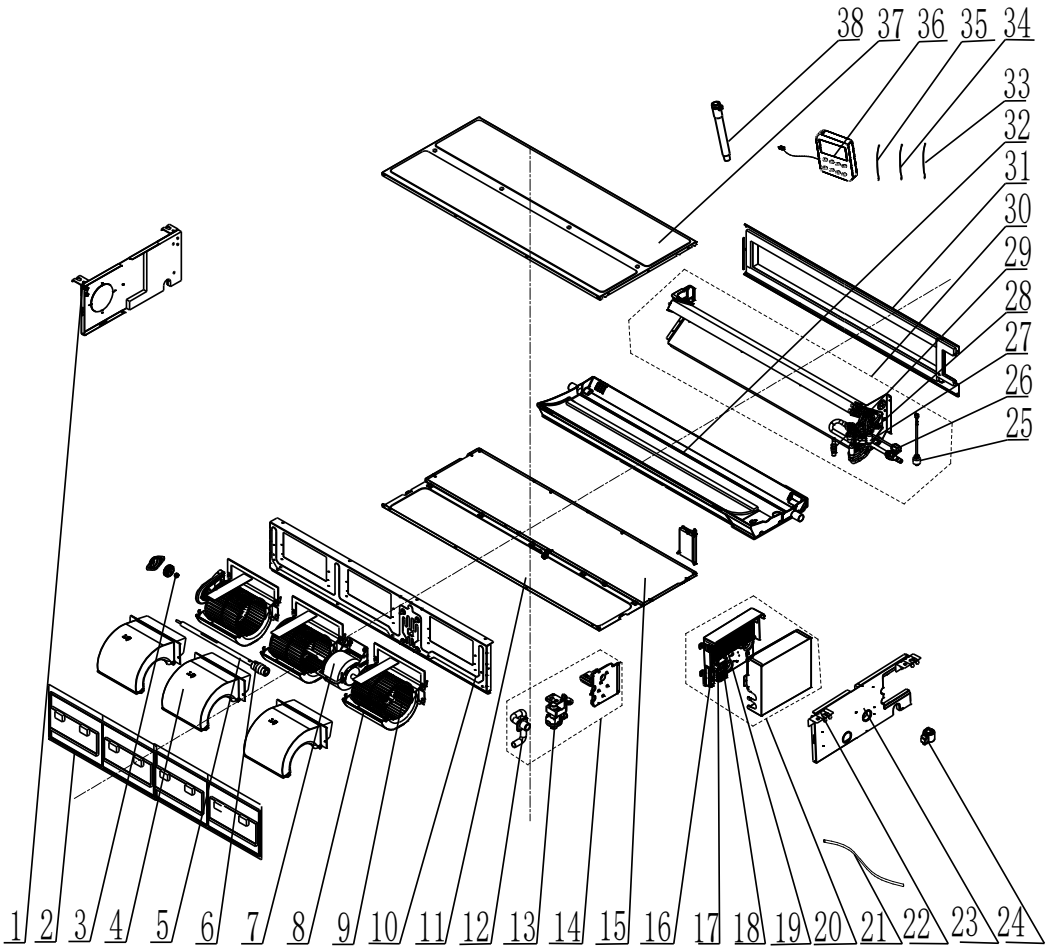
Exploded View of GMV-ND50PLS/C-T、GMV-ND56PLS/C-T、GMV-ND63PLS/C-T:



No.	Name of part
1	Hook
2	Filter Sub-Assy
3	Fan Bearing
4	Propeller Housing(Upper)
5	Rotary Axis Sub-Assy
6	Joint Slack
7	Brushless DC Motor
8	Propeller Housing(Lower)
9	Centrifugal Fan
10	Blower Mounting Plate Sub-Assy
11	Cover Of Air-In
12	Drainage Pipe(Rubber)
13	Water Pump
14	Water Pump Assy
15	Bottom Cover Plate Assy
16	Main Board
17	Terminal Board
18	Terminal Board
19	Main Board
20	Electric Box Assy
21	Drain Hose Sub-Assy
22	Hook 2
23	Left Side Plate Assy
24	Electric Expand Valve Fitting
25	Liquid Level Switch
26	Sealing Cap(Pressure Warning)
27	Strainer
28	Electronic Expansion Valve
29	Strainer
30	Evaporator Assy
31	Air Outlet Frame Assy
32	Water Tray Assy
33	Temperature Sensor
34	Temperature Sensor
35	Temperature Sensor
36	Display Board
37	Top Cover Board Assy
38	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND71PLS/C-T:



No.	Name of part
1	Hook
2	Filter Sub-Assy
3	Fan Bearing
4	Propeller Housing(Upper)
5	Brushless DC Motor
6	Centrifugal Fan
7	Propeller Housing(Lower)
8	Joint Slack
9	Rotary Axis Sub-Assy
10	Blower Mounting Plate Sub-Assy
11	cover plate Assy for air returning
12	Drainage Pipe(Rubber)
13	Water Pump
14	Water Pump Assy
15	Bottom Cover Plate Assy
16	Main Board
17	Terminal Board
18	Terminal Board
19	Main Board
20	Electric Box Assy
21	Electric Expand Valve Fitting

No.	Name of part
22	Hook 2
23	Left Side Plate Assy
24	Corrugated Pipe
25	Water Tray Assy
26	Liquid Level Switch
27	Sealing Cap(Pressure Warning)
28	Strainer
29	Electronic Expansion Valve
30	Strainer
31	Evaporator Assy
32	Air Outlet Frame Assy
33	Temperature Sensor
34	Temperature Sensor
35	Temperature Sensor
36	Display Board
37	Drain Hose Sub-Assy
38	Top Cover Board Assy

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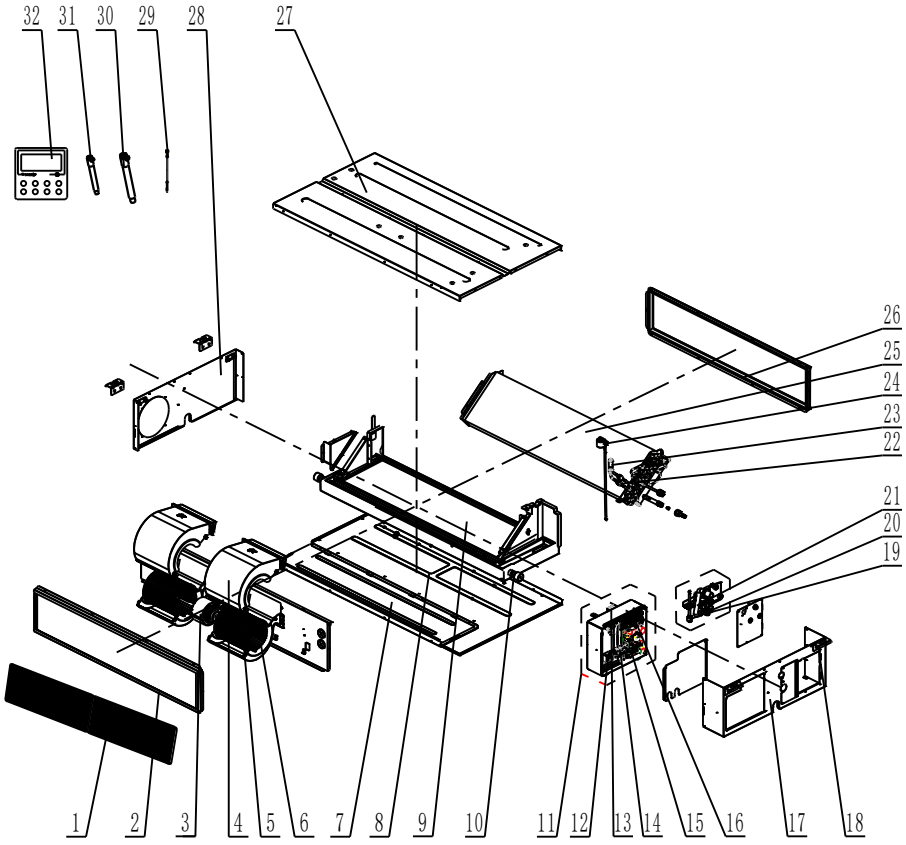
Exploded View of GMV-ND80PLS/C-T:



No.	Name of part
1	Filter Sub-Assy
2	Air Intake Side Board Sub-assy
3	Brushless DC Motor
4	Volute Casing
5	Centrifugal Fan
6	Volute Casing
7	Cover Of Air-In
8	Bottom Cover Plate
9	Water Tray Assy
10	Choke Plug of Drain Pipe
11	Electric Box Assy
12	Terminal Board
13	Radiator
14	Terminal Board
15	Main Board
16	Main Board
17	Right Side Plate Assy
18	Hook
19	Water Pump
20	Water Level Switch
21	Pump Drainpipe
22	Strainer
23	Electronic Expansion Valve
24	Electric Expand Valve Fitting
25	Evaporator Assy
26	Air Outlet Side Board assy
27	Top Cover Board Assy
28	Left Side Plate Assy
29	Sensor Sub-assy
30	Drain Hose
31	Corrugated Pipe
32	Display Board

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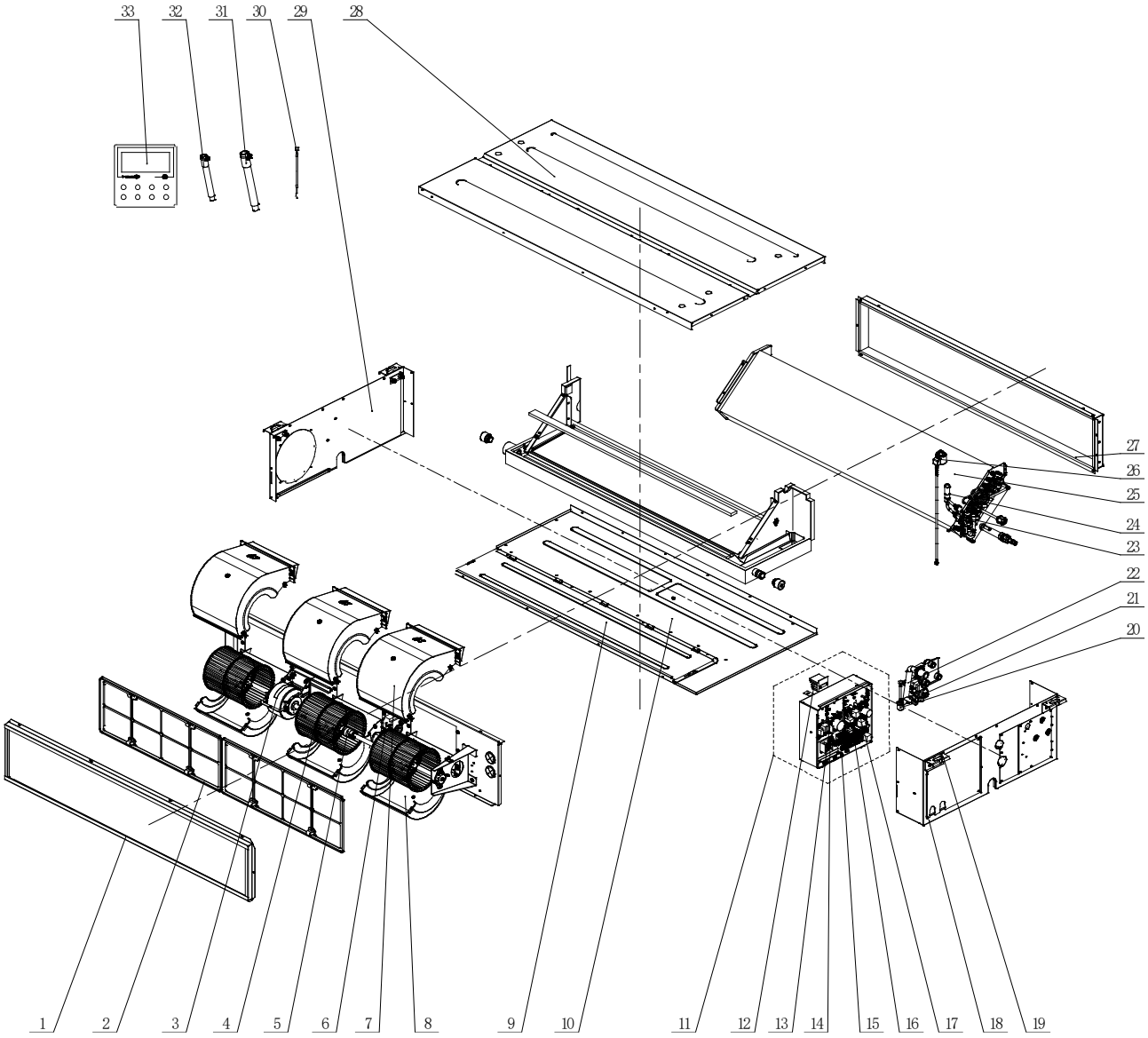
Exploded View of GMV-ND90PLS/C-T, GMV-ND100PLS/C-T, GMV-ND112PLS/C-T



No.	Name of part
1	Filter Sub-Assy
2	Air Intake Side Board Sub-Assy
3	Brushless DC Motor
4	Centrifugal Fan
5	Joint Slack
6	Inductance
7	Volute Casing
8	Volute Casing
9	Cover Of Air-In
10	Bottom Cover Plate
11	Electric Box Assy
12	Radiator
13	Filter Board
14	Terminal Board

No.	Name of part
15	Terminal Board
16	Main Board
17	Main Board
18	Right Side Plate Assy
19	Hook
20	Water Pump
21	Water Level Switch
22	Pump Drainpipe
23	Strainer
24	Electronic Expansion Valve
25	Evaporator Assy
26	Electric Expand Valve Fitting
27	Air Outlet Side Board Assy
28	Top Cover Board Assy
29	Left Side Plate Assy
30	Sensor Sub-Assy
31	Drain Hose Sub-Assy
32	Corrugated Pipe
33	Display Board

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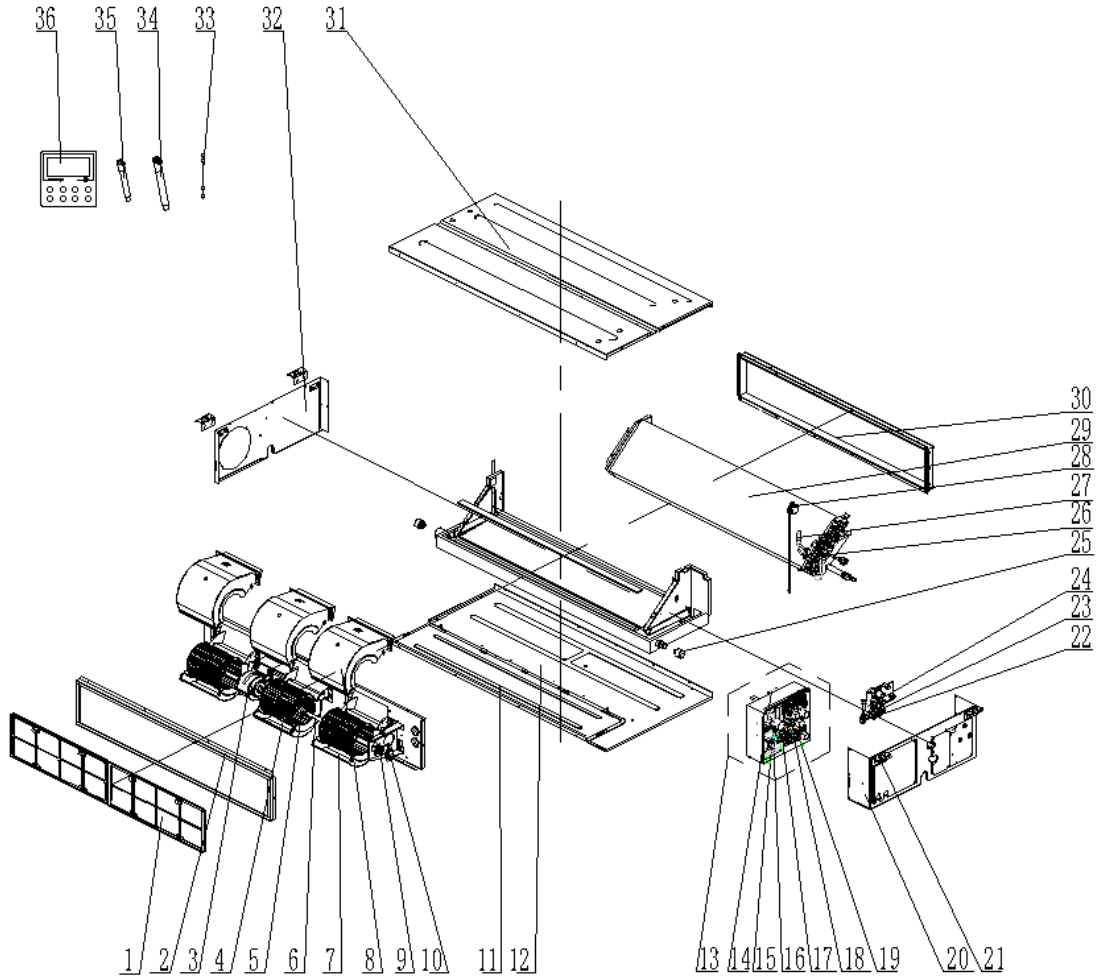
Exploded View of GMV-ND125PLS/C-T, GMV-ND140PLS/C-T:



No.	Name of part
1	Filter Sub-Assy
2	Air Intake Side-Board Sub-Assy
3	Brushless DC Motor
4	Centrifugal Fan
5	Joint Slack
6	Rotary Axis Sub-Assy
7	Volute Casing
8	Volute Casing
9	Bearing Holder Sub-Assy
10	Support Of Motor Bearing
11	Cover Of Air-In
12	Bottom Cover Plate
13	Electric Box Assy
14	Radiator
15	Terminal Board
16	Filter Board
17	Terminal Board
18	Main Board

No.	Name of part
19	Main Board
20	Right Side Plate Assy
21	Hook
22	Water Level Switch
23	Water Pump
24	Pump Drainpipe
25	Choke Plug of Drain Pipe
26	Strainer
27	Electronic Expansion Valve
28	Electric Expand Valve Fitting
29	Evaporator Assy
30	Air Intake Side Board Assy
31	Top Cover Board Assy
32	Left Side Plate Assy
33	Sensor Sub-Assy
34	Drain Hose Sub-Assy
35	Corrugated Pipe
36	Display Board

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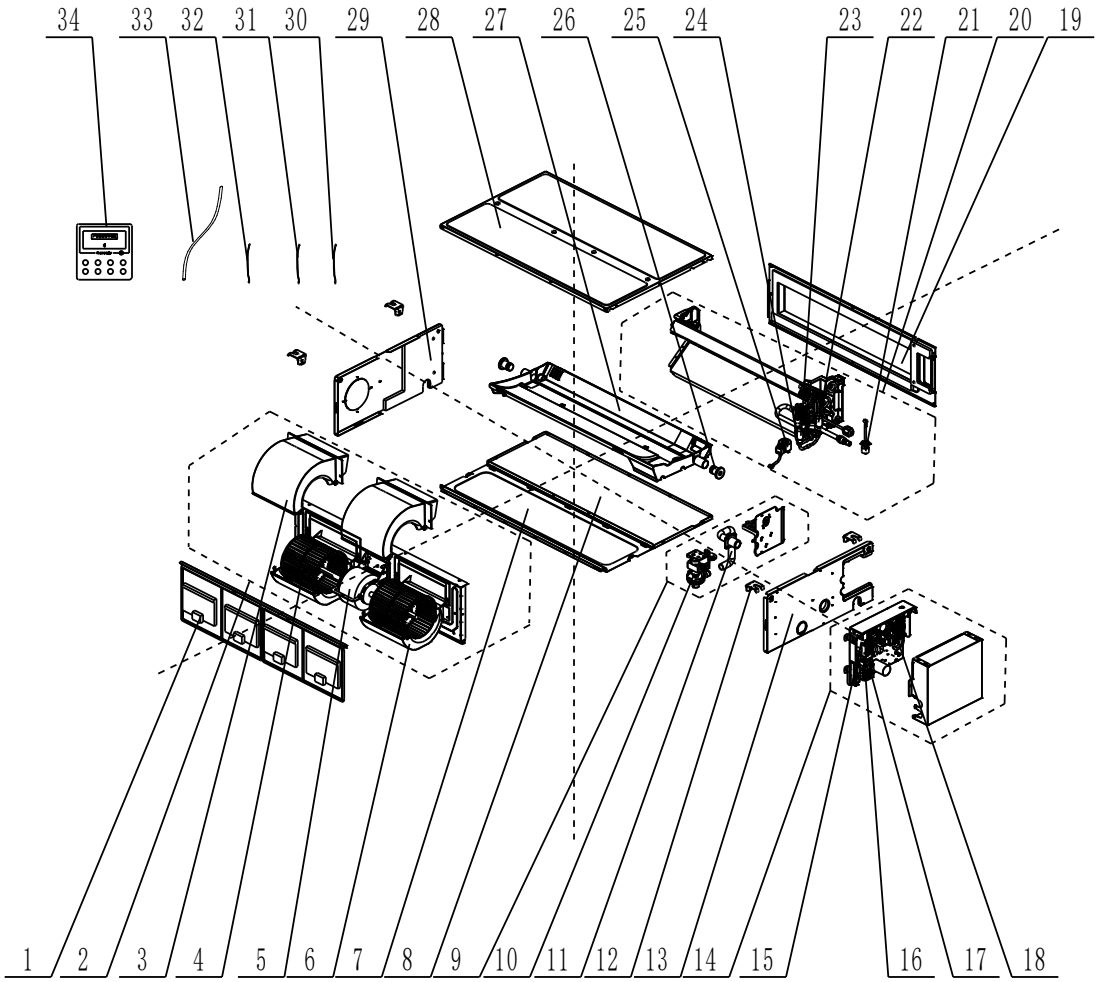
Exploded View of GMV-ND18PLS/C1-T、GMV-ND22PLS/C1-T、GMV-ND25PLS/C1-T、GMV-ND28PLS/C1-T、GMV-ND32PLS/C1-T、GMV-ND36PLS/C1-T:



No.	Name of part	For the following unit			
		Unit	Product Code	Unit	Product Code
		GMV-ND18PLS/C1-T	CM810N2610	GMV-ND32PLS/C1-T	CM810N2640
		GMV-ND22PLS/C1-T	CM810N2620	GMV-ND36PLS/C1-T	CM810N2570
		GMV-ND25PLS/C1-T	CM810N2630	—	—
		GMV-ND28PLS/C1-T	CM810N2580	—	—
		Part code	Quantity	Part code	Quantity
1	Filter Sub-Assy	111001000082	2	111001000082	2
2	Centrifugal fan assy	000052060087	1	000052060087	1
3	Propeller Housing(Upper)	26905200018	2	26905200018	2
4	Centrifugal Fan	10425200003	2	10425200003	2
5	Brushless DC Motor	150104060010	1	150104060010	1
6	Propeller Housing(Lower)	26905200019	2	26905200019	2
7	Cover Plate Sub-Assy	011657000030	1	011657000030	1
8	Cover Plate (Top)	01265200055	1	01265200055	1
9	Water Pump Assy	000104060009	1	000104060009	1
10	Water Pump	812007060016	1	812007060016	1
11	Drainage Pipe(Rubber)	760022000001	1	760022000001	1
12	Hook 2	01344100034	4	01344100034	4
13	Left Side Plate Sub-Assy	017037000010	1	017037000010	1

No.	Name of part	For the following unit			
		Unit	Product Code	Unit	Product Code
		GMV-ND18PLS/C1-T	CM810N2610	GMV-ND32PLS/C1-T	CM810N2640
		GMV-ND22PLS/C1-T	CM810N2620	GMV-ND36PLS/C1-T	CM810N2570
		GMV-ND25PLS/C1-T	CM810N2630	—	—
		GMV-ND28PLS/C1-T	CM810N2580	—	—
		Part code	Quantity	Part code	Quantity
14	Electric Box Assy	100002075991	1	100002075991	1
15	Fan board	300094000024	1	300094000024	1
16	Terminal Board	42011106	1	42011106	1
17	Terminal Board	42200006005404	1	42200006005404	1
18	Main Board	300002061887	1	300002061887	1
19	Air Outlet Frame Sub-assy	017043060003	1	017043060003	1
20	Evaporator Assy	011001060833	1	011001060834	1
21	Water Level Switch	430024060005	1	430024060005	1
22	Strainer	07213050	1	07213050	1
23	Electronic Expansion Valve	072009000006	1	072009000006	1
24	Strainer	035021060019	1	035021060019	1
25	Electric Expand Valve Fitting	4304000111	1	4304000111	1
26	Rubber Plug	76815200002	2	76815200002	2
27	Water Tray	26905200023	1	26905200023	1
28	Top Cover Board Sub-assy	01265200067	1	01265200067	1
29	Right Side Plate Sub-Assy	01315200052	1	01315200052	1
30	Temperature Sensor	3900005910	1	3900005910	1
31	Temperature Sensor	390000595	1	390000595	1
32	Temperature Sensor	390000456	1	390000456	1
33	Drain Hose Sub-Assy	007008000001	1	007008000001	1
34	Display Board	300001060921	1	300001060921	1

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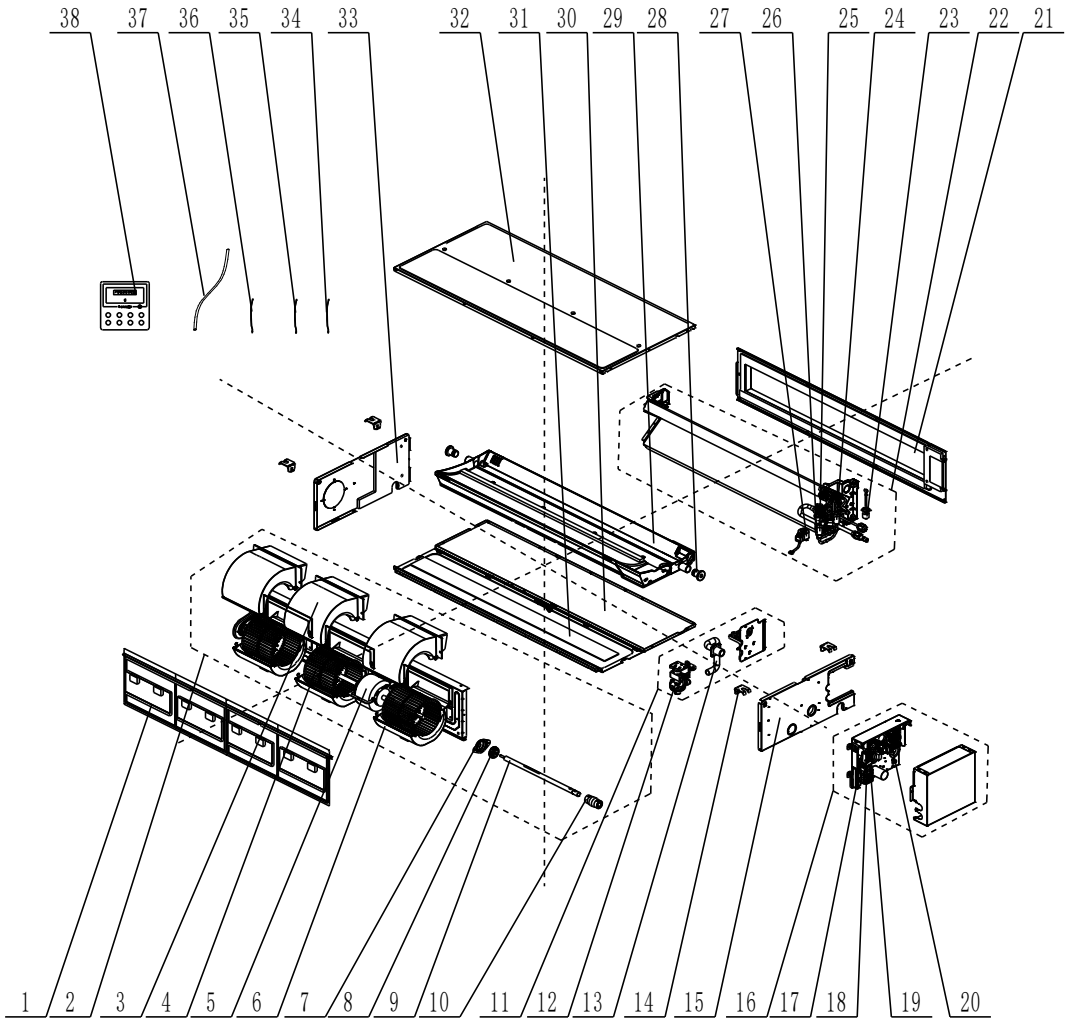
Exploded View of GMV-ND40PLS/C1-T、GMV-ND45PLS/C1-T、GMV-ND50PLS/C1-T、GMV-ND56PLS/C1-T、GMV-ND63PLS/C1-T:



No.	Name of part	For the following unit			
		Unit	Product Code	Unit	Product Code
		GMV-ND40PLS/C1-T	CM810N2650	GMV-ND56PLS/C1-T	CM810N2600
		GMV-ND45PLS/C1-T	CM810N2660	GMV-ND63PLS/C1-T	CM810N2550
		GMV-ND50PLS/C1-T	CM810N2560	—	—
		Part code	Quantity	Part code	Quantity
1	Filter Sub-Assy	111253038	2	111253038	2
2	Centrifugal fan assy	000052060089	1	000052060089	1
3	Propeller Housing(Upper)	26905200018	3	26905200018	3
4	Centrifugal Fan	10425200003	3	10425200003	3
5	Brushless DC Motor	150104060010	1	150104060009	1
6	Propeller Housing(Lower)	26905200019	3	26905200019	3
7	Support Of Motor Bearing	02285200001	1	02285200001	1
8	Bearing Holder Sub-assy	26151139	1	26151139	1
9	Rotary Axis Sub-Assy	73018761	1	73018761	1
10	Joint Slack	73018731	1	73018731	1
11	Water Pump Assy	000104060009	1	000104060009	1
12	Water Pump	812007060016	1	812007060016	1
13	Drainage Pipe(Rubber)	760022000001	1	760022000001	1

No.	Name of part	For the following unit			
		Unit	Product Code	Unit	Product Code
		GMV-ND40PLS/C1-T	CM810N2650	GMV-ND56PLS/C1-T	CM810N2600
		GMV-ND45PLS/C1-T	CM810N2660	GMV-ND63PLS/C1-T	CM810N2550
		GMV-ND50PLS/C1-T	CM810N2560	—	—
		Part code	Quantity	Part code	Quantity
14	Hook 2	01344100034	4	01344100034	4
15	Left Side Plate Sub-Assy	017037000010	1	017037000010	1
16	Electric Box Assy	100002075991	1	100002075992	1
17	Fan board	300094000024	1	300094000025	1
18	Terminal Board	42011106	1	42011106	1
19	Terminal Board	42200006005404	1	42200006005404	1
20	Main Board	300002061887	1	300002061887	1
21	Air Outlet Frame Sub-assy	017043060001	1	017043060001	1
22	Evaporator Assy	011001060835	1	011001060836	1
23	Water Level Switch	430024060005	1	430024060005	1
24	Strainer	07213050	1	07213050	1
25	Electronic Expansion Valve	072009000005	1	072009000005	1
26	Strainer	035021060019	1	035021060019	1
27	Electric Expand Valve Fitting	4304000111	1	4304000111	1
28	Rubber Plug	76815200002	2	76815200002	2
29	Water Tray	26905200024	1	26905200024	1
30	Bottom Cover Plate	01265200072	1	01265200072	1
31	Cover Plate Sub-Assy	011657000032	1	011657000032	1
32	Top Cover Board Sub-assy	01265200069	1	01265200069	1
33	Right Side Plate Sub-Assy	01315200052	1	01315200052	1
34	Temperature Sensor	3900005910	1	3900005910	1
35	Temperature Sensor	390000595	1	390000595	1
36	Temperature Sensor	390000456	1	390000456	1
37	Drain Hose Sub-Assy	007008000001	1	007008000001	1
38	Display Board	300001060921	1	300001060921	1

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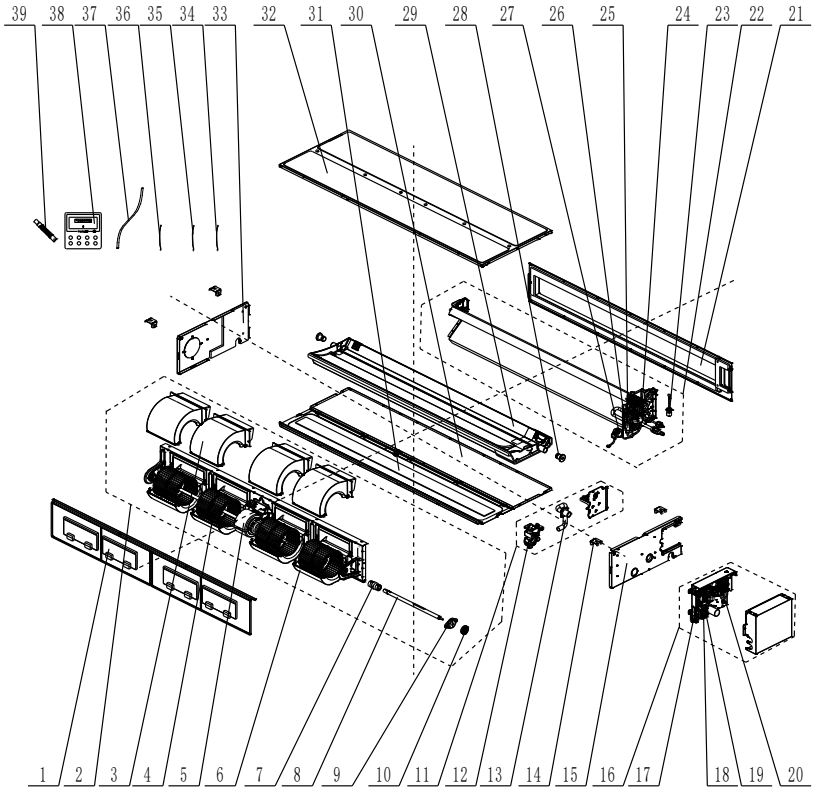
Exploded View of GMV-ND71PLS/C1-T、GMV-ND80PLS/C1-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND71PLS/C1-T	CM810N2590
		GMV-ND80PLS/C1-T	CM810N2540
		Part code	Quantity
1	Filter Sub-Assy	111253039	2
2	Centrifugal fan assy	000052060088	1
3	Propeller Housing(Upper)	26905200018	4
4	Centrifugal Fan	10425200003	4
5	Brushless DC Motor	150104060011	1
6	Propeller Housing(Lower)	26905200019	4
7	Joint Slack	73018731	2
8	Rotary Axis Sub-Assy	73018761	2
9	Support Of Motor Bearing	02285200001	2
10	Bearing Holder Sub-assy	26151139	2
11	Water Pump Assy	000104060009	1
12	Water Pump	812007060016	1
13	Drainage Pipe(Rubber)	760022000001	1
14	Hook 2	01344100034	4
15	Left Side Plate Sub-Assy	017037000010	1
16	Electric Box Assy	100002075993	1
17	Fan board	300094000026	1
18	Terminal Board	42011106	1
19	Terminal Board	42200006005404	1
20	Main Board	300002061887	1
21	Air Outlet Frame Sub-assy	017043060037	1
22	Evaporator Assy	011001062201	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND71PLS/C1-T	CM810N2590
		GMV-ND80PLS/C1-T	CM810N2540
		Part code	Quantity
23	Water Level Switch	430024060005	1
24	Strainer	07213050	1
25	Electronic Expansion Valve	072009000005	1
26	Strainer	035021060019	1
27	Electric Expand Valve Fitting	4304000111	1
28	Rubber Plug	76815200002	2
29	Water Tray	26905200031	1
30	Bottom Cover Plate	01265200084	1
31	Cover Plate Sub-Assy	011657060059	1
32	Top Cover Board Sub-assy	0126520009401	1
33	Right Side Plate Sub-Assy	01315200052	1
34	Temperature Sensor	3900005910	1
35	Temperature Sensor	390000595	1
36	Temperature Sensor	390000456	1
37	Drain Hose Sub-Assy	007008000001	1
38	Display Board	300001060921	1
39	Corrugated Pipe	05015408	1

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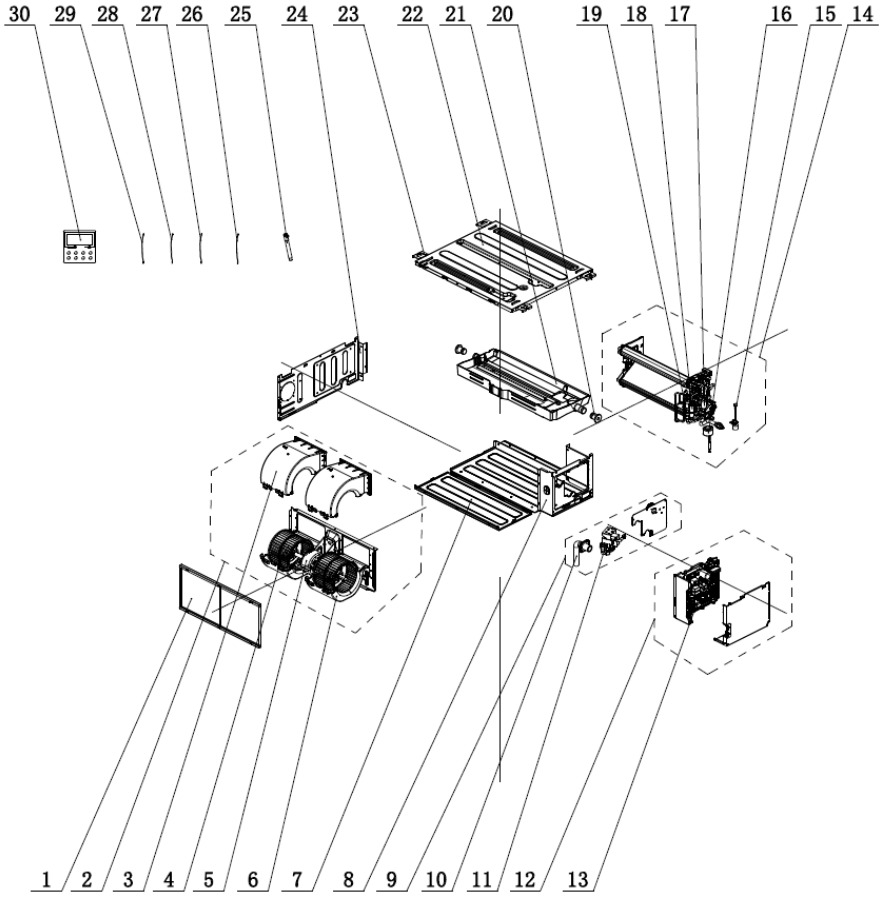
Exploded View of GMV-ND15~56PLS/K-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15PLS/K-T	CM810N3260
		GMV-ND18PLS/K-T	CM810N3160
		GMV-ND22PLS/K-T	CM810N3250
		GMV-ND25PLS/K-T	CM810N3280
		GMV-ND28PLS/K-T	CM810N3170
		Part code	Quantity
1	Filter Sub-Assy	111001060512	1
2	Centrifugal Fan Assy	000052060515	1
3	Propeller Housing	200230060059	2
4	Centrifugal Fan	103003060066	2
5	Brushless DC Motor	150104060143	1
6	Propeller Housing	200230060058	2
7	Cover Of Air-In	012104060005	1
8	Left Side Plate	012055060458	1
9	Water Pump Assy	000104060086	1
10	Rubber Hose	760020060065	1
11	Water Pump	812007060218	1
12	Electric Box Assy	100002084930	1
13	Main Board	300002064083	1
14	Evaporator Assy	011001062707	1
15	Liquid Level Switch	430024060017	1
16	Electric Expand Valve Fitting	07200206000107	1
17	Strainer	07213050	1
18	Electronic Expansion Valve	072009060064	1
19	Strainer	035021060019	1
20	Rubber Plug	76815200002	2
21	Water Tray	200063060026	1
22	Top Cover	012148060347	1
23	Hook	012045060022	4
24	Right Side Plate	012056060500	1
25	Drain Hose Sub-Assy	007008000001	1
26	Temperature Sensor	390000594	1
27	Temperature Sensor	3900005914	1
28	Temperature Sensor	390001060015	1
29	Temperature Sensor	3900004512	1
30	Display Board	300001061724	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND32PLS/K-T	CM810N3270
		GMV-ND36PLS/K-T	CM810N3180
		GMV-ND40PLS/K-T	CM810N3210
		Part code	Quantity
1	Filter Sub-Assy	111001060506	1
2	Centrifugal Fan Assy	000052060688	1
3	Propeller Housing	200230060038	2
4	Centrifugal Fan	103003060059	2
5	Brushless DC Motor	150104060143	1
6	Propeller Housing	200230060039	2
7	Cover Of Air-In	007016060010	1
8	Left Side Plate	000080060275	1
9	Water Pump Assy	000104060086	1
10	Rubber Hose	760020060065	1
11	Water Pump	812007060218	1
12	Electric Box Assy	100002084930	1
13	Main Board	300002064083	1
14	Evaporator Assy	011001063748	1
15	Liquid Level Switch	430024060017	1
16	Electric Expand Valve Fitting	07200206000107	1
17	Strainer	07213050	1
18	Electronic Expansion Valve	072009060064	1
19	Strainer	035021060019	1
20	Rubber Plug	76815200002	2
21	Water Tray	000069060570	1
22	Top Cover	000132060104	1
23	Hook	012045060022	4
24	Right Side Plate	000081060453	1
25	Drain Hose Sub-Assy	007008000001	1
26	Temperature Sensor	390000594	1
27	Temperature Sensor	3900005914	1
28	Temperature Sensor	390001060015	1
29	Temperature Sensor	3900004512	1
30	Display Board	300001061724	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND45PLS/K-T	CM810N3240
		GMV-ND50PLS/K-T	CM810N3200
		GMV-ND56PLS/K-T	CM810N3190
		Part code	Quantity
1	Filter Sub-Assy	111001060507	1
2	Centrifugal Fan Assy	000052060722	1
3	Propeller Housing	200230060054	2
4	Centrifugal Fan	103003060062	2
5	Brushless DC Motor	150104060144	1
6	Propeller Housing	200230060055	2
7	Cover Of Air-In	007016060011	1
8	Left Side Plate	000080060275	1
9	Water Pump Assy	000104060086	1
10	Rubber Hose	760020060065	1
11	Water Pump	812007060218	1
12	Electric Box Assy	100002084930	1
13	Main Board	300002064083	1
14	Evaporator Assy	011001063751	1
15	Liquid Level Switch	430024060017	1
16	Electric Expand Valve Fitting	07200206000107	1
17	Strainer	07213050	1
18	Electronic Expansion Valve	072009060076	1
19	Strainer	035021060019	1
20	Rubber Plug	76815200002	2
21	Water Tray	000069060618	1
22	Top Cover	012148060536	1
23	Hook	012045060022	4
24	Right Side Plate	000081060453	1
25	Drain Hose Sub-Assy	007008000001	1
26	Temperature Sensor	390000594	1
27	Temperature Sensor	3900005914	1
28	Temperature Sensor	390001060015	1
29	Temperature Sensor	3900004512	1
30	Display Board	300001061724	1

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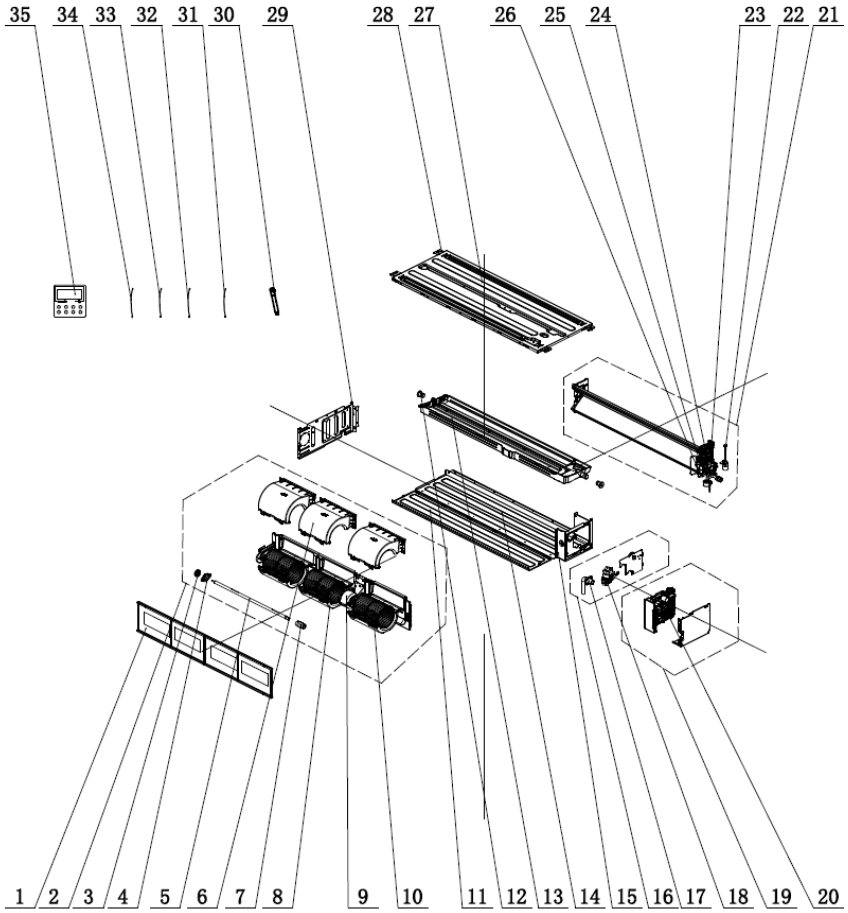
Exploded View of GMV-ND63PLS/K-T，GMV-ND71PLS/K-T:

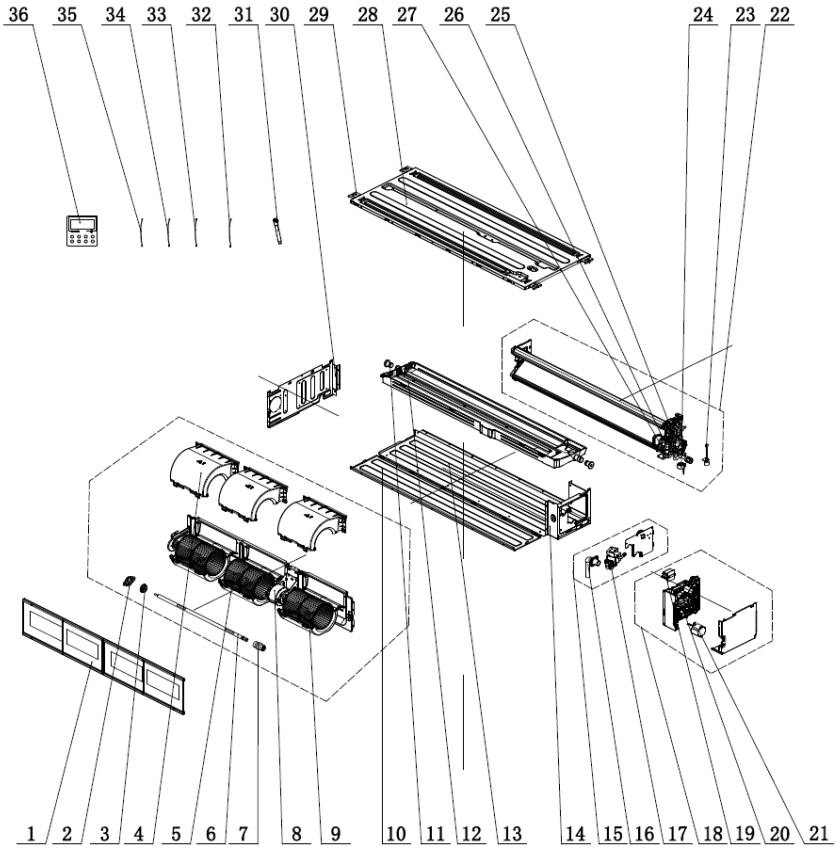


No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND63PLS/K-T	CM810N3130
		GMV-ND71PLS/K-T	CM810N3140
		Part code	Quantity
1	Filter Sub-Assy	111001060513	2
2	Centrifugal Fan Assy	000052060700	1
3	Bearing Holder Sub-Assy	26151139	1
4	Support Of Motor Bearing	02285200001	1
5	Rotary Axis Sub-Assy	700003060019	1
6	Propeller Housing	200230060054	3
7	Joint Slack	73018731	1
8	Centrifugal Fan	103003060062	3
9	Brushless DC Motor	150104060163	1
10	Propeller Housing	200230060055	3
11	Cover Of Air-In	012104060007	1
12	Rubber Plug	76815200002	2
13	Water Tray	200063060039	1
14	Bottom Cover Plate	012147060285	1
15	Left Side Plate	012055060458	1
16	Water Pump Assy	000104060086	1
17	Rubber Hose	760020060065	1
18	Water Pump	812007060218	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND63PLS/K-T	CM810N3130
		GMV-ND71PLS/K-T	CM810N3140
		Part code	Quantity
19	Electric Box Assy	100002084930	1
20	Main Board	300002064083	1
21	Evaporator Assy	011001063532	1
22	Liquid Level Switch	430024060017	1
23	Electric Expand Valve Fitting	07200206000107	1
24	Strainer	07213050	1
25	Electronic Expansion Valve	072009060076	1
26	Strainer	035021060019	1
27	Top Cover	012148060537	1
28	Hook	012045060022	4
29	Right Side Plate	012056060500	1
30	Drain Hose Sub-Assy	007008000001	1
31	Temperature Sensor	390000594	1
32	Temperature Sensor	390001060015	1
33	Temperature Sensor	3900005914	1
34	Temperature Sensor	3900004512	1
35	Display Board	300001061724	1

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND80PLS/K-T:

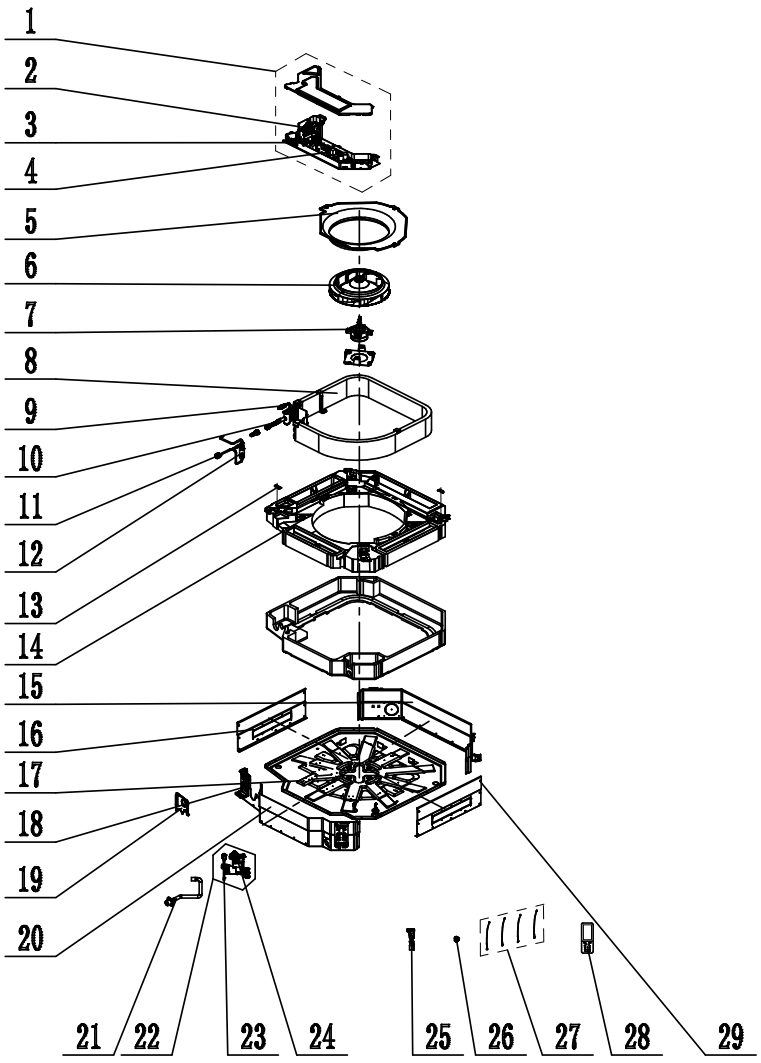


No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND80PLS/K-T	CM810N3150
		Part code	Quantity
1	Filter Sub-Assy	111001060513	2
2	Support Of Motor Bearing	02285200001	1
3	Bearing Holder Sub-Assy	26151139	1
4	Propeller Housing	200230060054	3
5	Centrifugal Fan	103003060062	3
6	Rotary Axis Sub-Assy	700003060019	1
7	Joint Slack	73018731	1
8	Brushless DC Motor	150104060152	1
9	Propeller Housing	200230060055	3
10	Cover Of Air-In	012104060007	1
11	Rubber Plug	76815200002	2
12	Water Tray	200063060039	1
13	Bottom Cover Plate	012147060285	1
14	Left Side Plate	012055060458	1
15	Water Pump Assy	000104060086	1
16	Rubber Hose	760020060065	1
17	Water Pump	812007060218	1
18	Electric Box Assy	100002082658	1
19	Radiator	430034060043	1
20	Main Board	300002064082	1
21	Leaded PFC Inductance	4312800001412	1
22	Evaporator Assy	011001063740	1
23	Liquid Level Switch	430024060017	1
24	Electric Expand Valve Fitting	07200206000107	1
25	Strainer	07213050	1
26	Electronic Expansion Valve	072009060076	1
27	Strainer	035021060019	1
28	Top Cover	012148060537	1
29	Hook	012045060022	4
30	Right Side Plate	012056060500	1
31	Drain Hose Sub-Assy	007008000001	1
32	Temperature Sensor	390000594	1
33	Temperature Sensor	3900005914	1
34	Temperature Sensor	390001060015	1
35	Temperature Sensor	3900004512	1
36	Display Board	300001061724	1

Above data is subject to change without notice, pls reference the SP in global service website.

5.4 4-way Cassette Type

Exploded View of GMV-ND28T/A-T, GMV-ND36T/A-T, GMV-ND45T/A-T, GMV-ND50T/A-T

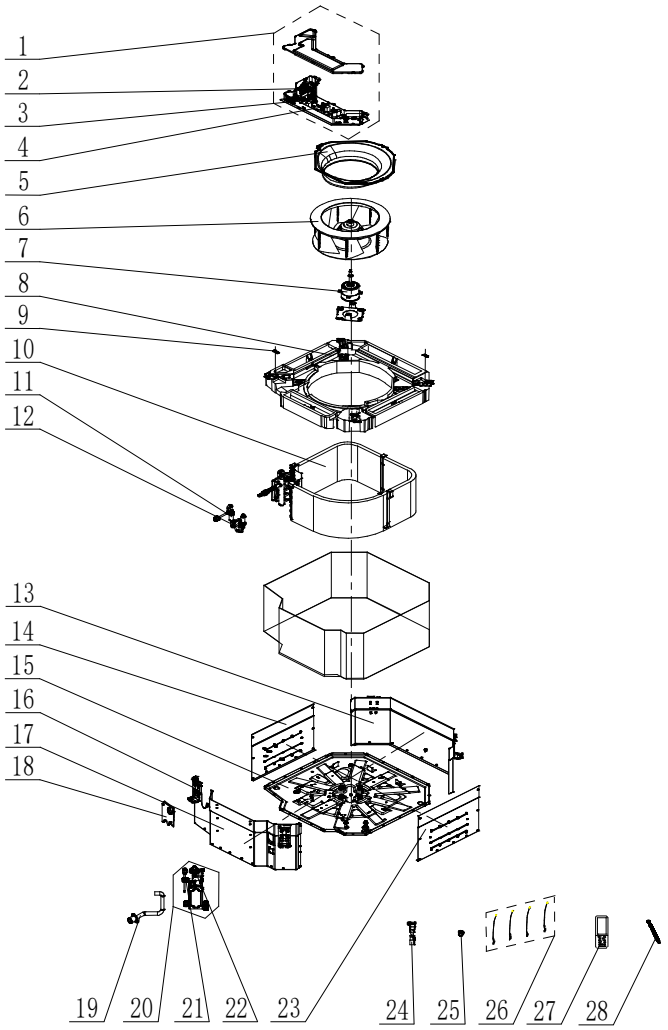


No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Terminal Board
4	Main Board
5	Diversion Circle
6	Centrifugal Fan
7	Brushless DC Motor
8	Evaporator Assy
9	Strainer
10	Corrugated Pipe
11	Electronic Expansion Valve
12	Strainer
13	Hook

No.	Name of part
14	Water Tray Assy
15	Rear Side Plate
16	Left Side Plate
17	Base Plate Assy
18	Body Installing Plate
19	Tube Exit Plate Assy
20	Front Side Plate
21	Pump Drainpipe
22	Water Pump Assy
23	Water Level Switch
24	Water Pump
25	Drain Hose Sub-Assy
26	Electric Expand Valve Fitting
27	Sensor Sub-assy
28	Remote Controller
29	Right Side Plate

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND56T/A-T, GMV-ND63T/A-T, GMV-ND71T/A-T, GMV-ND80T/A-T, GMV-ND90T/A-T, GMV-ND100T/A-T, GMV-ND112T/A-T, GMV-ND125T/A-T, GMV-ND140T/A-T.



No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Terminal Board
4	Main Board
5	Diversion Circle
6	Centrifugal Fan
7	Brushless DC Motor
8	Water Tray Assy
9	Hook
10	Evaporator Assy
11	Strainer
12	Electronic Expansion Valve
13	Rear Side Plate
14	Left Side Plate
15	Base Plate Assy
16	Body Installing Plate

No.	Name of part
17	Front Side Plate
18	Tube Exit Plate Assy
19	Pump Drainpipe
20	Water Pump Assy
21	Water Level Switch
22	Water Pump
23	Right Side Plate
24	Drain Hose Sub-Assy
25	Electric Expand Valve Fitting
26	Sensor Sub-Assy
27	Remote Controller
28	Corrugated Pipe

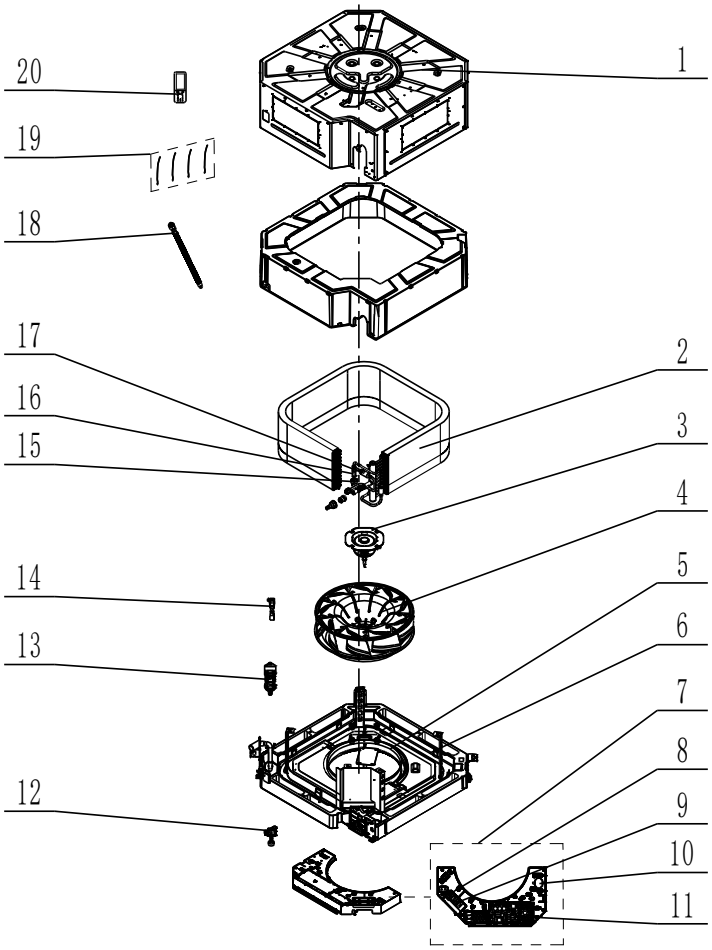
Above data is subject to change without notice, pls refer the SP in global service website.

No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Terminal Board
4	Main Board
5	Diversion Circle
6	Centrifugal Fan
7	Brushless DC Motor
8	Water Tray Assy
9	Hook
10	Evaporator Assy
11	Strainer
12	Electronic Expansion Valve
13	Rear Side Plate
14	Left Side Plate
15	Base Plate Assy
16	Body Installing Plate
17	Front Side Plate
18	Tube Exit Plate Assy
19	Pump Drainpipe
20	Water Pump Assy
21	Water Level Switch
22	Water Pump
23	Right Side Plate
24	Drain Hose Sub-Assy
25	Electric Expand Valve Fitting
26	Sensor Sub-Assy

No.	Name of part
27	Remote Controller
28	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND160T/A-T:



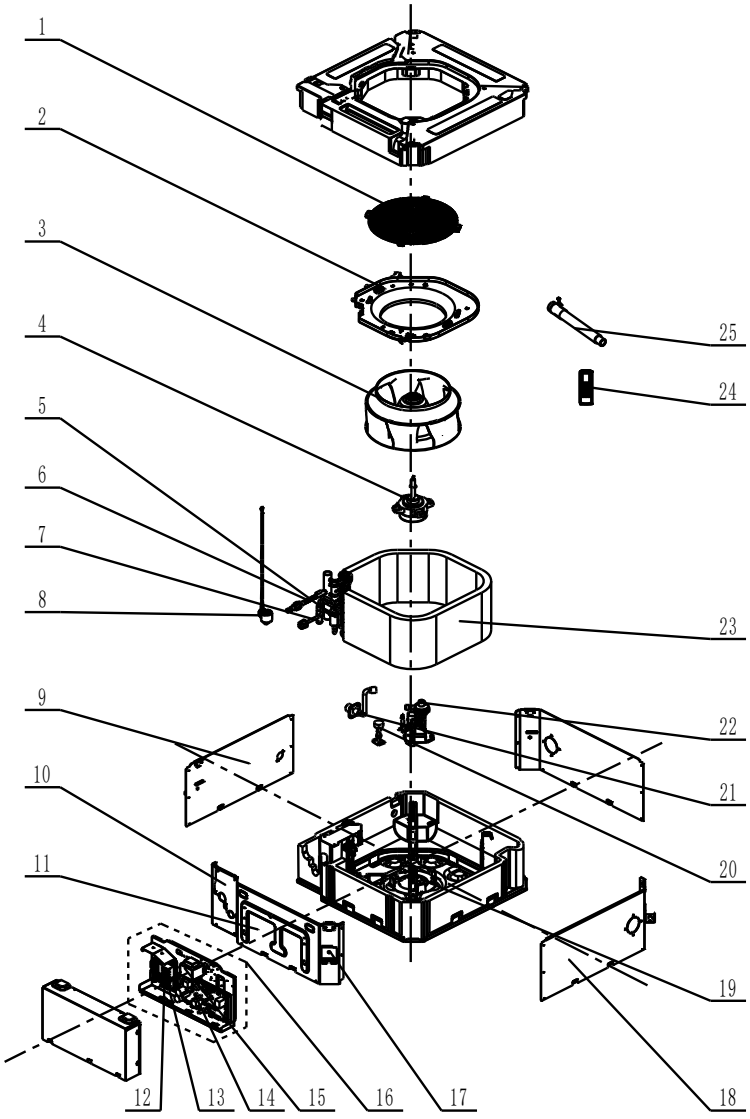
No.	Name of part
1	Shell Assy
2	Evaporator Assy
3	Brushless DC Motor
4	Centrifugal Fan
5	Diversion Circle
6	Water Tray Assy
7	Electric Box Assy
8	Terminal Board
9	Terminal Board
10	Inductance
11	Main Board
12	Liquid Level Switch
13	Water Pump

No.	Name of part
14	Drain Hose Sub-Assy
15	Electric Expand Valve Fitting
16	Electronic Expansion Valve
17	Strainer
18	Corrugated Pipe
19	Sensor Sub-assy
20	Remote Controller

Above data is subject to change without notice, pls reference the SP in global service website.

5.5 Compact 4-way Cassette Type

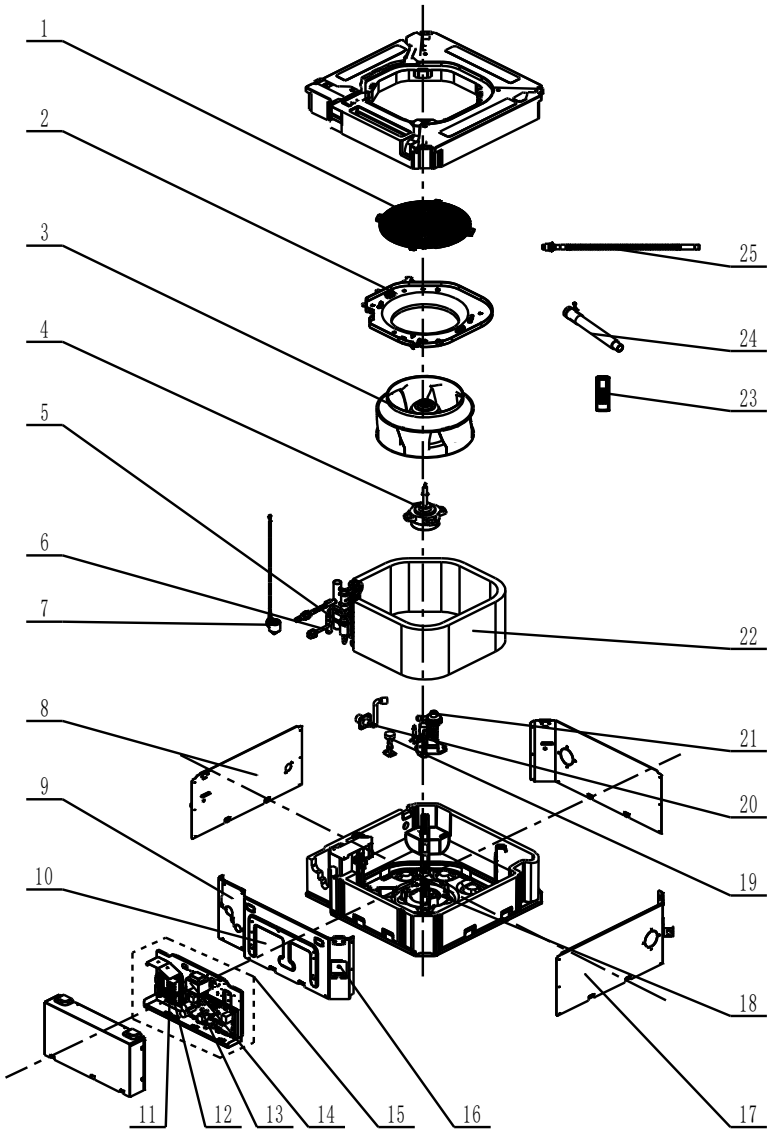
Exploded View of GMV-ND22T/B-T, GMV-ND28T/B-T, GMV-ND36T/B-T, GMV-ND45T/B-T, GMV-ND50T/B-T



No.	Name of part
1	Rear Grill
2	Diversion Circle
3	Centrifugal Fan
4	Brushless DC Motor
5	Strainer
6	Corrugated Pipe
7	Electronic Expansion Valve
8	Electric Expand Valve Fitting
9	Left Side Plate Sub-Assy
10	Cover Plate Sub-Assy
11	Front Side Plate Sub-Assy
12	Terminal Board
13	Terminal Board
14	Main Board
15	Transformer
16	Electric Box Assy
17	Body Installing Support
18	Right Side Plate Sub-Assy
19	Base Plate Assy
20	Liquid Level Switch
21	Pump Drainpipe
22	Water Pump
23	Evaporator Assy
24	Remote Controller
25	Drain Hose

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND56T/B-T:



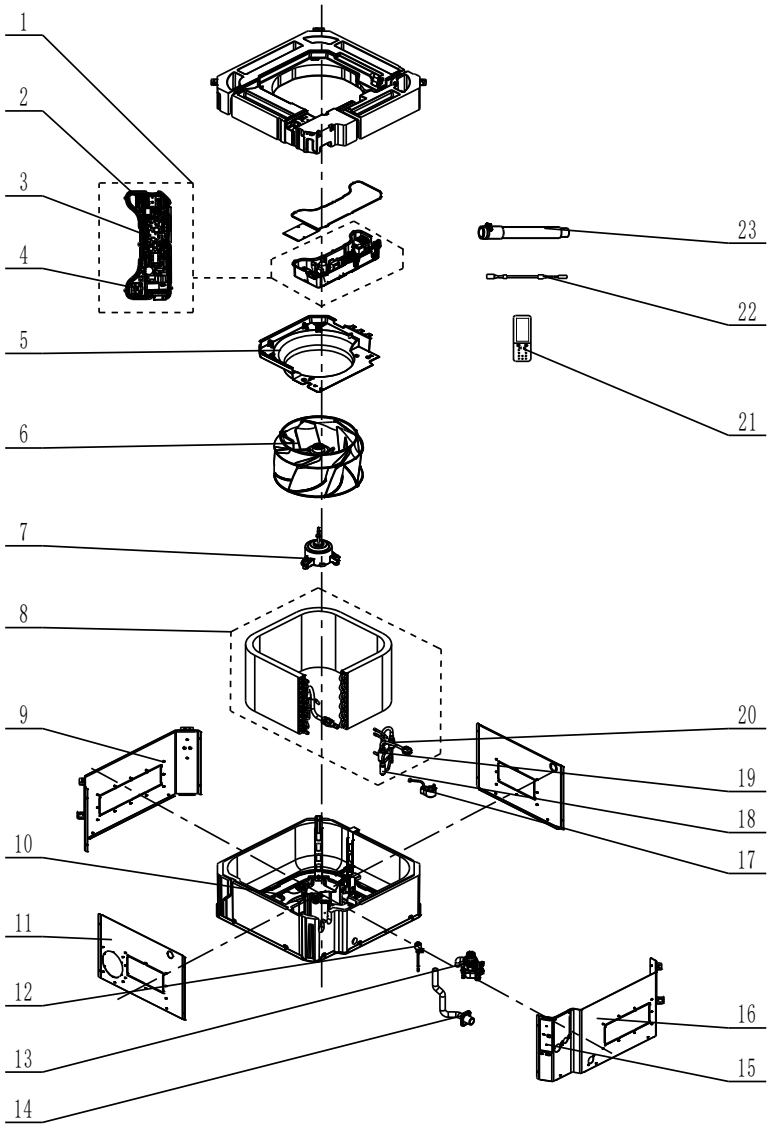
No.	Name of part
1	Rear Grill
2	Diversion Circle
3	Centrifugal Fan
4	Brushless DC Motor
5	Strainer
6	Electronic Expansion Valve
7	Electric Expand Valve Fitting
8	Left Side Plate Sub-Assy
9	Cover Plate Sub-Assy
10	Front Side Plate Sub-Assy
11	Terminal Board
12	Terminal Board
13	Main Board
14	Transformer
15	Electric Box Assy
16	Body Installing Support
17	Right Side Plate Sub-Assy

No.	Name of part
18	Base Plate Assy
19	Liquid Level Switch
20	Pump Drainpipe
21	Water Pump
22	Evaporator Assy
23	Remote Controller
24	Drain Hose
25	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

5.6 360°Air Discharge Compact Cassette Type

Exploded View of GMV-ND15T/E-T, GMV-ND18T/E-T, GMV-ND22T/E-T, GMV-ND28T/E-T, GMV-ND36T/E-T, GMV-ND45T/E-T, GMV-ND50T/E-T

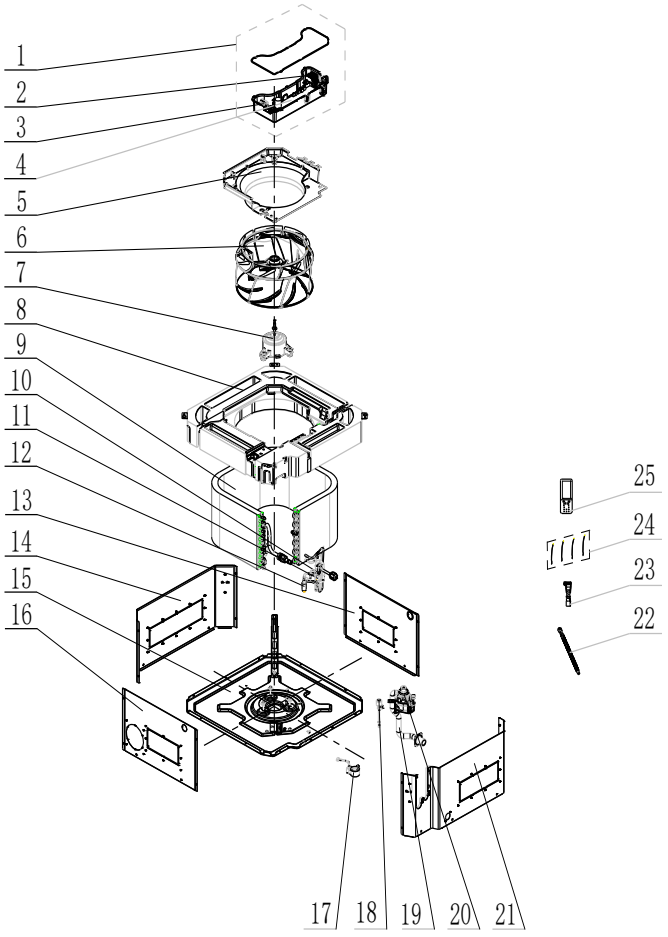


No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board

No.	Name of part
4	Terminal Board
5	Flow Guide Loop
6	Centifugal Fan
7	Brushless DC Motor
8	Evaporator Assy
9	Side Plate
10	Seat Board Sub-Assy
11	Side Plate
12	Liquid Level Switch
13	Water Pump PSB-0.024/1.2-A
14	Drain Pipe
15	Mounting Rack Sub-Assy
16	Side Plate
17	Electric expand valve fitting
18	Electronic Expansion Valve
19	Strainer
20	Strainer
21	Remote Controller
22	Sensor Sub-assy
23	Drain Hose

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND56T/E-T

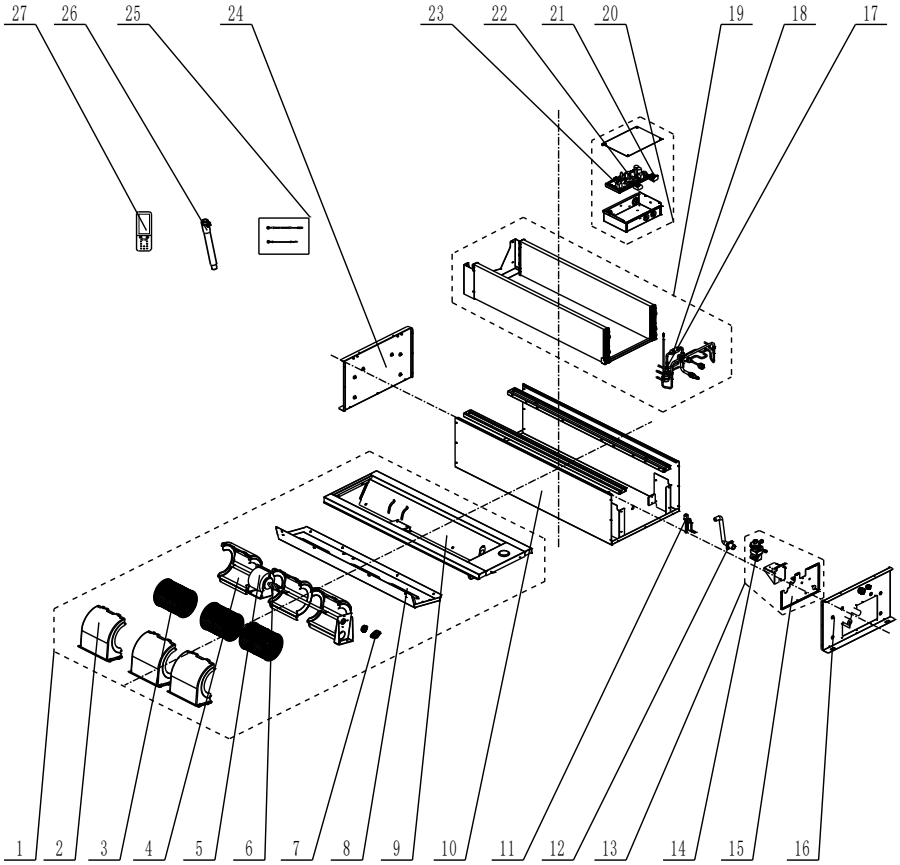


No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Terminal Board
4	Main Board
5	Flow Guide Loop
6	Centifugal Fan
7	Brushless DC Motor
8	Water Tray Assy
9	Evaporator Assy
10	Strainer
11	Strainer
12	Electronic Expansion Valve
13	Side Plate
14	Side Plate
15	Seat Board Sub-Assy
16	Side Plate
17	Electric Expand Valve Fitting
18	Liquid Level Switch
19	Drain Pipe
20	Water Pump
21	Side Plate
22	Corrugated Pipe
23	Drain Hose Sub-Assy
24	Sensor Sub-Assy
25	Remote Controller

Above data is subject to change without notice, pls reference the SP in global service website.

5.7 2-way Cassette Type

Exploded View of GMV-ND28TS/A-T, GMV-ND36TS/A-T, GMV-ND45TS/A-T, GMV-ND50TS/A-T

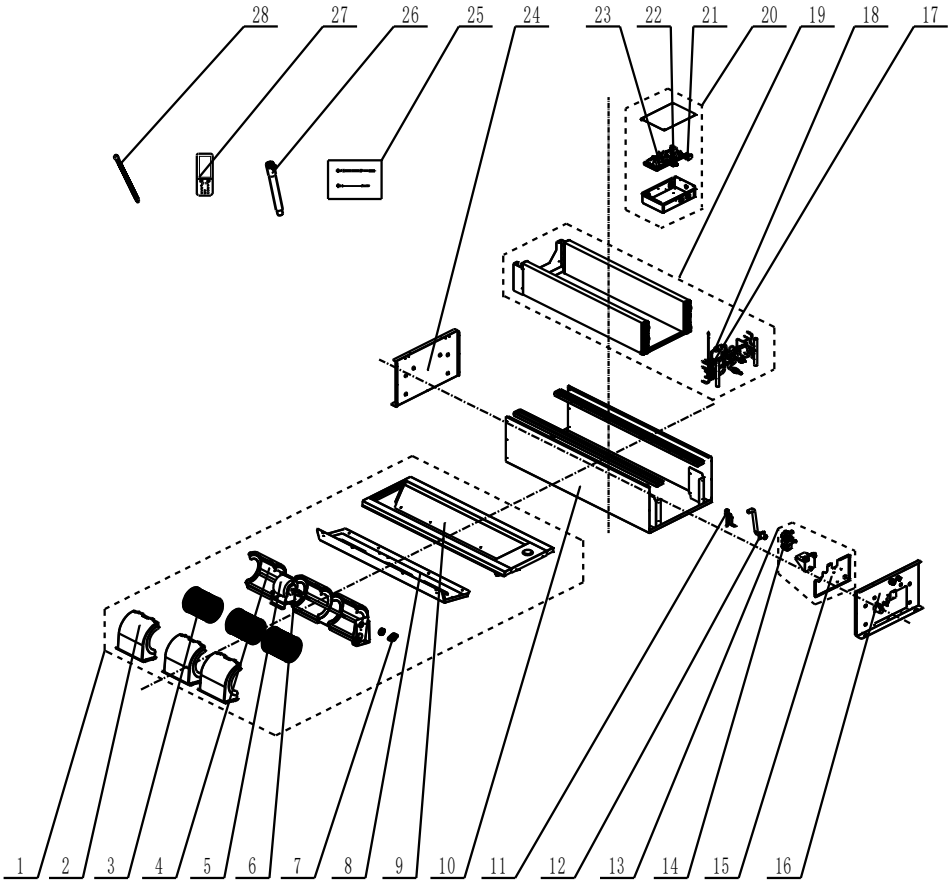


No.	Name of part
1	Centrifugal fan assy
2	Front Volute Casing
3	Centrifugal fan
4	Rear Volute Casing
5	Brushless DC Motor
6	Joint Slack
7	Support Of Motor Bearing
8	Water Tray Sub-Assy
9	Water Tray Sub-Assy2
10	Base Plate Assy
11	Liquid Level Switch
12	Pump Drainpipe
13	Tube Exit Plate Assy
14	Water Pump
15	Tube-exit Plate
16	Right Side Plate
17	Electronic Expansion Valve
18	Strainer
19	Evaporator Assy
20	Electric Box Assy
21	Terminal Board
22	Terminal Board

No.	Name of part
23	Main Board
24	Left Side Plate
25	Sensor Sub-assy
26	Drain Hose
27	Remote Controller

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND56TS/A-T, GMV-ND63TS/A-T, GMV-ND71TS/A-T

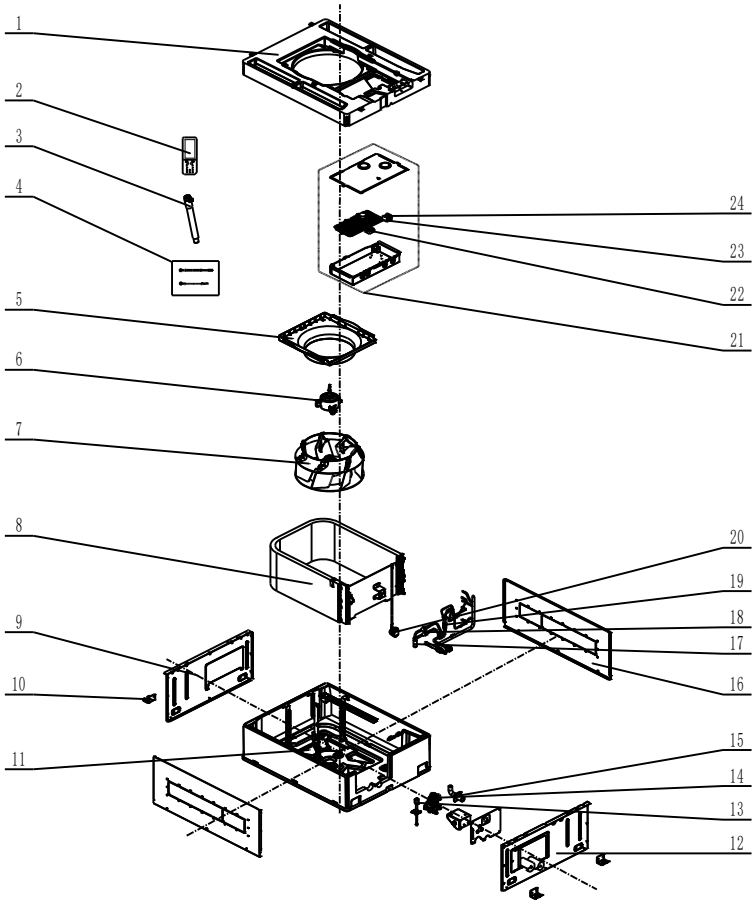


No.	Name of part
1	Centrifugal fan assy
2	Front Volute Casing
3	Centrifugal fan
4	Rear Volute Casing
5	Brushless DC Motor
6	Joint Slack
7	Support Of Motor Bearing
8	Water Tray Sub-Assy
9	Water Tray Sub-Assy2
10	Base Plate Assy
11	Liquid Level Switch
12	Pump Drainpipe
13	Tube Exit Plate Assy
14	Water Pump
15	Tube-exit Plate

No.	Name of part
16	Right Side Plate
17	Electronic Expansion Valve
18	Strainer
19	Evaporator Assy
20	Electric Box Assy
21	Terminal Board
22	Terminal Board
23	Main Board
24	Left Side Plate
25	Sensor Sub-assy
26	Drain Hose
27	Remote Controller
28	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND28TS/B-T, GMV-ND36TS/B-T, GMV-ND45TS/B-T, GMV-ND50TS/B-T:

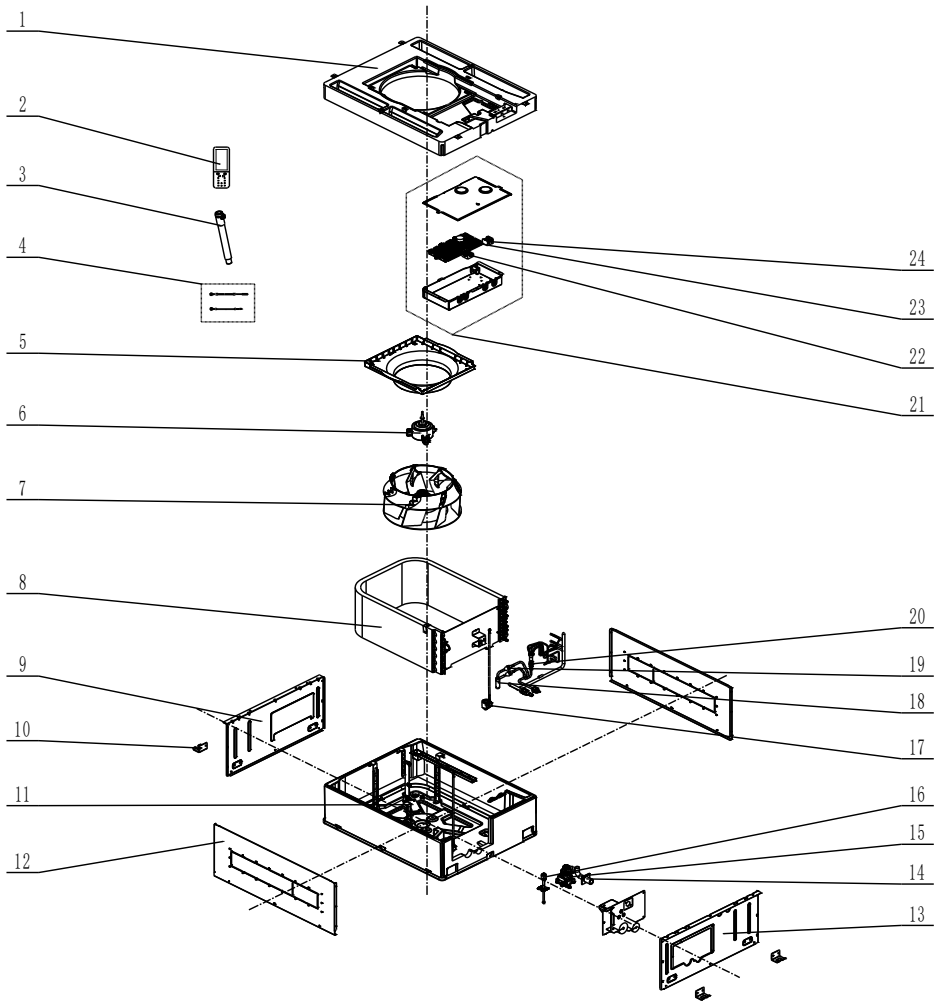


No.	Name of part
1	Foam Sub- Assy
2	Remote Controller
3	Drain Hose
4	Sensor Sub-assy
5	Diversion Circle
6	Brushless DC Motor

No.	Name of part
7	Centrifugal Fan
8	Evaporator Assy
9	Left Side Plate
10	Hook
11	Seat Board Sub-Assy
12	Right Side Plate
13	Water Level Switch
14	Water Pump
15	Drainage Pipe Assy
16	Side Plate
17	Electronic Expansion Valve
18	Strainer
19	Strainer
20	Electric Expand Valve Fitting
21	Electric Box Assy
22	Terminal Board
23	Main Board
24	Terminal Board

Above data is subject to change without notice, pls reference the SP in global service website.

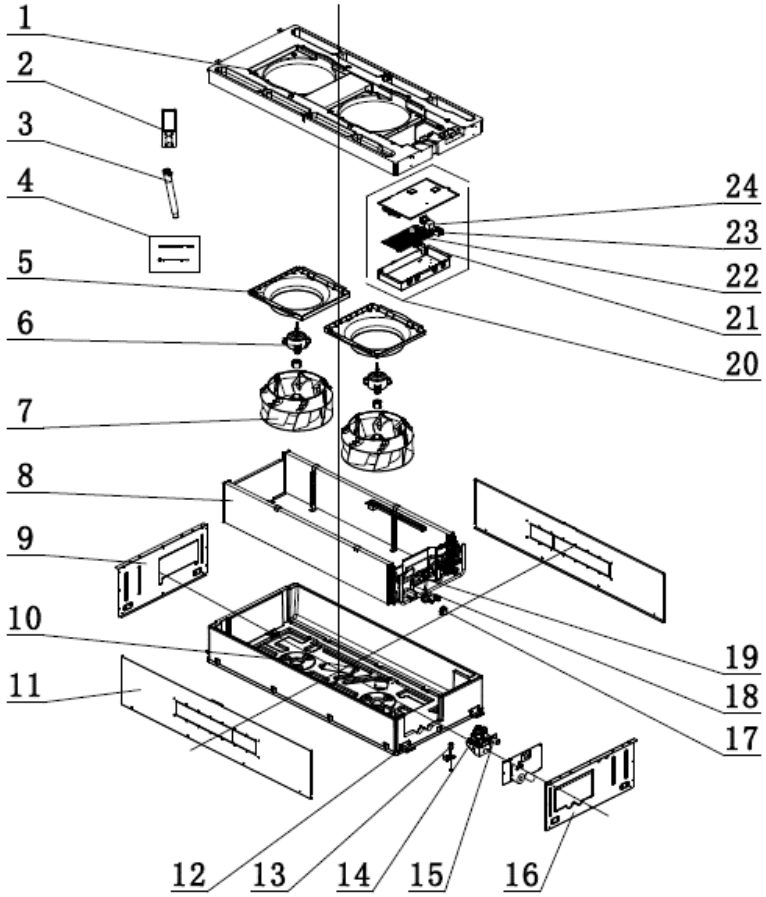
Exploded View of GMV-ND56TS/B-T, GMV-ND63TS/B-T, GMV-ND71TS/B-T, GMV-ND80TS/B-T:



No.	Name of part
1	Foam Sub- Assy
2	Remote Controller
3	Drain Hose
4	Sensor Sub-assy
5	Diversion Circle
6	Brushless DC Motor
7	Centrifugal Fan
8	Evaporator Assy
9	Left Side Plate
10	Hook
11	Seat Board Sub-Assy
12	Side Plate
13	Right Side Plate
14	Drainage Pipe Assy
15	Water Pump
16	Water Level Switch
17	Electric Expand Valve Fitting
18	Electronic Expansion Valve
19	Strainer
20	Strainer
21	Electric Box Assy
22	Terminal Board
23	Main Board
24	Terminal Board

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND90TS/B-T, GMV-ND100TS/B-T, GMV-ND112TS/B-T, GMV-ND125TS/B-T, GMV-ND140TS/B-T, GMV-ND160TS/B-T:

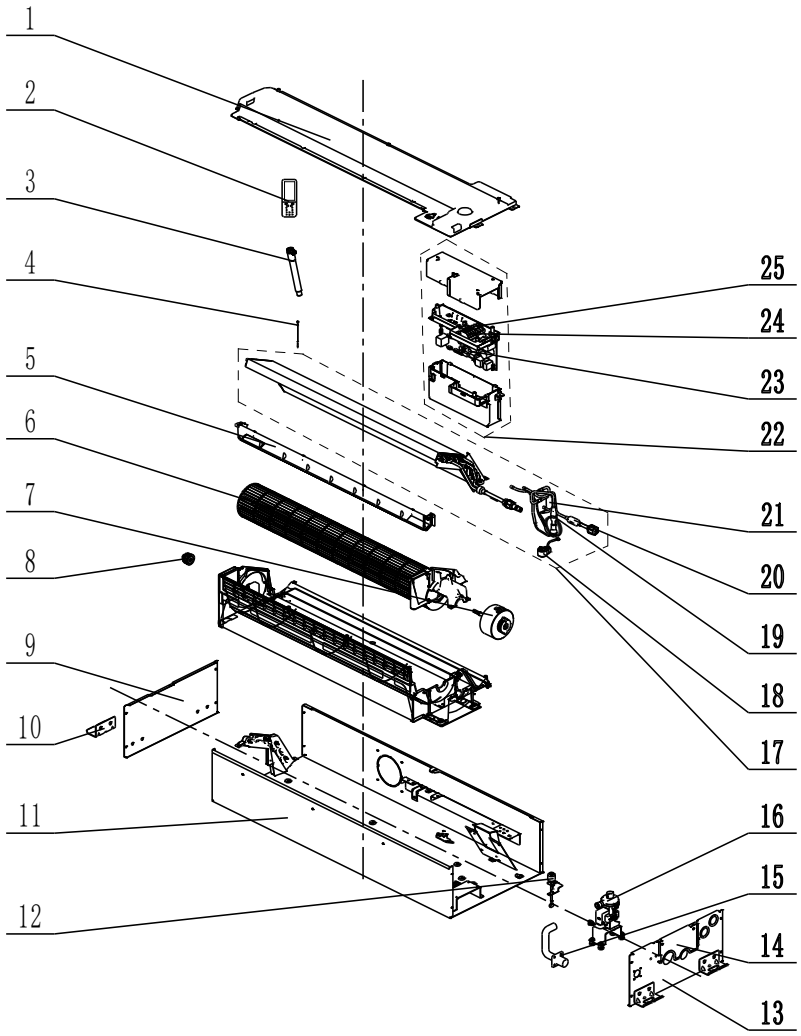


No.	Name of part
1	Foam Sub- Assy
2	Remote Controller
3	Drain Hose
4	Sensor Sub-assy
5	Diversion Circle
6	Brushless DC Motor
7	Centrifugal Fan
8	Evaporator Assy
9	Left Side Plate
10	Seat Board Sub-Assy
11	Side Plate
12	Hook
13	Water Level Switch
14	Water Pump
15	Drain Pipe Assy
16	Right Side Plate Sub-Assy
17	Electric Expand Valve Fitting
18	Electronic Expansion Valve
19	Strainer
20	Electric Box Assy
21	Terminal Board
22	Main Board

No.	Name of part
23	Terminal Board
24	Filter Board

5.8 1-way Cassette Type

Exploded View of GMV-ND22TD/A-T, GMV-ND28TD/A-T, GMV-ND36TD/A-T:

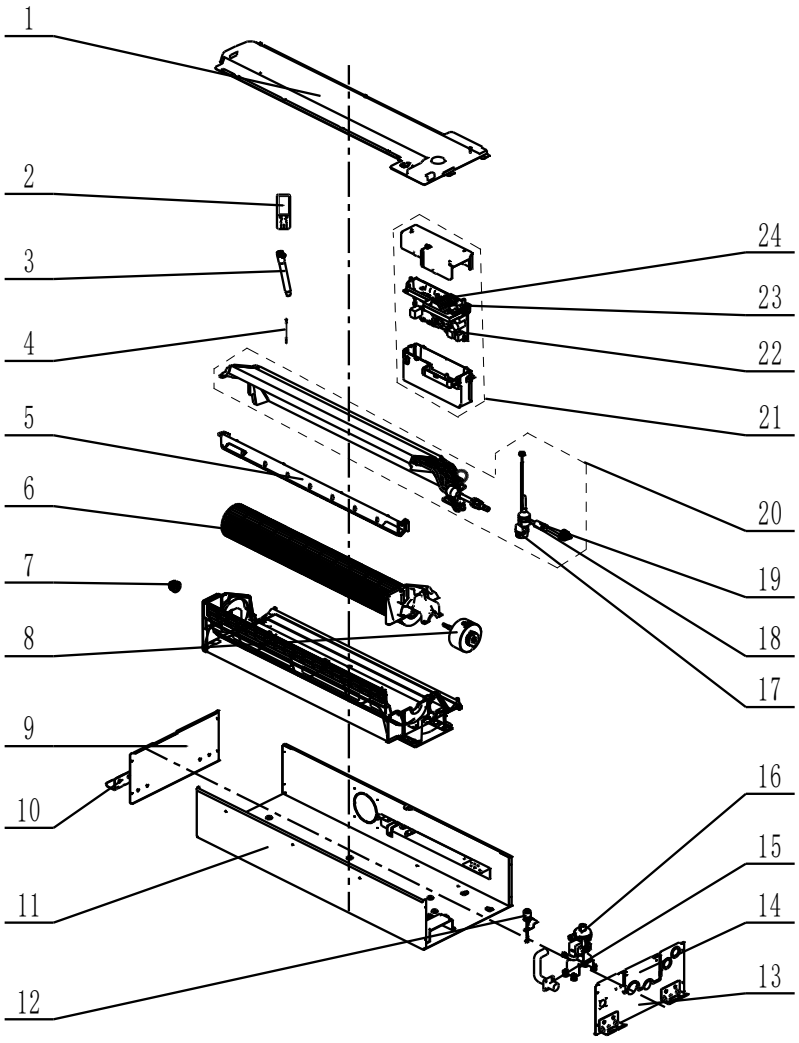


No.	Name of part
1	Water Tray Sub-Assy
2	Remote Controller
3	Drain Hose
4	Temperature Sensor
5	Helicoid Tongue sub-assy
6	Cross Flow Fan
7	Brushless DC Motor
8	O-Gasket of Cross Fan Bearing
9	Left Side Plate
10	Hook
11	Chassis Assy
12	Liquid Level Switch

No.	Name of part
13	Right Side Plate
14	Tube-exit Plate
15	Pump Drainpipe
16	Water Pump
17	Evaporator Assy
18	Electric expand valve fitting
19	Strainer
20	Strainer
21	Electronic Expansion Valve
22	Electric Box Assy
23	Main Board
24	Terminal Board
25	Terminal Board

Above data is subject to change without notice, pls reference the SP in global service website.

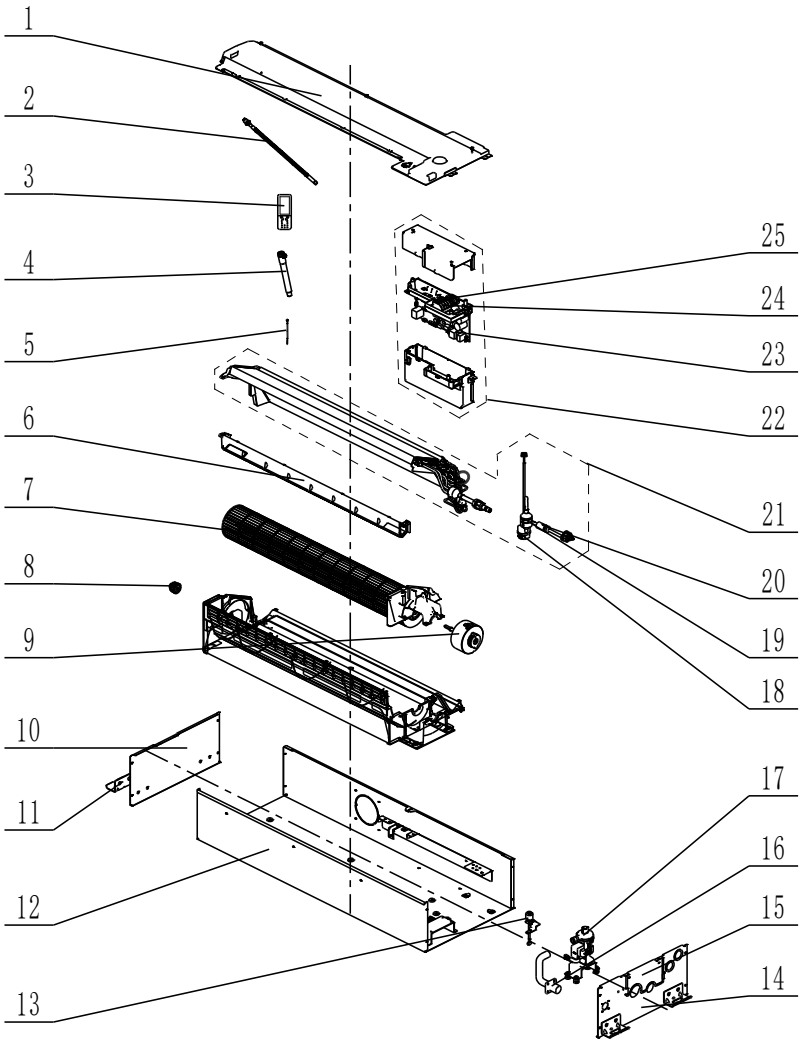
Exploded View of GMV-ND45TD/A-T, GMV-ND50TD/A-T:



No.	Name of part
1	Water Tray Sub-Assy
2	Remote Controller
3	Drain Hose
4	Temperature Sensor
5	Helicoid Tongue sub-assy
6	Cross Flow Fan
7	O-Gasket of Cross Fan Bearing
8	Brushless DC Motor
9	Left Side Plate
10	Hook
11	Chassis Assy
12	Liquid Level Switch
13	Right Side Plate
14	Tube-exit Plate
15	Pump Drainpipe
16	Water Pump
17	Electronic Expansion Valve
18	Strainer
19	Strainer
20	Evaporator Assy
21	Electric Box Assy
22	Main Board
23	Terminal Board
24	Terminal Board

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND56TD/A-T:

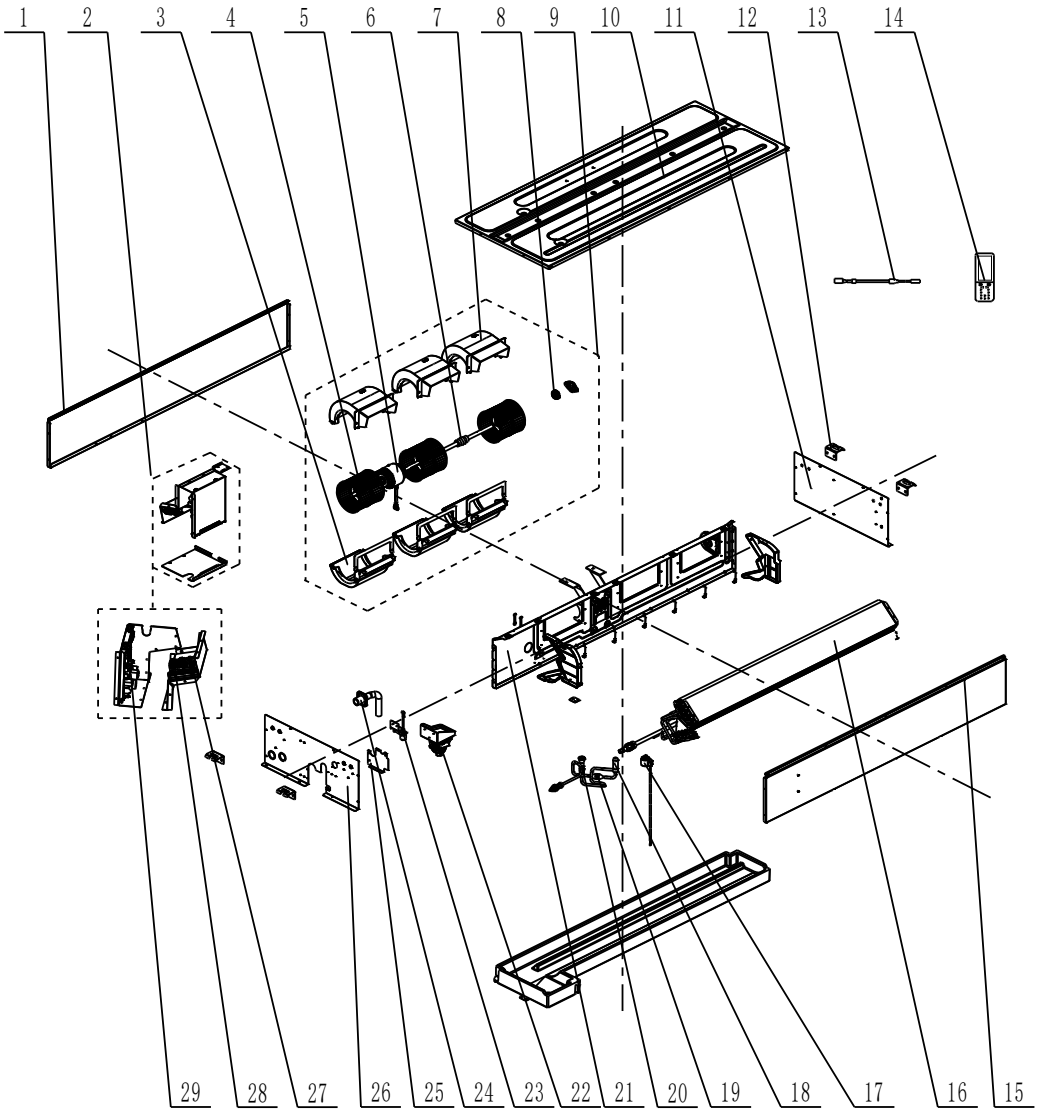


No.	Name of part
1	Water Tray Sub-Assy
2	Corrugated Pipe
3	Remote Controller
4	Drain Hose
5	Temperature Sensor
6	Helicoid Tongue sub-assy
7	Cross Flow Fan
8	O-Gasket of Cross Fan Bearing
9	Brushless DC Motor
10	Left Side Plate
11	Hook
12	Chassis Assy
13	Liquid Level Switch
14	Right Side Plate
15	Tube-exit Plate
16	Pump Drainpipe

No.	Name of part
17	Water Pump
18	Electronic Expansion Valve
19	Strainer
20	Strainer
21	Evaporator Assy
22	Electric Box Assy
23	Main Board
24	Terminal Board
25	Terminal Board

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND63TD/B-T, GMV-ND71TD/B-T, GMV-ND80TD/B-T：



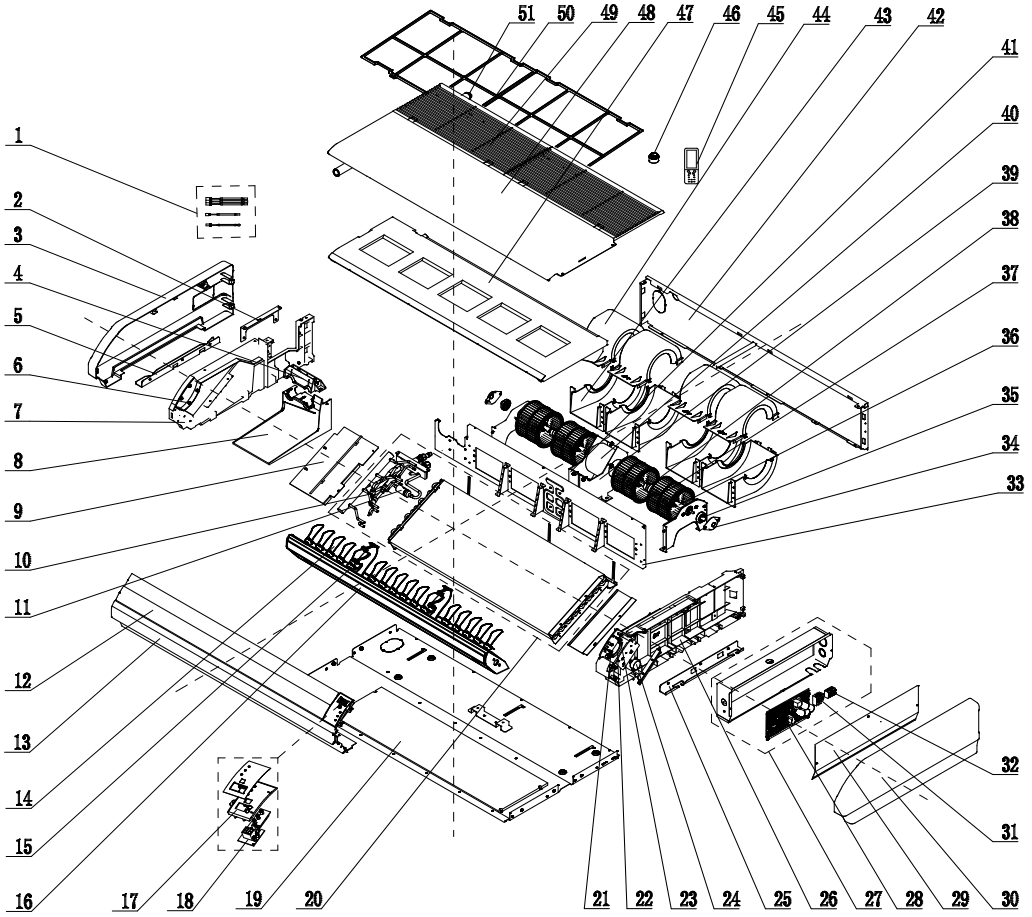
No.	Name of part
1	Behind Cover Plate
2	Electric Box Assy

No.	Name of part
3	Propeller Housing(lower)
4	Centrifugal Fan
5	Brushless DC Motor
6	Joint Slack
7	Propeller Housing(upper)
8	Bearing Holder Sub-assy
9	Centrifugal Fan Assy
10	Top Cover
11	Left Side Plate
12	Hook
13	Sensor Sub-assy
14	Remote Controller
15	Front Cover Plate
16	Evaporator Assy
17	Electronic Expansion Valve Fitting
18	Electronic Expansion Valve
19	Strainer
20	Strainer
21	Blower Mounting Plate Sub-Assy
22	Water Pump
23	Liquid Level Switch
24	Pump Drainpipe
25	Seal Plate Assy
26	Right Side Plate
27	Terminal Board(3-bit)
28	Terminal Board(4-bit)
29	Main Board

Above data is subject to change without notice, pls reference the SP in global service website.

5.9 Floor Ceiling Type

Exploded View of GMV-ND28ZD/A-T, GMV-ND36ZD/A-T, GMV-ND50ZD/A-T, GMV-ND56ZD/A-T:

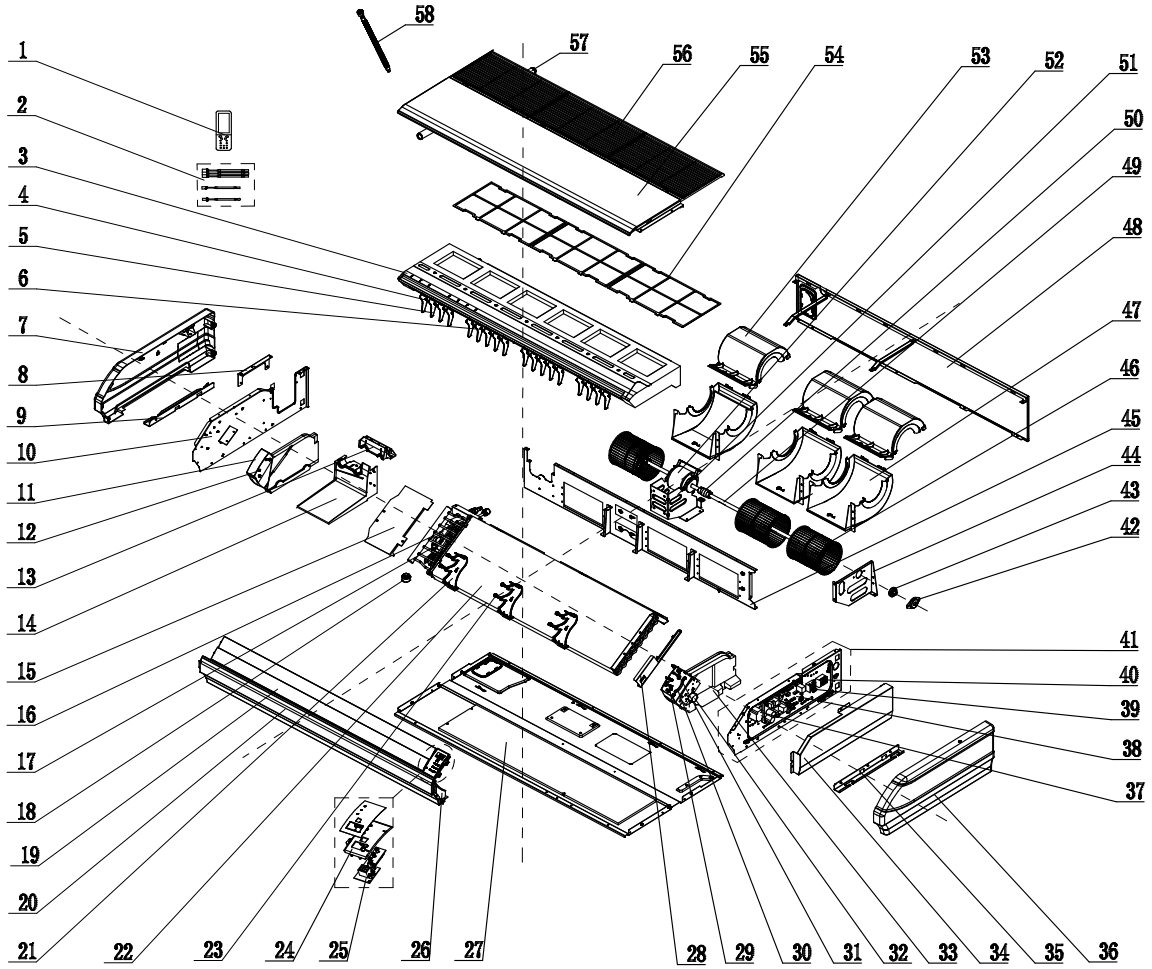


No.	Name of part
1	Sensor Sub-Assy
2	Connection Board
3	Right Cover Plate
4	Plate Board of Water Releasing Flume
5	Installation Supporting Frame(right)
6	Axile Bush
7	Right Cover Plate
8	Water Releasing Flume
9	Connected Board (Evaporator)
10	Electronic Expansion Valve
11	Strainer
12	Guide Louver
13	Front Connection Board
14	Air Louver
15	Rotating Shaft 3
16	Guide Louver Supporter Sub-Assy
17	Fixed Mount(Display board)
18	Display Board
19	Rear Side Plate Sub-Assy
20	Evaporator Assy
21	Rotating Shaft 1

No.	Name of part
22	Connecting Rod
23	Rotating Shaft 2
24	Stepping Motor
25	Installation Supporting Frame(left)
26	Left Side Plate Sub-Assy
27	Electric Box Assy
28	Main Board
29	Electric Box Cover
30	Left Cover Plate
31	Terminal Board
32	Terminal Board
33	Mid-clapboard sub-Assy
34	Support Of Motor Bearing
35	O-Gasket of Bearing
36	Rotary Axis Sub-Assy
37	Centrifugal Fan
38	Joint Slack
39	Supporter 2
40	Brushless DC Motor
41	Supporter 1
42	Rear Connection board
43	Front Volute Casing
44	Rear Volute Casing
45	Remote Controller
46	Electric expand valve fitting
47	Water Tray Assy
48	Top Cover Board Sub-assy
49	Front Grill
50	Filter Sub-Assy
51	Drainage Pipe Sub-assy

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND63ZD/A-T, GMV-ND71ZD/A-T, GMV-ND90ZD/A-T:

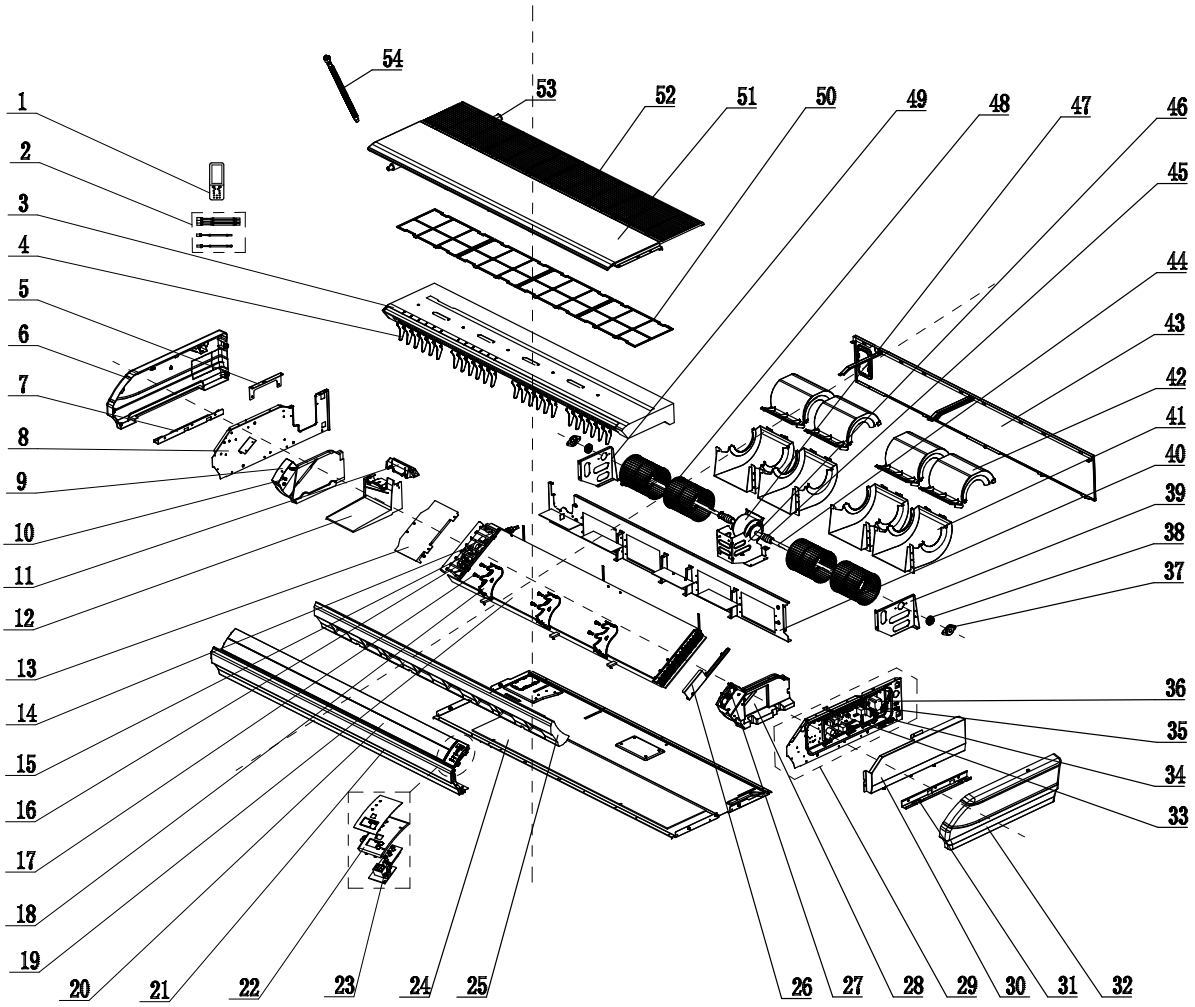


No.	Name of part
1	Remote Controller
2	Sensor Sub-assy
3	Water Tray Assy
4	Swing Lever
5	Air Louver
6	Swing Lever
7	Right Cover Plate
8	Connection Board
9	Installation Supporting Frame
10	Right Side Plate Sub-Assy
11	Right Foam Assy
12	Axile Bush
13	Plate Board of Water Releasing Flume
14	Water Releasing Flume
15	connected board (evaporator)
16	Strainer
17	Electronic Expansion Valve
18	Electric expand valve fitting

No.	Name of part
19	Guide Louver
20	Front Connection Board
21	Supporter
22	Evaporator Assy
23	Rotating Shaft
24	Fixed Mount
25	Display Board
26	Front Connection Board Foam Assy
27	Rear Side Plate Sub-Assy
28	Water Releasing Flume
29	Rotating Shaft
30	Connecting Rod
31	Rotating Shaft
32	Stepping Motor
33	Left Foam Assy
34	Electric Box Cover
35	Installation Supporting Frame
36	Left Cover Plate
37	Inductance
38	Main Board
39	Terminal Board
40	Terminal Board
41	Electric Box Assy
42	Support Of Motor Bearing
43	O-Gasket of Bearing
44	Bracket 1
45	Clapboard Sub-Assy
46	Centrifugal fan
47	Front volute casing
48	Rear Connection board
49	Rotary Axis Sub-Assy
50	Joint Slack
51	Motor Support Sub-Assy
52	Brushless DC Motor
53	Rear volute casing
54	Filter Sub-Assy
55	Top Cover Board Sub-assy
56	Front grill
57	Drainage Pipe Sub-assy
58	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND112ZD/A-T, GMV-ND125ZD/A-T, GMV-ND140ZD/A-T:

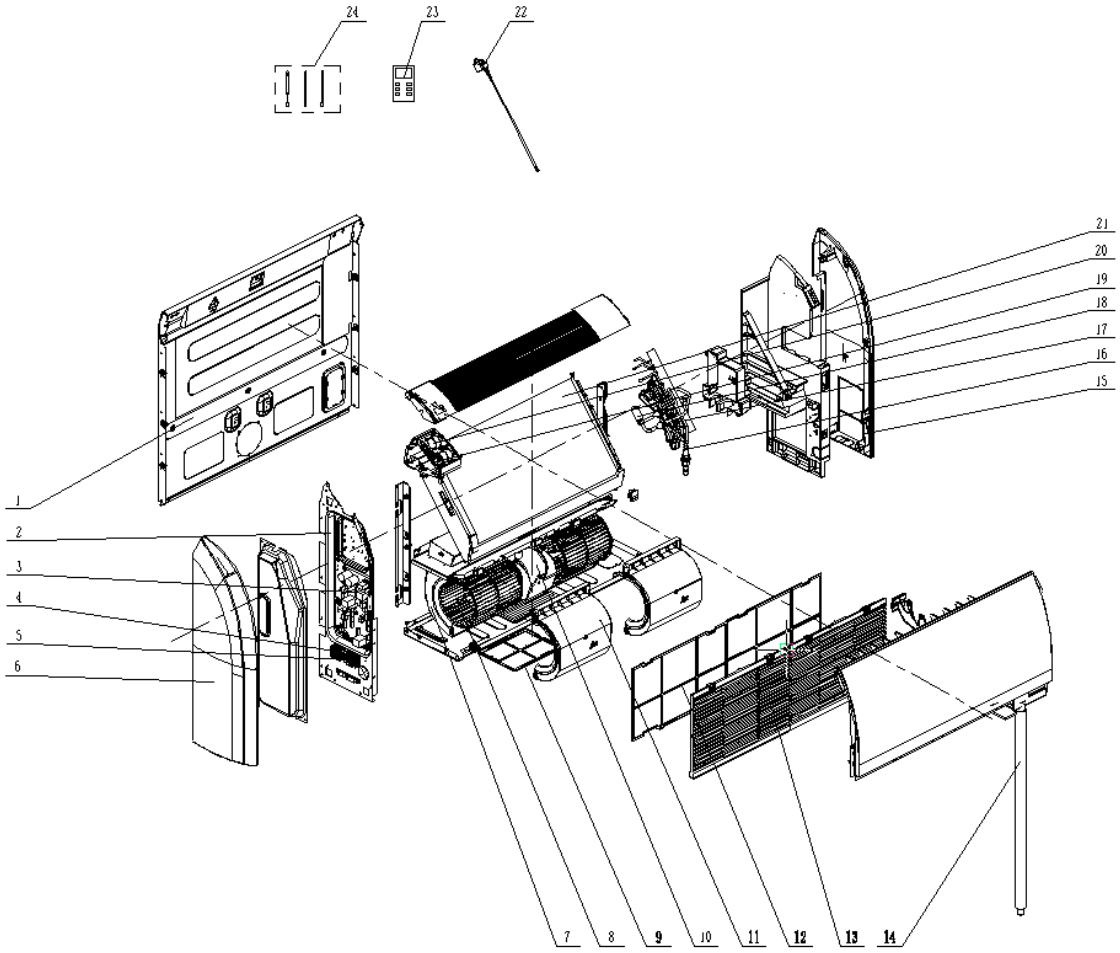


No.	Name of part
1	Remote Controller
2	Sensor Sub-assy
3	Water Tray Assy
4	Air Louver
5	Connection Board
6	Right Cover Plate
7	Installation Supporting Frame
8	Right Side Plate Sub-Assy
9	Right Foam Assy
10	Axile Bush
11	Plate Board of Water Releasing Flume
12	Water Releasing Flume
13	connected board (evaporator)
14	Strainer
15	Electronic Expansion Valve

No.	Name of part
16	Electric expand valve fitting
17	Rotating Shaft
18	Supporter
19	Evaporator Assy
20	Guide Louver
21	Front Connection Board
22	Fixed Mount
23	Display Board
24	Rear Side Plate Sub-Assy
25	Front Connection Board Foam Assy
26	Water Releasing Flume
27	Stepping Motor
28	Left Foam Assy
29	Electric Box Assy
30	Electric Box Cover
31	Installation Supporting Frame
32	Left Cover Plate
33	Main Board
34	Terminal Board
35	Terminal Board
36	Inductance
37	Support Of Motor Bearing
38	O-Gasket of Bearing
39	Bracket 1
40	Clapboard Sub-Assy
41	Front volute casing
42	Rear volute casing
43	Rear Connection board
44	Rotary Axis Sub-Assy
45	Joint Slack
46	Motor Support Sub-Assy
47	Brushless DC Motor
48	Centrifugal fan
49	Supporter
50	Filter
51	Top Cover Board Sub-assy
52	Front Grill sub-assy
53	Drainage Pipe Sub-assy
54	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND28ZD/B-T, GMV-ND36ZD/B-T, GMV-ND50ZD/B-T, GMV-ND56ZD/B-T:

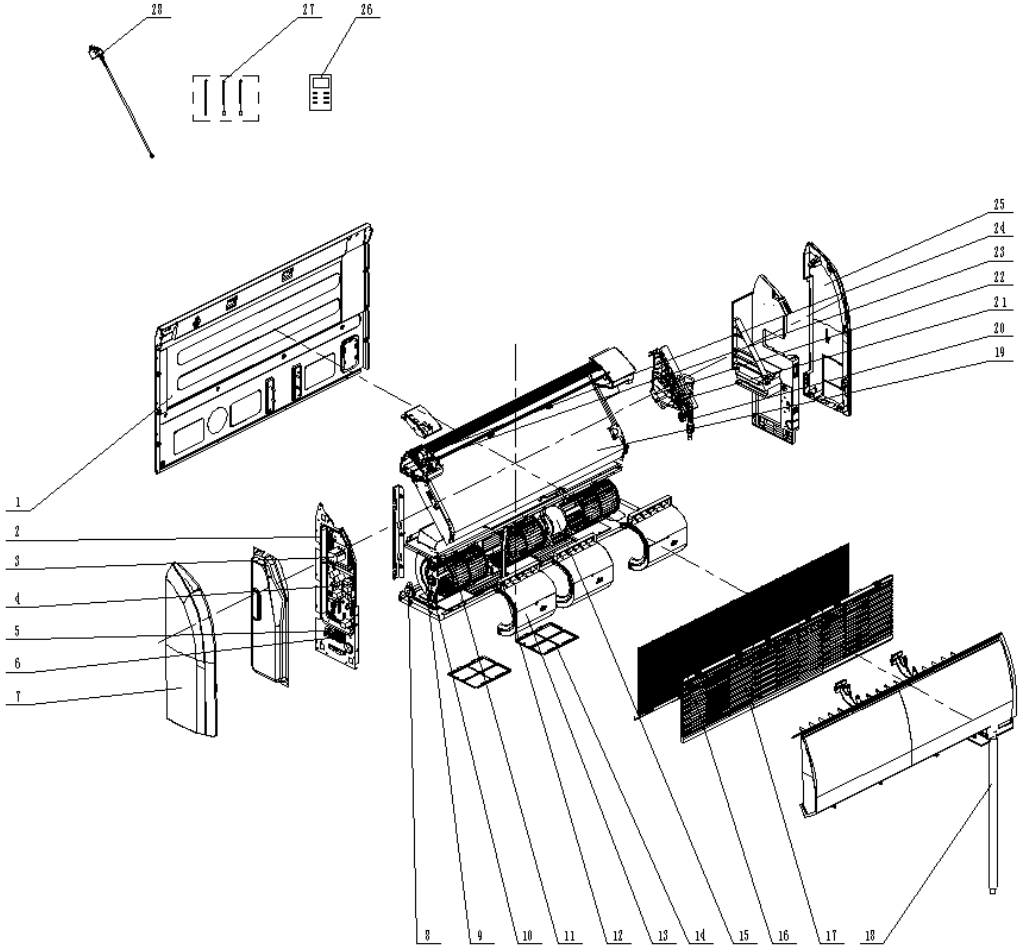


No.	Name of part
1	Seat Board Sub-Assy
2	Electric Box Assy
3	Main Board
4	Terminal Board
5	Terminal board
6	Left Side Plate
7	Propeller Housing(Lower)
8	Centrifugal Fan
9	Filter Sub-Assy
10	Brushless DC Motor
11	Propeller Housing(Upper)
12	Filter Sub-Assy
13	Front Grill
14	Drainage Pipe Sub-Assy
15	Right Side Plate
16	Corrugated Pipe
17	Strainer
18	Electronic Expansion Valve
19	Display Board
20	Stepping Motor
21	Evaporator Assy
22	Electric Expand Valve Fitting

No.	Name of part
23	Remote Controller
24	Sensor Sub-Assy

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND63ZD/B-T, GMV-ND71ZD/B-T:

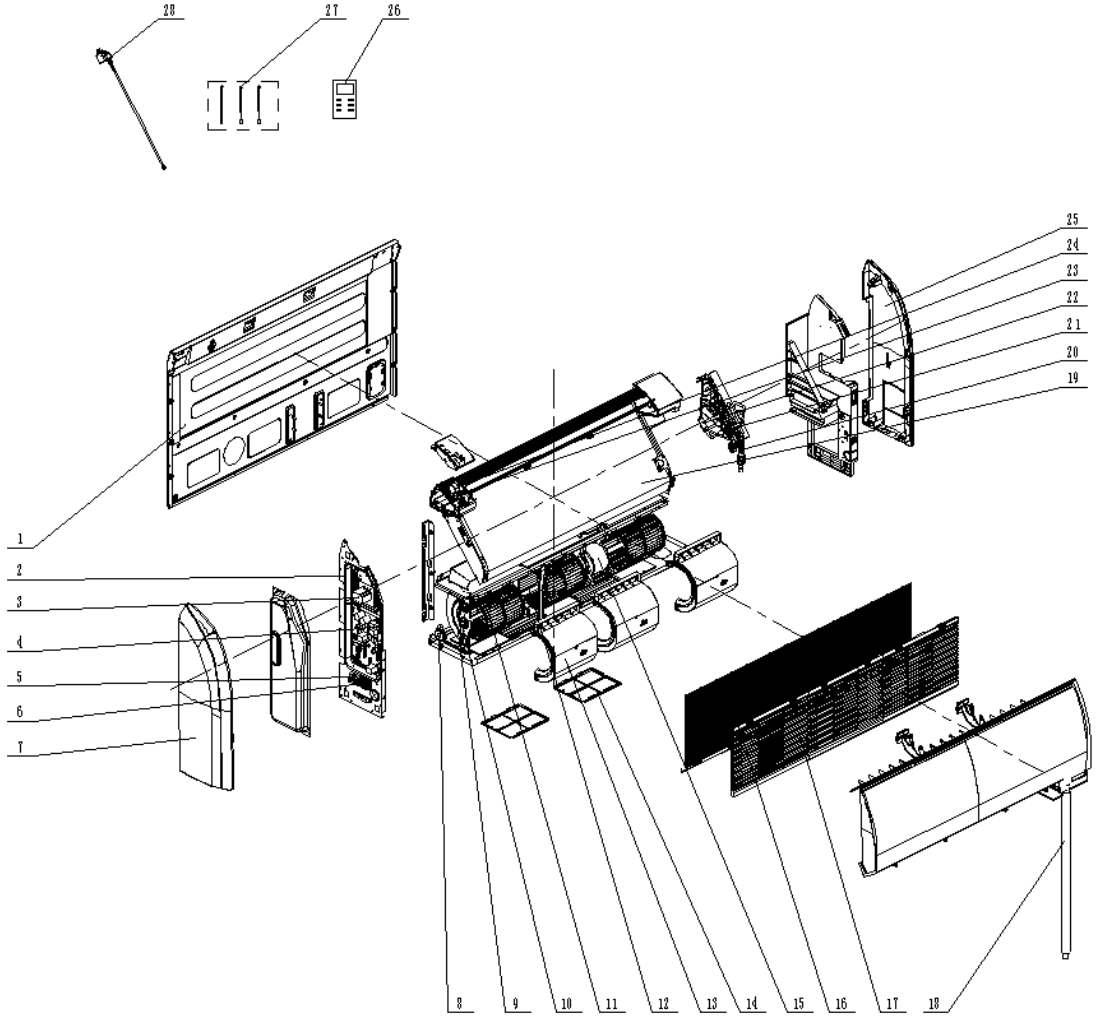


No.	Name of part
1	Seat Board Sub-Assy
2	Electric Box Assy
3	Inductance
4	Main Board
5	Terminal Board
6	Terminal board
7	Left Side Plate
8	Support of Motor Bearing
9	Propeller Housing(Lower)
10	O-Gasket of Baring
11	Centrifugal Fan
12	Roller Wheel
13	Propeller Housing(Upper)
14	Filter Sub-Assy
15	Brushless DC Motor
16	Filter Sub-Assy
17	Front Grill
18	Drainage Pipe Sub-Assy

No.	Name of part
19	Evaporator Assy
20	Corrugated Pipe
21	Strainer
22	Electric Expand Valve
23	Display Board
24	Stepping Motor
25	Right Side Plate
26	Remote Controller
27	Sensor Sub-Assy
28	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND90ZD/B-T:

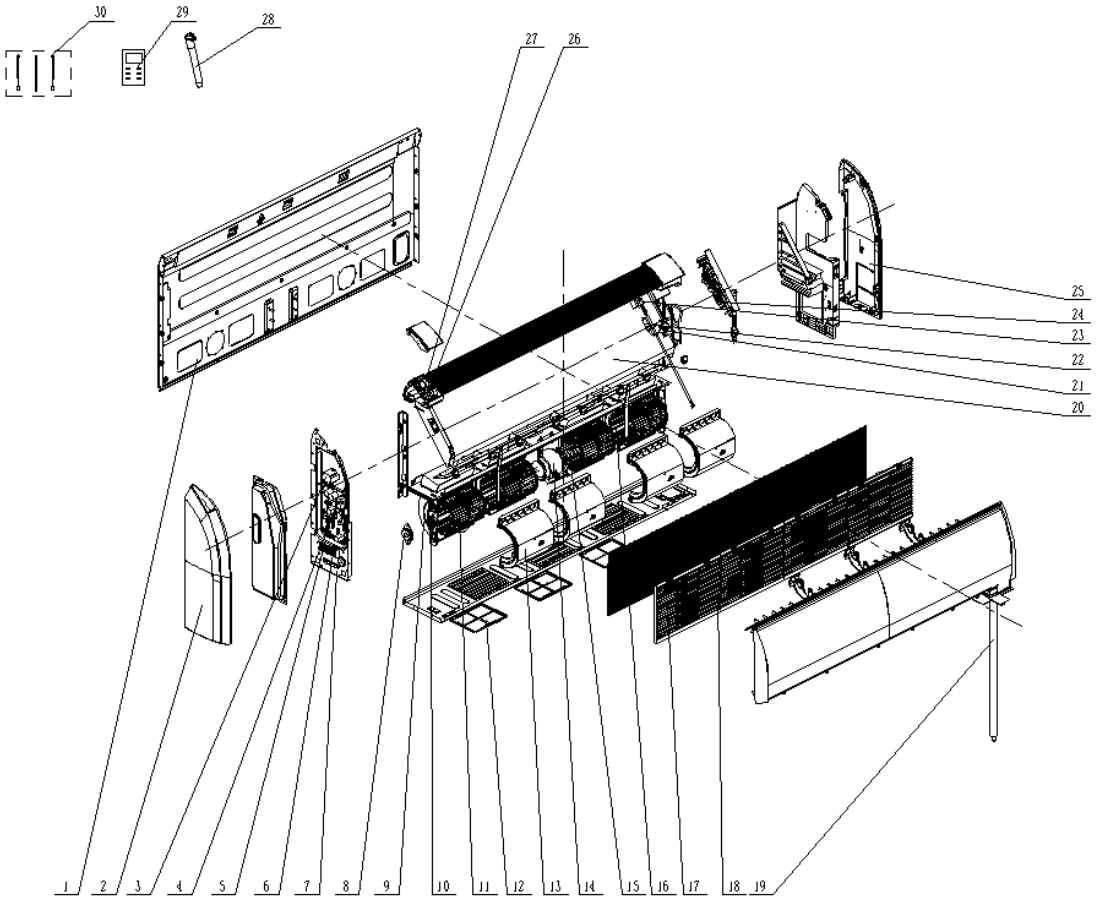


No.	Name of part
1	Seat Board Sub-Assy
2	Electric Box Assy
3	Inductance
4	Main Board
5	Terminal Board
6	Terminal board
7	Left Side Plate

No.	Name of part
8	Support of Motor Bearing
9	Propeller Housing(Lower)
10	O-Gasket of Baring
11	Centrifugal Fan
12	Roller Wheel
13	Propeller Housing(Upper)
14	Filter Sub-Assy
15	Brushless DC Motor
16	Filter Sub-Assy
17	Front Grill
18	Drainage Pipe Sub-Assy
19	Evaporator Assy
20	Corrugated Pipe
21	Strainer
22	Electric Expand Valve
23	Display Board
24	Stepping Motor
25	Right Side Plate
26	Remote Controller
27	Sensor Sub-Assy
28	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

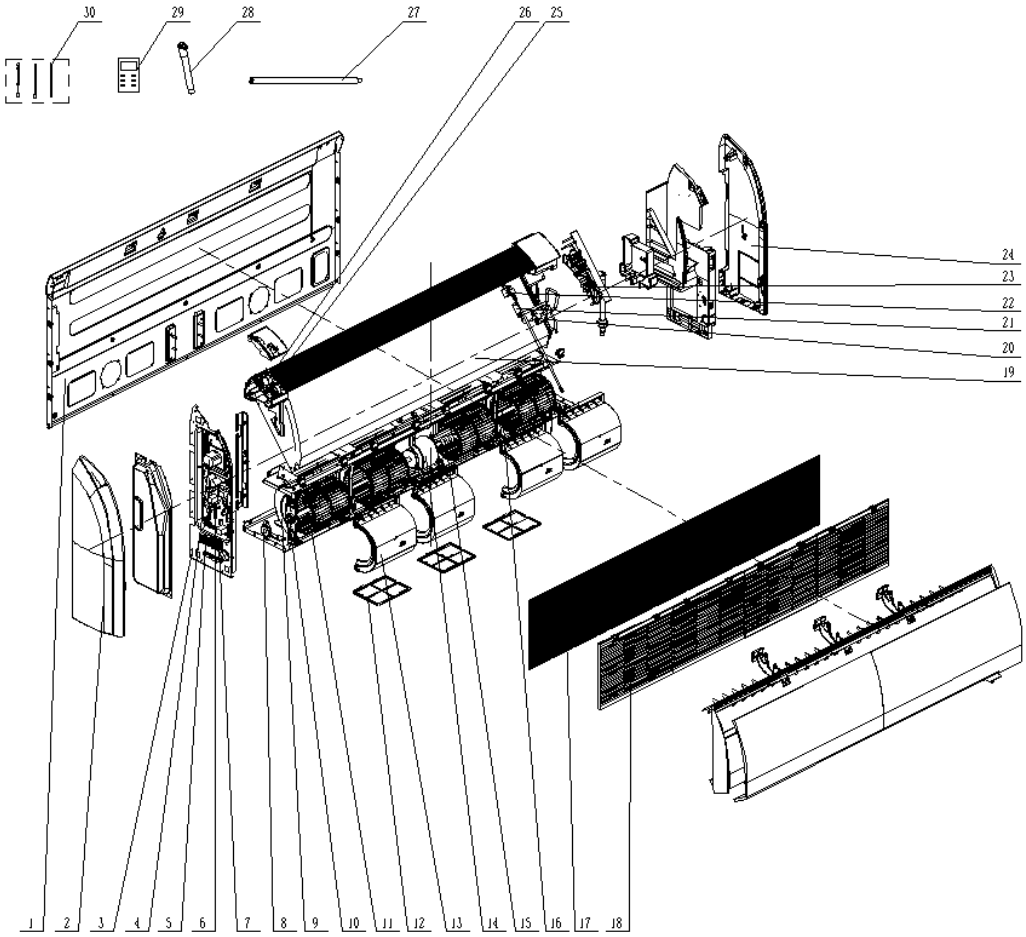
Exploded View of GMV-ND112ZD/B-T, GMV-ND125ZD/B-T:



No.	Name of part
1	Seat Board Sub-Assy
2	Left Side Plate
3	Inductance
4	Main Board
5	Terminal Board
6	Terminal Board
7	Electric Box Assy
8	Support Of Motor Bearing
9	Propeller Housing(Lower)
10	Bearing Holder Sub-assy
11	Centifugal Fan
12	Filter Sub-Assy
13	Propeller Housing(Upper)
14	Brushless DC Motor
15	Joint Slack
16	Roller Wheel
17	Filter Sub-Assy
18	Front Grill
19	Drainage Pipe Sub-assy
20	Evaporator Assy
21	Strainer
22	Electronic Expansion Valve
23	Electric expand valve fitting
24	Strainer
25	Right Side Plate
26	Display Board
27	Stepping Motor
28	Corrugated Pipe
29	Sensor Sub-assy
30	Remote Controller

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND140ZD/B-T, GMV-ND160ZD/B-T:



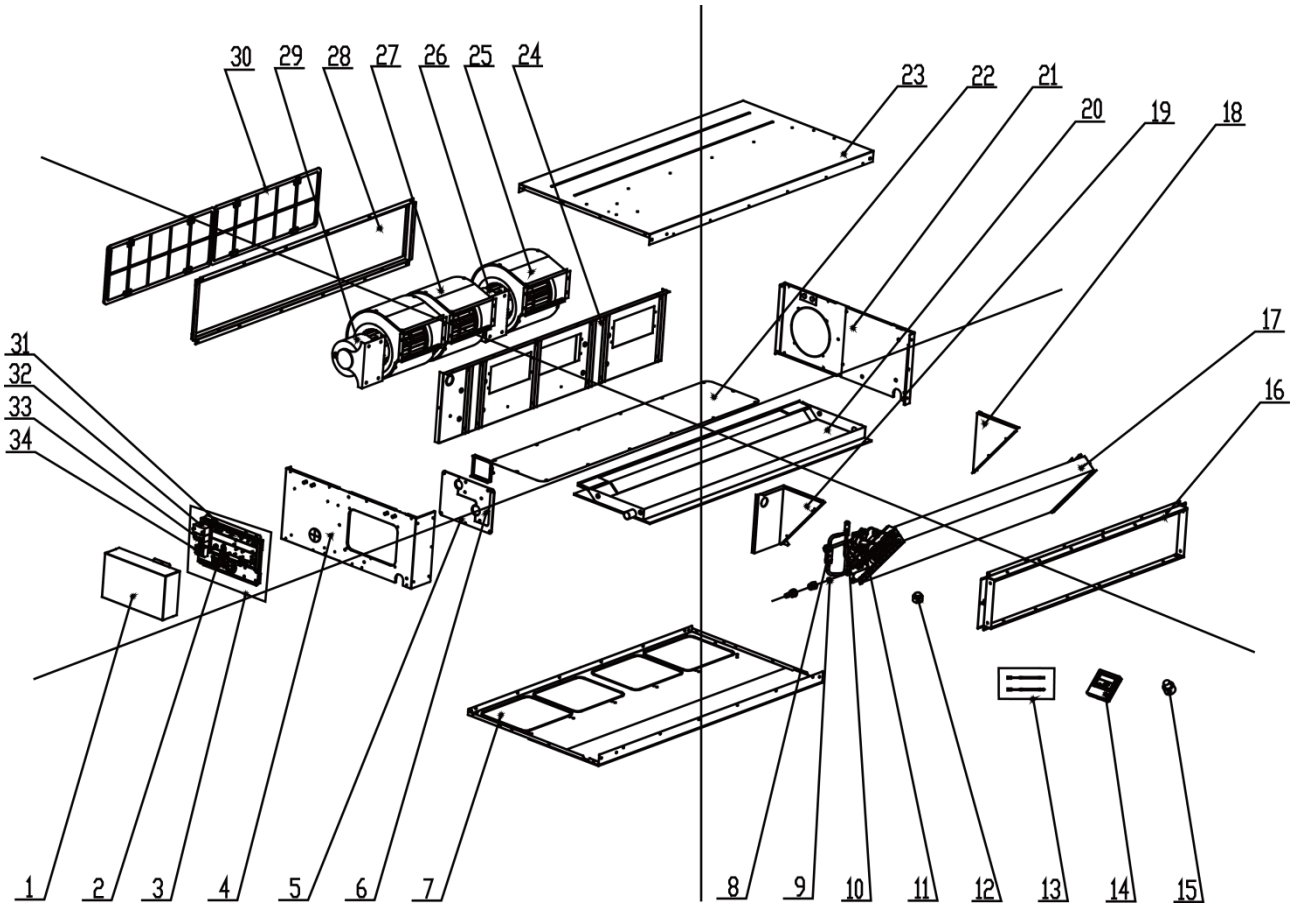
No.	Name of part
1	Seat Board Sub-Assy
2	Left Side Plate
3	Electric Box Assy
4	Inductance
5	Terminal Board
6	Main Board
7	Terminal Board
8	Support Of Motor Bearing
9	Propeller Housing(Lower)
10	Bearing Holder Sub-assy
11	Centifugal Fan
12	Filter Sub-Assy
13	Propeller Housing(Upper)
14	Brushless DC Motor
15	Joint Slack
16	Roller Wheel
17	Filter Sub-Assy
18	Front Grill
19	Evaporator Assy
20	Strainer
21	Electronic Expansion Valve
22	Electric Expand Valve Fitting

No.	Name of part
23	Strainer
24	Right Side Plate
25	Display Board
26	Stepping Motor
27	Drainage Pipe Sub-Assy
28	Corrugated Pipe
29	Remote Controller
30	Sensor Sub-Assy

Above data is subject to change without notice, pls reference the SP in global service website.

5.10 Fresh air Processing Unit

Exploded View of GMV-NX140P/A(X1.2)-K:

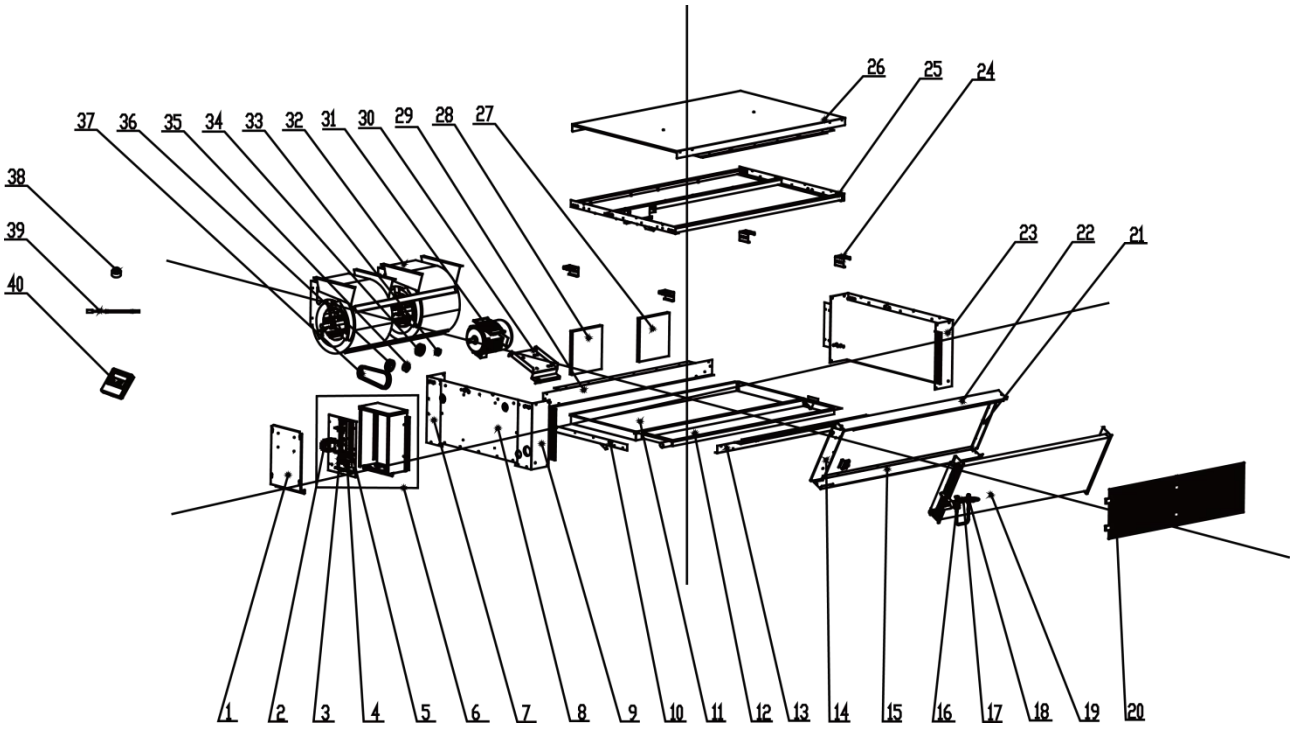


No.	Part Name
1	Electric Box Cover
2	Terminal Board
3	Electric Box Assy
4	Left Side Plate Assy
5	Seal Of Left Side Plate Sub-Assy
6	Seal Of Connection Pipe
7	Bottom Cover Plate Assy
8	Strainer
9	Filter Sub-Assy
10	Electronic Expansion Valve
11	Filter

No.	Part Name
12	Electric Expand Valve Fitting
13	Sensor sub-assy
14	Display Board
15	Choke Plug of Water Pipe
16	Border Plate of Air Outlet Sub-Assy
17	Evaporator Assy
18	Evaporator
19	Left Evaporator Support
20	Water Tray Assy
21	Right Side Plate Assy
22	Cover Of Air-In
23	Top Cover Board Assy
24	Fan Motor Mounting Plate Sub-Assy
25	Blower
26	Fan Motor
27	Blower
28	Air intake side-board Sub-assy
29	Fan Motor
30	Filter Sub-Assy
31	Main Board
32	Capacitor CBB61
33	Capacitor CBB61
34	Terminal Board

Above data is subject to change without notice, pls reference the SP in global service website.

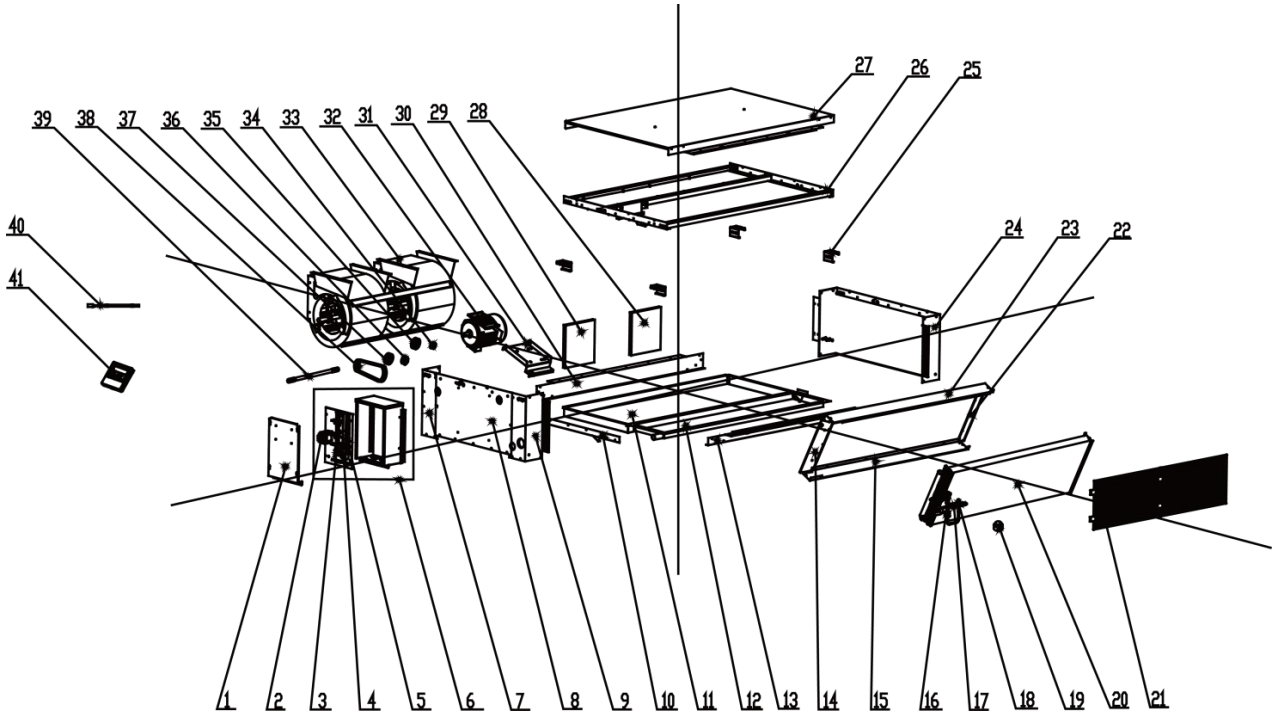
Exploded View of GMV-NX224P/A(X2.0)-M:



No.	Part Name
1	Electric Box Cover
2	Ac Contactor
3	Terminal Board
4	Terminal Board
5	Main Board
6	Electric Box Assy
7	Right Side Plate Sub-Assy
8	Access Panel Sub-Assy
9	Right Side Plate Sub-Assy
10	Side Beam Assy
11	Chassis Sub-Assy
12	Water Collecting Tray Assy
13	Front Frame Sub- Assy
14	Air Guard
15	Base Plate (Evaporator)
16	Filter
17	Strainer
18	Electronic Expansion Valve
19	Evaporator Assy
20	Filter Sub-Assy
21	Air Guard
22	Cover Plate Sub-Assy Of Evaporator
23	Left Side Plate Assy
24	Hook
25	Suspending Rack
26	Top Cover Assy
27	Place With A Draught Of Connection Board
28	Place With A Draught Of Connection Board
29	Rear Beam Sub-Assy
30	Motor Retaining Plate Sub-Assy
31	Fan Motor
32	Motor
33	Taper Sleeve
34	Belt Wheel
35	Taper Sleeve
36	Belt Wheel
37	Belt
38	Electric Expand Valve Fitting
39	Sensor Sub-Assy
40	Display Board

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-NX280P/A(X2.5)-M, GMV-NX280P/A(X3.0)-M:

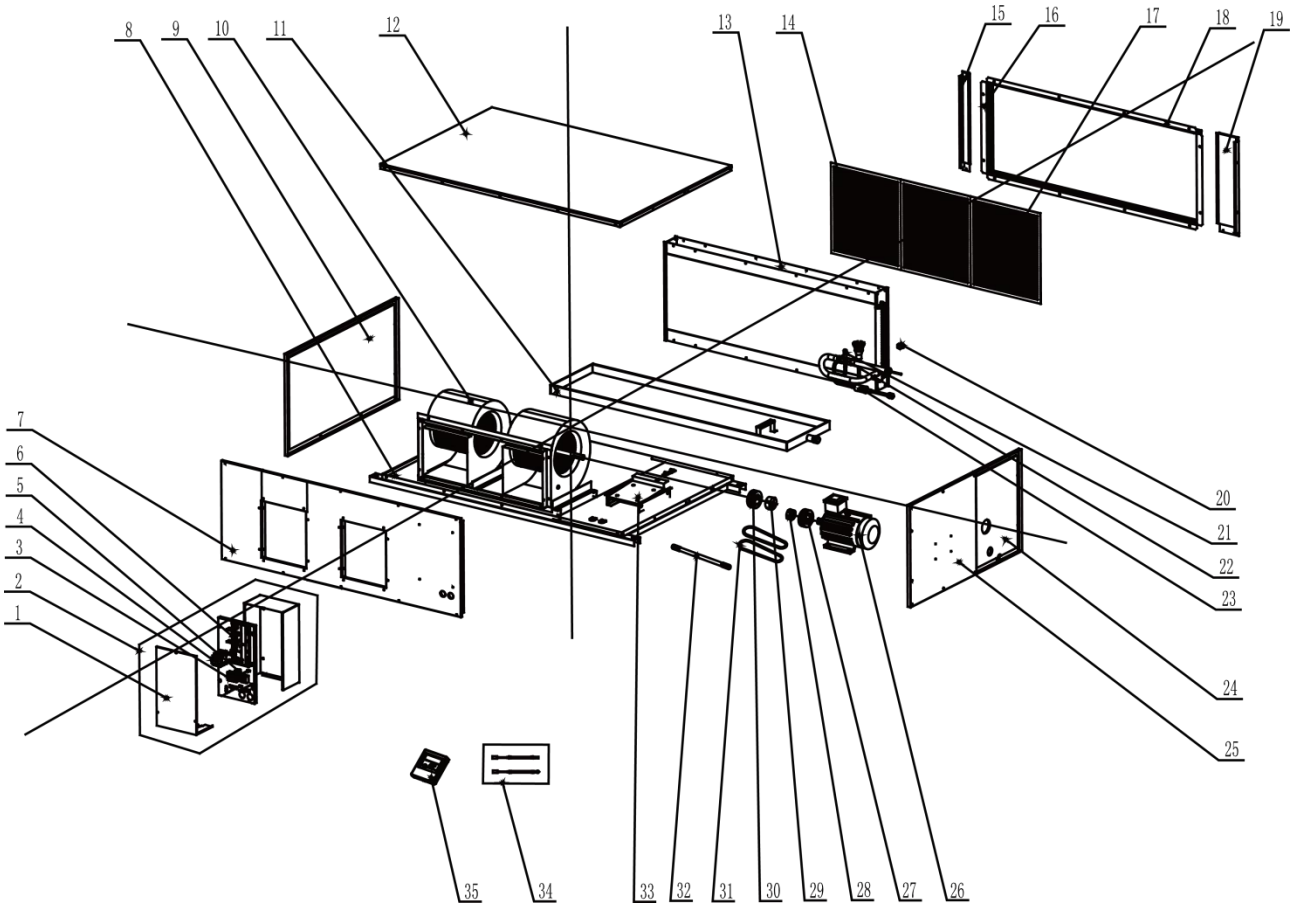


No.	Part Name
1	Electric Box Cover
2	Ac Contactor
3	Terminal Board
4	Terminal Board
5	Main Board
6	Electric Box Assy
7	Right Side Plate Sub-Assy
8	Access Panel Sub-Assy
9	Right Side Plate Sub-Assy
10	Side Beam Assy
11	Chassis Sub-Assy
12	Water Collecting Tray Assy
13	Front Frame Sub- Assy
14	Air Guard
15	Base Plate (Evaporator)
16	Filter
17	Strainer
18	Electronic Expansion Valve
19	Electric Expand Valve Fitting
20	Evaporator Assy
21	Filter Sub-Assy
22	Air Guard
23	Cover Plate Sub-Assy Of Evaporator
24	Left Side Plate Assy
25	Hook
26	Suspending Rack
27	Top Cover Assy
28	Place With A Draught Of Connection Board
29	Place With A Draught Of Connection Board

No.	Part Name
30	Rear Beam Sub-Assy
31	Motor Retaining Plate Sub-Assy
32	Fan Motor
33	Motor
34	Taper Sleeve
35	Belt Wheel
36	Taper Sleeve
37	Belt Wheel
38	Belt
39	Rotating Shaft
40	Sensor Sub-Assy
41	Display Board

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-NX450P/A(X4.0)-M:

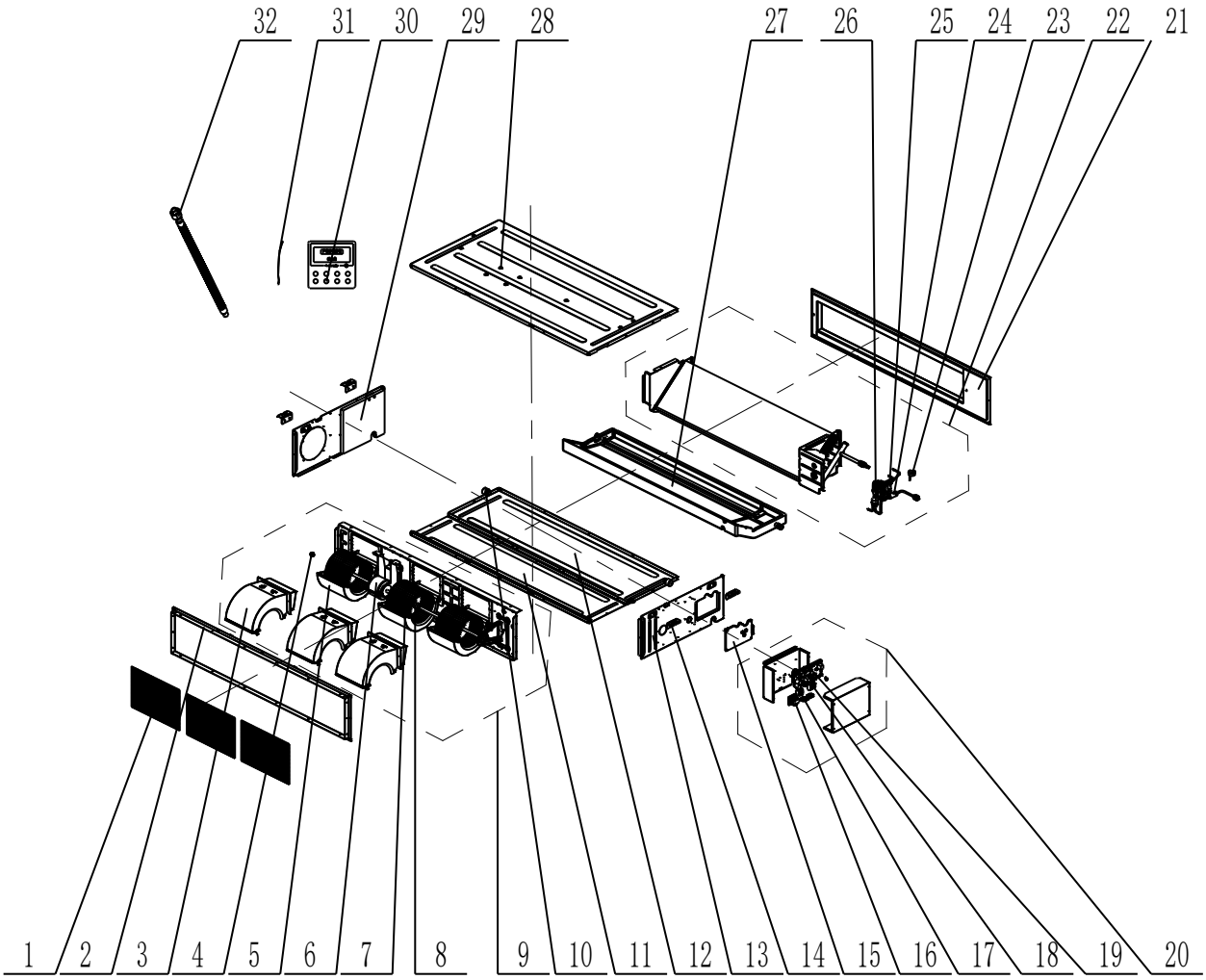


No.	Model
1	Electric Box Cover
2	Electric Box Assy
3	Terminal Board
4	Ac Contactor
5	Terminal Board
6	Main Board
7	Air Outlet Panel Sub-Assy
8	Base Frame Assy
9	Side Panel Sub-Assy

No.	Model
10	Motor
11	Water Collecting Tray Assy
12	Top Cover Sub-Assy
13	Evaporator Assy
14	Filter Sub-Assy
15	Retaining Plate Assy
16	Longitudinal Beam Of Return Air Frame
17	Filter Sub-Assy
18	Return Air Frame Sub-Assy
19	Retaining Plate Sub-Assy
20	Electric Expand Valve Fitting
21	Electronic Expansion Valve
22	Filter
23	Gas Tube Filter
24	Side Panel Sub-Assy
25	Side Panel Sub-Assy
26	Fan Motor
27	Belt Wheel
28	Taper Sleeve
29	Taper Sleeve
30	Belt Wheel
31	Belt
32	Rotating Shaft
33	Retaining Plate
34	Temperature Sensor
35	Display Board

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-NDX125P/A-T, GMV-NDX140P/A-T:

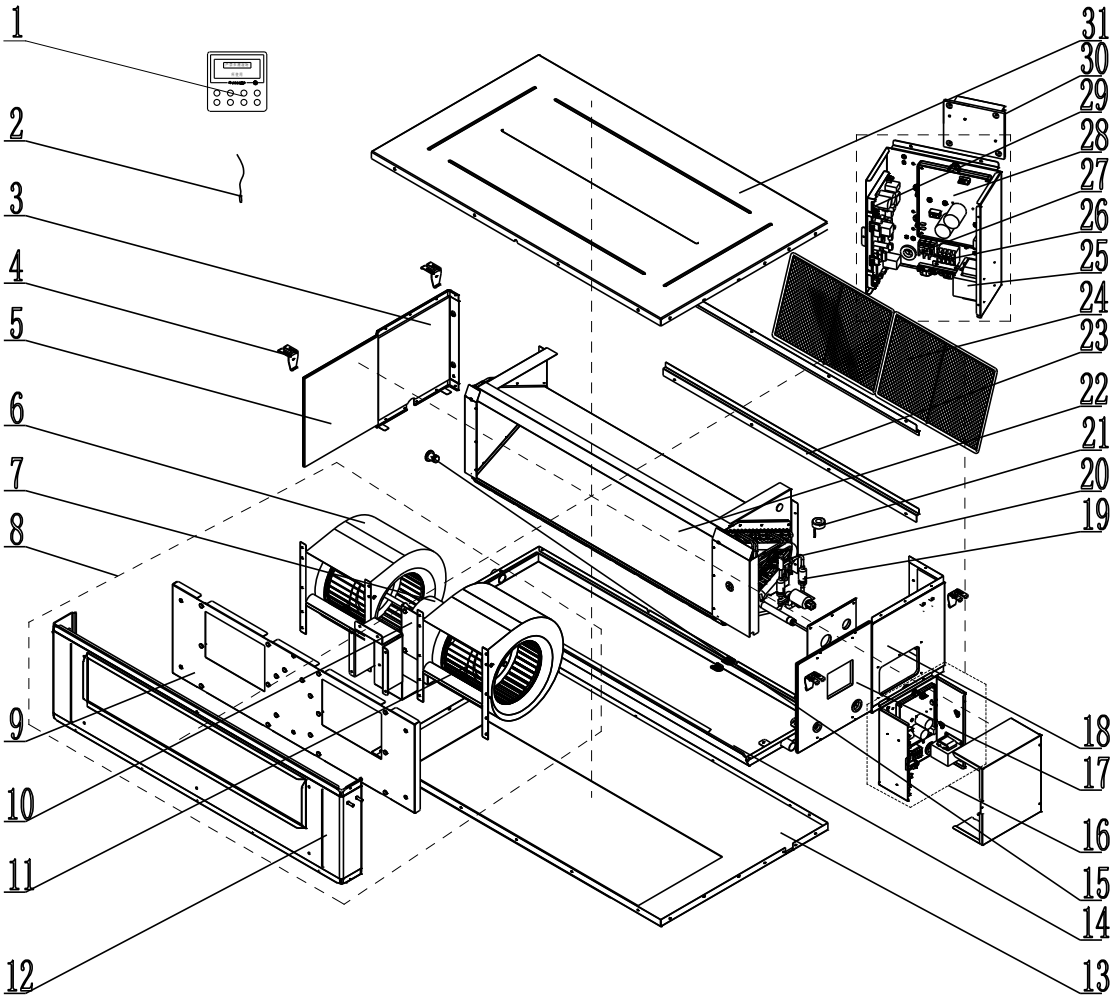


No.	Name Of Part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Propeller Housing(Upper)
4	Fan Bearing
5	Propeller Housing(Lower)
6	Brushless Dc Motor
7	Centrifugal Fan
8	Joint Slack
9	Centrifugal Fan Assy
10	Choke Plug Of Drain Pipe
11	Cover Plate(Air Return)
12	Bottom Cover Plate
13	Left Side Plate Assy
14	Hook
15	Seal Plate Assy
16	Reactor
17	Terminal Board
18	Terminal Board
19	Main Board

No.	Name Of Part
20	Electric Box Assy
21	Air Outlet Frame Assy
22	Evaporator Assy
23	Electric Expand Valve Fitting
24	Strainer
25	Electronic Expansion Valve
26	Strainer
27	Foam Sub-Assy
28	Top Cover Board Assy
29	Right Side Plate Assy
30	Display Board
31	Sensor Sub-Assy
32	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-NDX224P/A-T, GMV-NDX250P/A-T, GMV-NDX280P/A-T:



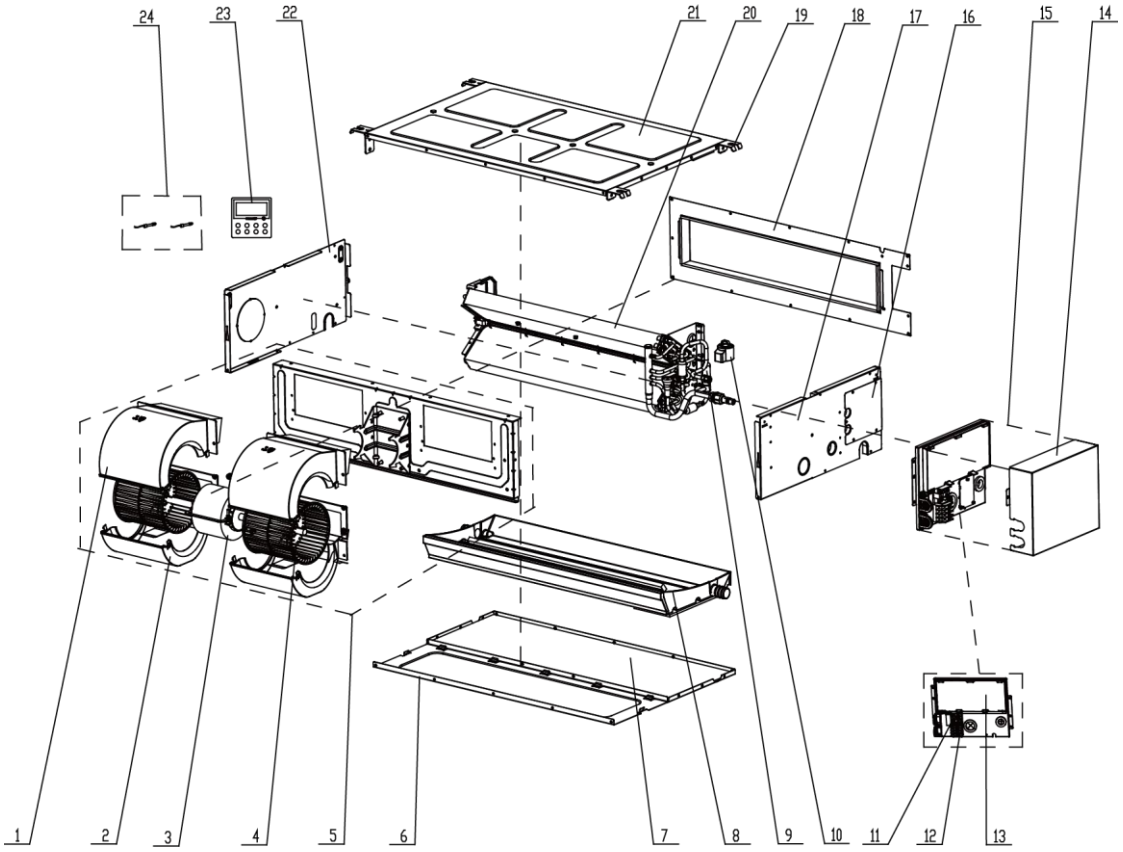
No.	Name Of Part
1	Display Board
2	Sensor Sub-Assy
3	Left Side Plate Assy
4	Hook
5	Left Side Plate Sub-Assy 1

No.	Name Of Part
6	Motor For Centrifugal Fan
7	Brushless Dc Motor
8	Centrifugal Fan Assy
9	Blower Mounting Plate Sub-Assy
10	Motor Support
11	Blower(Right)
12	Front Side Plate Assy
13	Bottom Cover Plate Assy
14	Water Tray Assy
15	Rubber Plug
16	Electric Box Assy
17	Right Side Plate Sub-Assy 1
18	Right Side Plate Assy
19	Strainer
20	Electronic Expansion Valve
21	Electric Expand Valve Fitting
22	Evaporator Assy
23	Filter Guide Groove
24	Filter Sub-Assy
25	Reactor
26	Terminal Board
27	Terminal Board
28	Main Board
29	Main Board
30	Radiator
31	Top Cover Board Assy

Above data is subject to change without notice, pls reference the SP in global service website.

5.11 Slim Duct Type

Exploded View of GMV-ND22PL/B-T, GMV-ND25PL/B-T, GMV-ND28PL/B-T, GMV-ND32PL/B-T GMV-ND36PL/B-T:

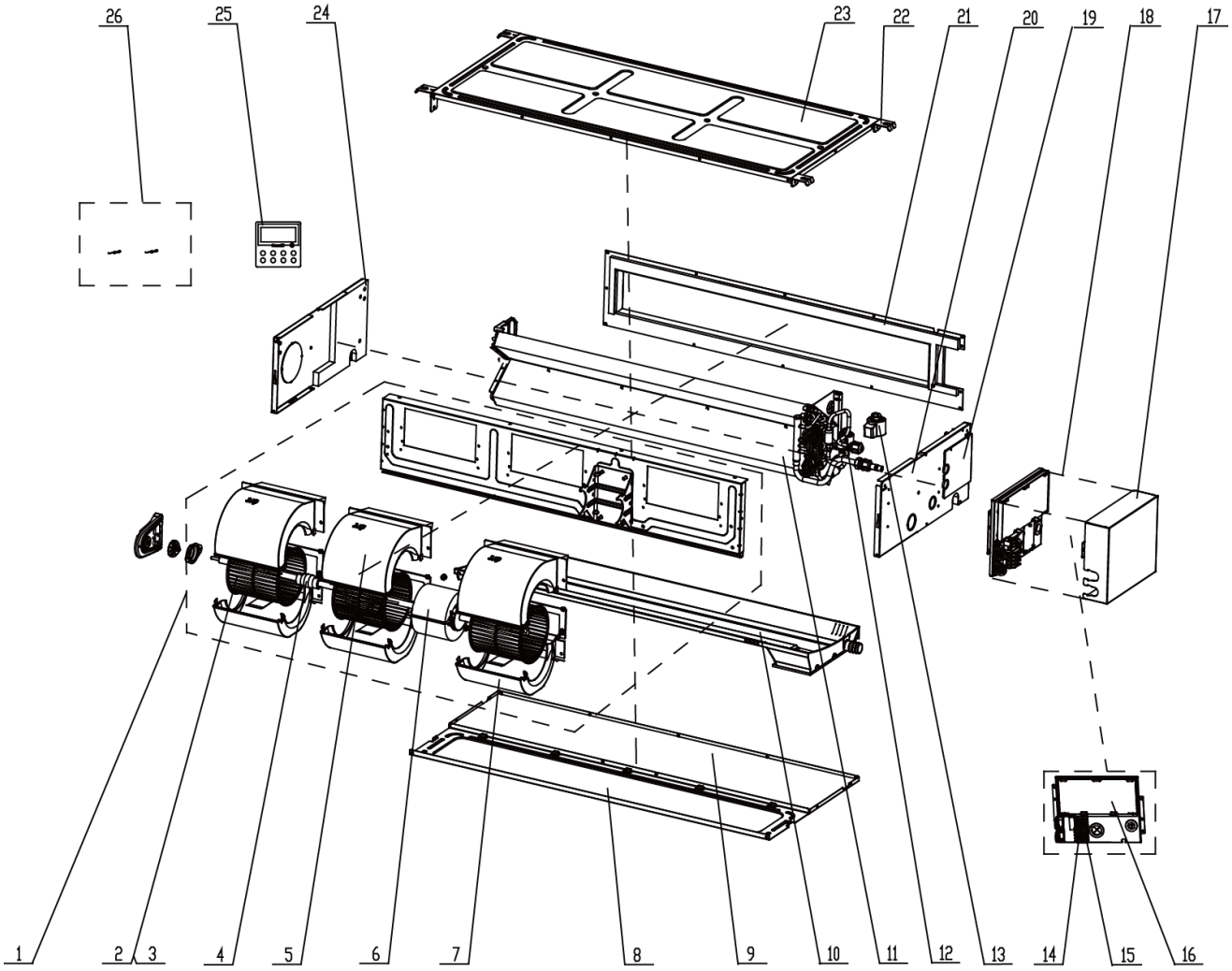


No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22PL/B-T	CM800N3560
		GMV-ND25PL/B-T	CM810N0010
		GMV-ND28PL/B-T	CM810N0020
		GMV-ND32PL/B-T	CM800N3570
		GMV-ND36PL/B-T	CM810N0030
		Part code	Quantity
1	Propeller Housing(Upper)	26905200018	2
2	Propeller Housing(Lower)	26905200019	2
3	Fan Motor	15704100001	1
4	Centrifugal Fan	10425200003	2
5	Centrifugal fan assy	15404100031	1
6	Cover Plate	01265200057	1
7	Bottom Cover Plate Assy	01265200065	1
8	Water Tray Assy	01285200020	1
9	Electronic Expansion Valve	07334463	1
10	Electric Expand Valve Fitting	4304413215	1
11	Terminal Board	42011106	1
12	Terminal Board	4201800002601	1
13	Main Board	30226000029	1
14	Electric Box Cover	01425200023	1
15	Electric Box Assy	01394100160	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22PL/B-T	CM800N3560
		GMV-ND25PL/B-T	CM810N0010
		GMV-ND28PL/B-T	CM810N0020
		GMV-ND32PL/B-T	CM800N3570
		GMV-ND36PL/B-T	CM810N0030
		Part code	Quantity
16	Closing Plate Sub-Assy	01494100010	1
17	Left Side Plate Assy	01314100076	1
18	Air Outlet Frame Assy	01374100057	1
19	Hook	01344100034	4
20	Evaporator Assy	01024100039	1
21	Top Cover Board Assy	01265200066	1
22	Right Side Plate Assy	01315200053	1
23	Display Board	01315200053	1
24	Sensor Sub-assy	39004168G	1

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND40PL/B-T, GMV-ND45PL/B-T, GMV-ND50PL/B-T, GMV-ND56PL/B-T, GMV-ND63PL/B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND40PL/B-T	CM800N3580
		GMV-ND45PL/B-T	CM810N0040
		GMV-ND50PL/B-T	CM810N0050
		GMV-ND56PL/B-T	CM800N3590
		GMV-ND63PL/B-T	CM810N0060
		Part code	Quantity
1	Centrifugal fan assy	15404100032	1
2	Centrifugal Fan	10425200003	3
3	Fan Bearing	76512210	1
4	Joint Slack	73018731	1
5	Propeller Housing(Upper)	26905200018	3
6	Fan Motor	15704100001	1
7	Propeller Housing(Lower)	26905200019	3
8	Cover Of Air-in	01265200073	1
9	Bottom Cover Plate Assy	01265200071	1
10	Water Tray Assy	01285200022	1
11	Evaporator Assy	01024100042	1
12	Electronic Expansion Valve	07334466	1
13	Terminal Board	42011106	1
14	Terminal Board	4201800002601	1
15	Main Board	30226000029	1
16	Magnetic Ring	49010104	1
17	Electric Box Cover	01425200023	1
18	Electric Box Assy	01394100241	1
19	Closing Plate Sub-Assy	01494100010	1
20	Left Side Plate Assy	01314100076	1
21	Air Outlet Frame Assy	01374100058	1
22	Hook	01344100034	4
23	Top Cover Board Assy	01265200068	1
24	Right Side Plate Assy	01315200053	1
25	Display Board	30296000040	1
26	Sensor Sub-assy	39004168G	1

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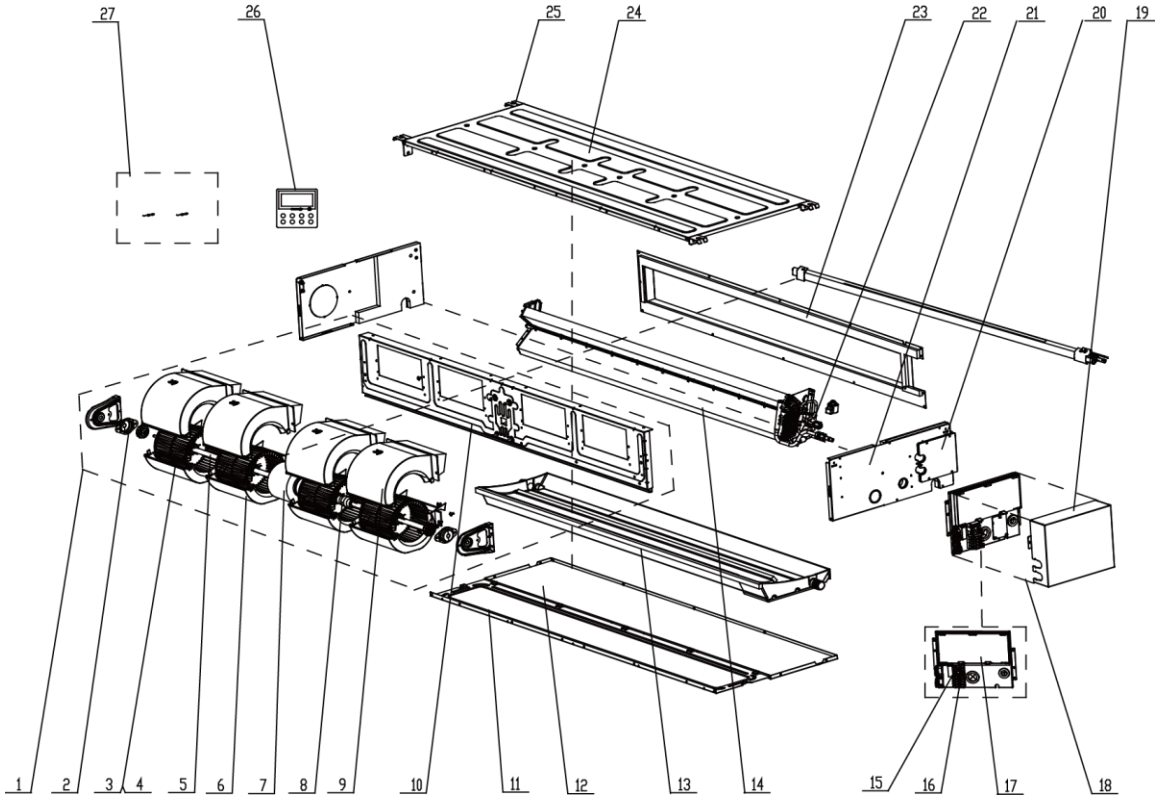
Exploded View of GMV-ND72PL/B-T:

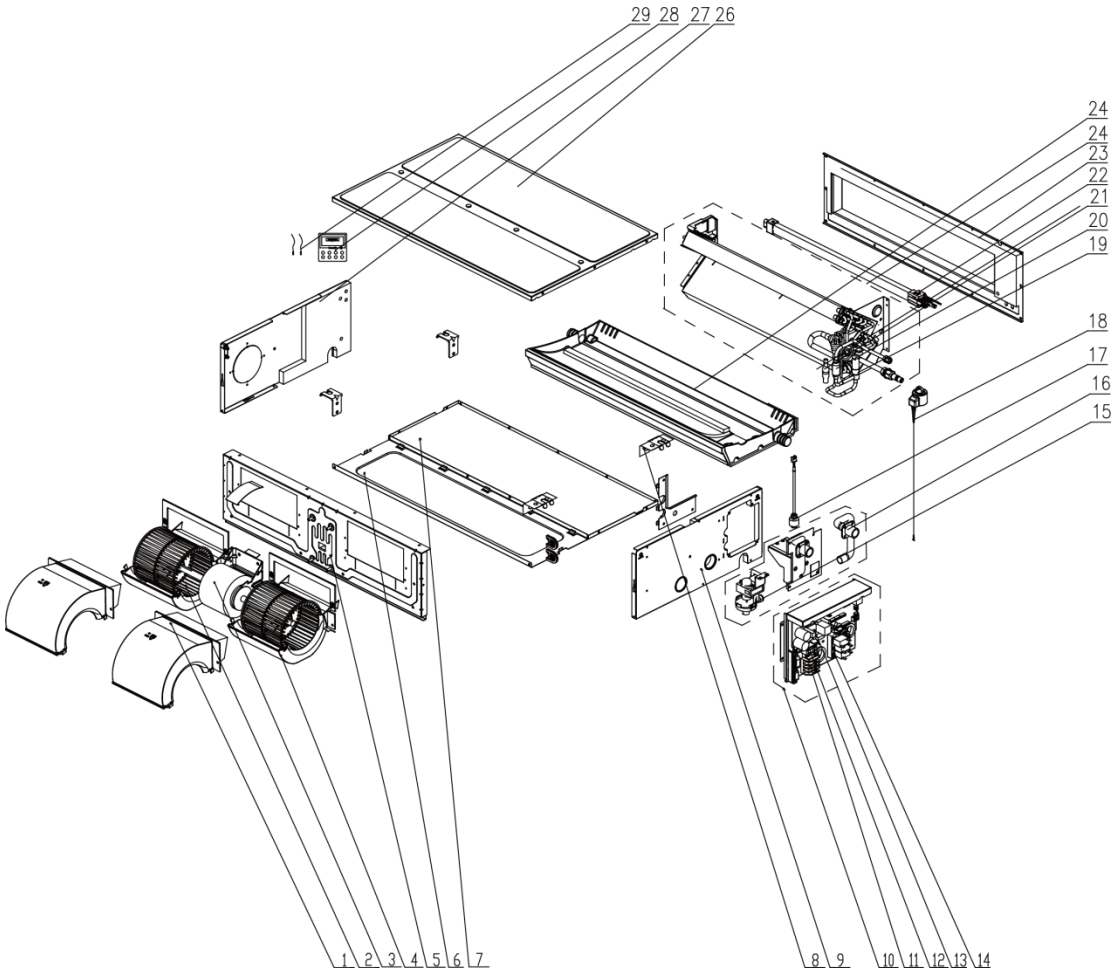


No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND72PL/B-T	CM800N3600
		Part code	Quantity
1	Centrifugal fan assy	15404100032	1
2	Bearing Holder Sub-assy	26151139	2
3	Centrifugal Fan	10425200003	4
4	Fan Bearing	76512210	1
5	Rotary Axis Sub-Assy	73018761	2
6	Propeller Housing(Lower)	26905200019	4
7	DC brushless motor	15704100001	1
8	Joint Slack	73018731	2
9	Propeller Housing(Upper)	26905200018	4
10	Blower Mounting Plate Sub-Assy	01325200053	1
11	Cover Of Air-in	01265200085	1
12	Bottom Cover Plate Assy	01265200093	1
13	Water Tray Assy	01285200029	1
14	Evaporator Assy	01024100076	1
15	Terminal Board	42011106	1
16	Terminal Board	4201800002601	1
17	Main Board	30226000029	1
18	Electric Box Assy	01394100241	1
19	Electric Box Cover	01425200023	1
20	Closing Plate Sub-Assy	01494100010	1
21	Right Side Plate Assy	01315200053	1
22	Electronic Expansion Valve	07334466	1
23	Air Outlet Frame Assy	01374100059	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND72PL/B-T	CM800N3600
		Part code	Quantity
24	Top Cover Board Assy	0126520009201	1
25	Hook	01344100034	4
26	Display Board	30296000040	1
27	Sensor Sub-assy	39004168G	1

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND22PLS/B1-T, GMV-ND25PLS/B1-T, GMV-ND28PLS/B1-T, GMV-ND32PLS/B1-T, GMV-ND36PLS/B1-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22SPL/B1-T	CM810N1580
		GMV-ND25SPL/B1-T	CM810N1570
		GMV-ND28SPL/B1-T	CM810N1340
		GMV-ND32SPL/B1-T	CM810N1560
		GMV-ND36SPL/B1-T	CM810N1330
		Part code	Quantity
1	Propeller Housing(Upper)	26905200018	2
2	Centrifugal Fan	10425200003	2
3	Brushless DC Motor	15704100001	1
4	Propeller Housing(Lower)	26905200019	2

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22SPL/B1-T	CM810N1580
		GMV-ND25SPL/B1-T	CM810N1570
		GMV-ND28SPL/B1-T	CM810N1340
		GMV-ND32SPL/B1-T	CM810N1560
		GMV-ND36SPL/B1-T	CM810N1330
		Part code	Quantity
5	Blower Mounting Plate Sub-Assy	01325200034	1
6	Cover Plate(Air return)	01265200057	1
7	Bottom Cover Plate Assy	01264100102	1
8	Hook	02112446	2
9	Left Side Plate Assy	01314100136	1
10	Electric Box Assy	01394100602	1
11	Terminal Board	4201800002601	1
12	Terminal Board	42011106	1
13	Main Board	30226000029	1
14	Main Board 2	30227000010	1
15	Water Pump	4313822001	1
16	Pump Drainpipe	26904100172	1
17	Water Level Switch	4501270301	1
18	Electric Expand Valve Fitting	4304413215	1
19	Electronic Expansion Valve	07334463	1
20	Strainer	07213050	1
21	Strainer	0721200102	1
23	Air Outlet Frame Assy	01374100090	1
24	Evaporator Assy	01024100202	1
25	Water Tray Assy	01285200020	1
26	Top Cover Board Assy	01265200066	1
27	Right Side Plate Assy	01315200053	1
28	Sensor Sub-assy	39004168G	1
29	Display Board	30296000026	1

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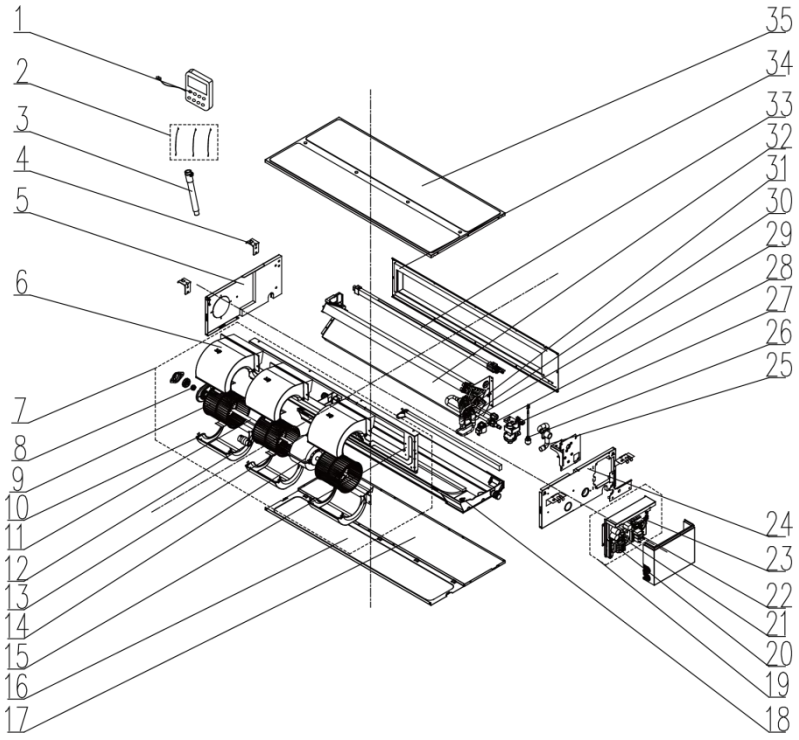
Exploded View of GMV-ND40PLS/B1-T, GMV-ND45PLS/B1-T, GMV-ND50PLS/B1-T, GMV-ND56PLS/B1-T, GMV-ND63PLS/B1-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND40SPL/B1-T	CM810N1550
		GMV-ND45SPL/B1-T	CM810N1350
		GMV-ND50SPL/B1-T	CM810N1540
		GMV-ND56SPL/B1-T	CM810N1530
		GMV-ND63SPL/B1-T	CM810N1360
1	Display Board	300001000054	1
2	Sensor Sub-Assy	390002000005	1
4	Hook	2112446	2
5	Right Side Plate Assy	1315200053	1
6	Propeller Housing(Upper)	26905200018	3
7	Centrifugal Fan Assy	15404100032	1
8	Fan Bearing	76512210	1
9	Centrifugal Fan	10425200003	3
10	Propeller Housing(Lower)	26905200019	3
11	Rotary Axis Sub-Assy	73018761	1
12	Joint Slack	73018731	1
13	Motor Support	1805200144	1
14	Brushless DC Motor	1570410000102	1
15	Blower Mounting Plate Sub-Assy	1325200035	1
16	Cover Of Air-In	1265200073	1
17	Bottom Cover Plate Assy	1264100103	1
18	Water Tray Assy	1285200022	1
19	Electric Box Assy	1394100615	1
20	Terminal Board	42011106	1
21	Terminal Board	4201800002601	1
23	Main Board	30226000029	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND40SPL/B1-T	CM810N1550
		GMV-ND45SPL/B1-T	CM810N1350
		GMV-ND50SPL/B1-T	CM810N1540
		GMV-ND56SPL/B1-T	CM810N1530
		GMV-ND63SPL/B1-T	CM810N1360
24	Left Side Plate Assy	1314100136	1
25	Drain Hose Sub-Assy	5232050	1
26	Water Level Switch	4501270303	1
27	Water Pump	4313822002	1
28	Electric Expand Valve Fitting	4304413253	1
29	Electronic Expansion Valve	7334466	1
30	Strainer	721200102	1
31	Strainer	7213050	1
32	Evaporator Assy	1024100211	1
34	Air Outlet Frame Assy	1374100091	1
35	Top Cover Board Assy	1265200068	1

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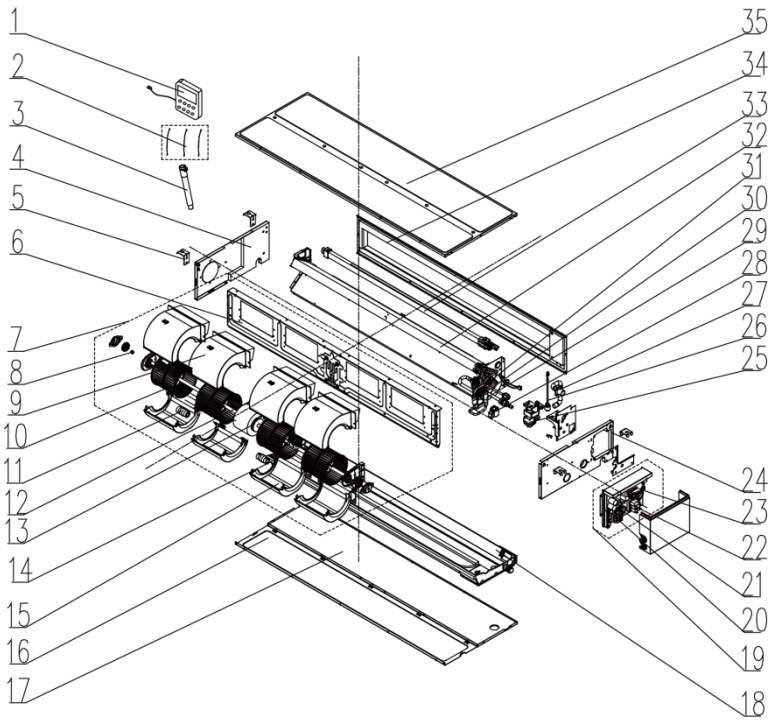
Exploded View of GMV-ND71PLS/B1-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND40SPL/B1-T	CM810N1550
1	Display Board	30296000026	1
2	Sensor Sub-Assy	39004168G	1
3	Corrugated Pipe	05010051	1
4	Right Side Plate Assy	01315200053	1
5	Hook	02112446	2
6	Blower Mounting Plate Sub-Assy	01325200053	1
7	Centrifugal fan assy	15404100038	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND40SPL/B1-T	CM810N1550
8	Fan Bearing	76512210	1
9	Propeller Housing(Upper)	26905200018	4
10	Centrifugal Fan	10425200003	4
11	Joint Slack	73018731	2
12	Motor Support	01805200144	1
13	Brushless DC Motor	15704100001	1
14	Rotary Axis Sub-Assy	73018761	2
15	Propeller Housing(Lower)	26905200019	4
16	Cover Of Air-In	01265200085	1
17	Bottom Cover Plate Assy	01264100104	1
18	Water Tray Assy	01285200029	1
19	Electric Box Assy	01394100602	1
20	Terminal Board	4201800002601	1
21	Terminal Board	42011106	1
22	Main Board 2	30227000010	1
23	Main Board	30226000029	1
24	Left Side Plate Assy	01314100136	1
25	Water Pump	4313822001	1
26	Water Level Switch	4501270301	1
27	Drain Hose Sub-Assy	05232050	1
28	Electric Expand Valve Fitting	4304413215	1
29	Electronic Expansion Valve	07334466	1
30	Strainer	07213050	1
31	Strainer	0721200102	1
32	Evaporator Assy	01024100197	1
34	Air Outlet Frame Assy	01374100092	1
35	Top Cover Board Assy	01265200092	1

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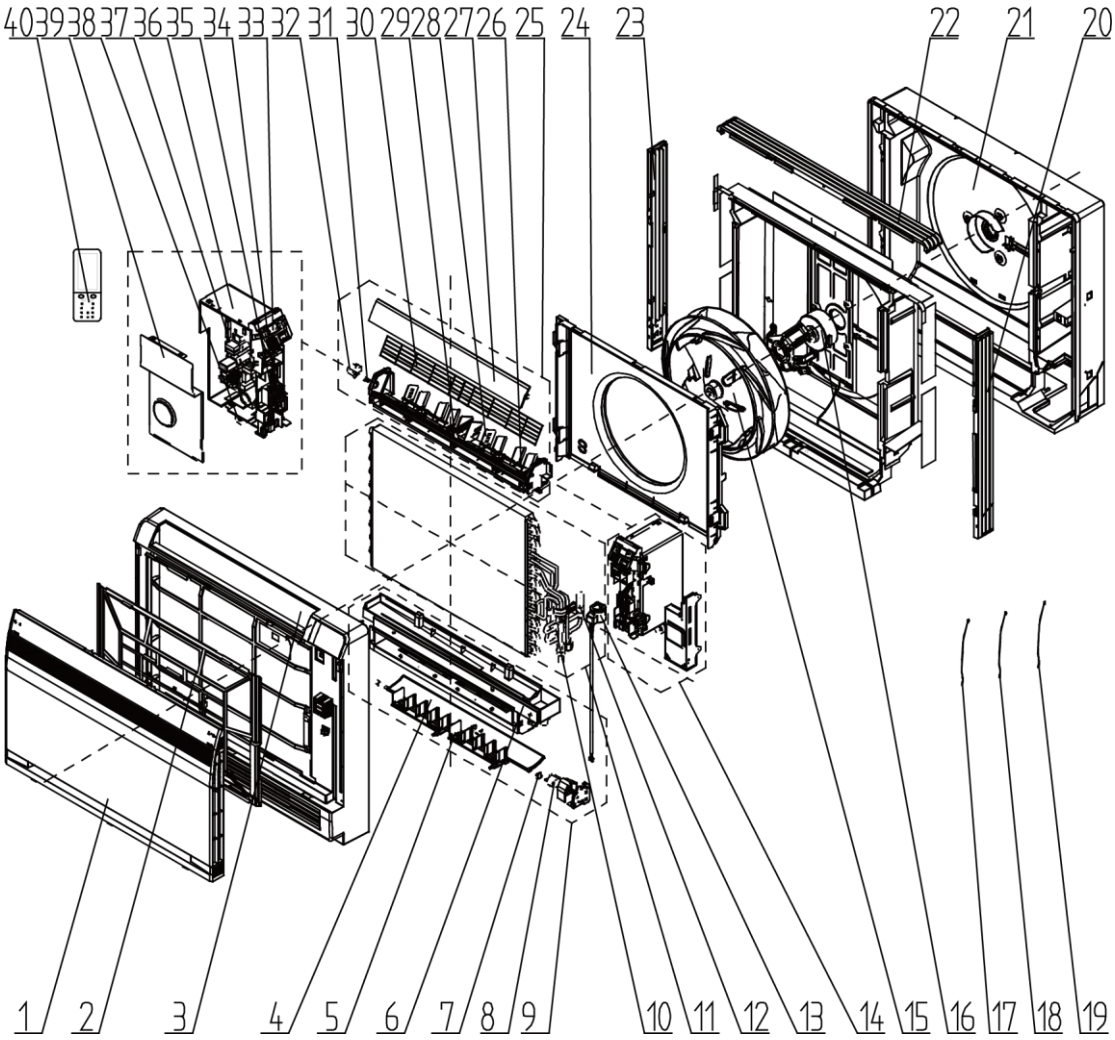
5.12 Console Type Indoor Unit

Exploded View of GMV-ND22C/A-T, GMV-ND28C/A-T, GMV-ND36C/A-T, GMV-ND45C/A-T, GMV-ND50C/A-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22C/A-T	CM400N0140
		GMV-ND28C/A-T	CM400N0070
		GMV-ND36C/A-T	CM400N0080
		GMV-ND45C/A-T	CM400N0150
		GMV-ND50C/A-T	CM400N0090
		Part code	Quantity
1	Front Panel Assy	20012756	1
2	Filter Sub-Assy	11122139	1
3	Front Case Assy	20012601	1
4	Air Louver(lower)	10512146	1
5	Air Louver(lower)	10512144	2
6	Water Tray	20182140	1
7	Axis(lower step motor)	10542034	1
8	Stepping Motor	1521210101	1
9	Water Tray Assy	20182141	1
10	Strainer	7213029	1
11	Evaporator Assy	1024100143	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22C/A-T	CM400N0140
		GMV-ND28C/A-T	CM400N0070
		GMV-ND36C/A-T	CM400N0080
		GMV-ND45C/A-T	CM400N0150
		GMV-ND50C/A-T	CM400N0090
		Part code	Quantity
12	Electronic Expansion Valve	7334282	1
13	Electric Expand Valve Fitting	4304000102	1
14	Electric Box Assy	1394100489	1
15	Centrifugal Fan	1394100489	1
16	Brushless DC Motor	15704100012	1
17	Temperature Sensor	3900005910	1
18	Temperature Sensor	390000597	1
19	Temperature Sensor	3900019824	1
20	Let Side Plate	20052011	1
21	Rear Case	22202461	1
22	Top Side Plate	20052013	1
23	Right Side Plate	20052012	1
24	Diversion Circle	10371212	1
25	Louver Motor Sub-assy	21100001	1
26	Swing Lever	10582096	2
27	Guide Louver (upper)	10512145	1
28	Air Louver(upper)	10512143	2
29	Shaft of Guide Louver	10542020	2
30	Rear Grill	1472024	1
31	Crank	73012005	1
32	Stepping Motor	1521210101	1
33	Display Board	30568131	1
34	Pinboard	30278000001	1
35	Terminal Board	42010268	1
36	Electric Board	20112116	1
37	Main Board	30226000080	1
38	Magnetic Ring	49010104	1
39	Shield Cover of Electric Box Sub-assy	01592169	1
40	Remote Controller	30510589	1

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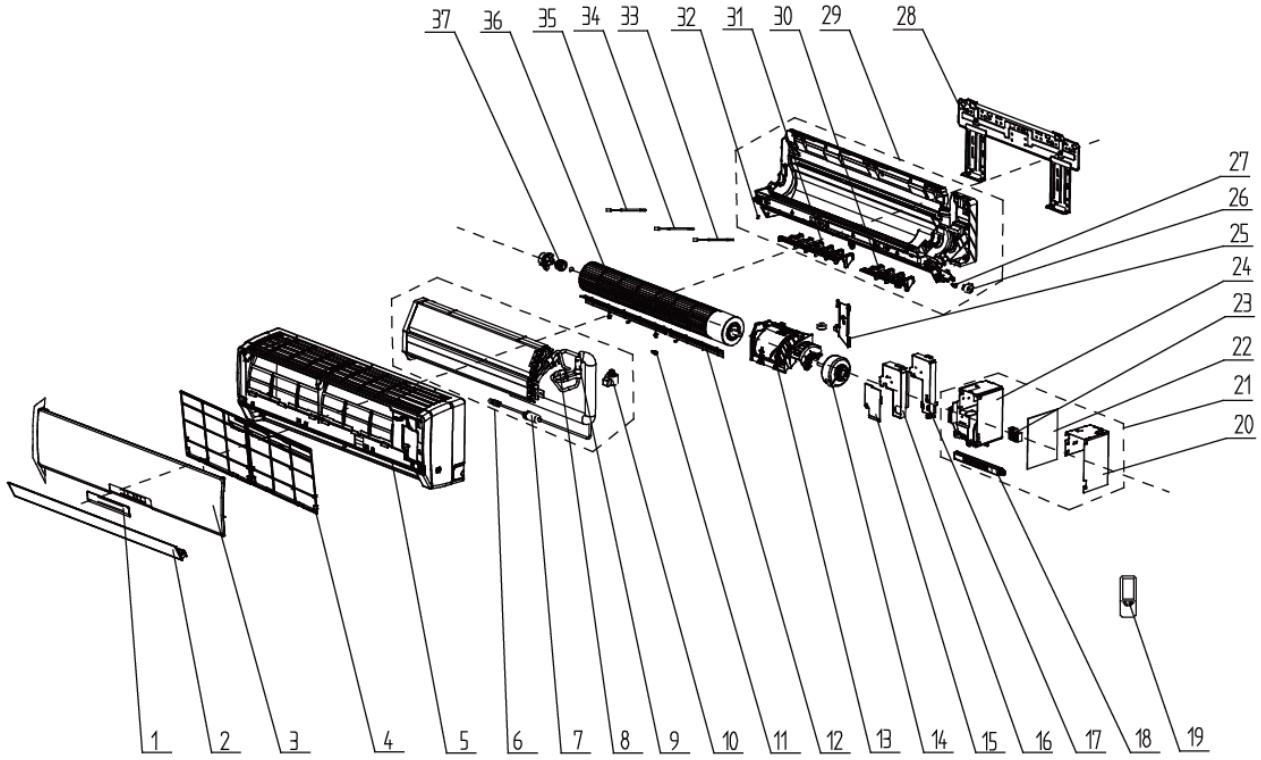
5.13 Wall Mounted Type Indoor Unit

Exploded View of GMV-N22G/A3A-K, GMV-N28G/A3A-K:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-N22G/A3A-K	CM100N1350
		GMV-N28G/A3A-K	CM100N1340
		Part code	Quantity
1	Receiver Window	22432230	1
2	Guide Louver	10512157	1
3	Front Panel B1	20012122S	1
4	Filter Sub-Assy	1112220403	1
5	Front Case Sub-assy	2001213931	1
6	Evaporator Assy	1024100097	2
7	Strainer	07414100006	4
8	Strainer	07213050	4
9	Electronic Expansion Valve	07334463	4
10	Electric Expand Valve Fitting	4304413217	2
11	Axile Bush	10542036	1
12	Rear Grill	01472013	1
13	Motor Press Plate	26904100117	1
14	Fan Motor	1501208905	1
15	Electric Box Cover2	2012207504	1
16	Shield Cover of Electric Box Sub-assy	01592073	1
17	Electric Box Cover1	2224213502	1
18	Display Board	30565007	2
19	Remote Controller	30510589	1
20	Lower Shield Sub-assy of Electric Box	01592072	2
21	Electric Box Assy	01394100451	1
22	Main Board	30226000061	2

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-N22G/A3A-K	CM100N1350
		GMV-N28G/A3A-K	CM100N1340
		Part code	Quantity
23	Terminal Board	42010268	2
24	Electric Box	2011216702	2
25	Connecting pipe clamp	26112164	1
26	Stepping Motor	1521212901	2
27	Crank	10582070	2
28	Wall Mounting Frame	01252021	1
29	Rear Case Sub-Assy	2220294712	2
30	Air Louver 1	10512164	2
31	Air Louver 2	10512165	2
32	Left Axile Bush	10512037	2
33	Temperature Sensor	390000454	1
34	Temperature Sensor	39000076G	1
35	Temperature Sensor	390002072G	1
36	Cross Flow Fan	10454101	1
37	O-Gasket of Cross Fan Bearing	76512203	3

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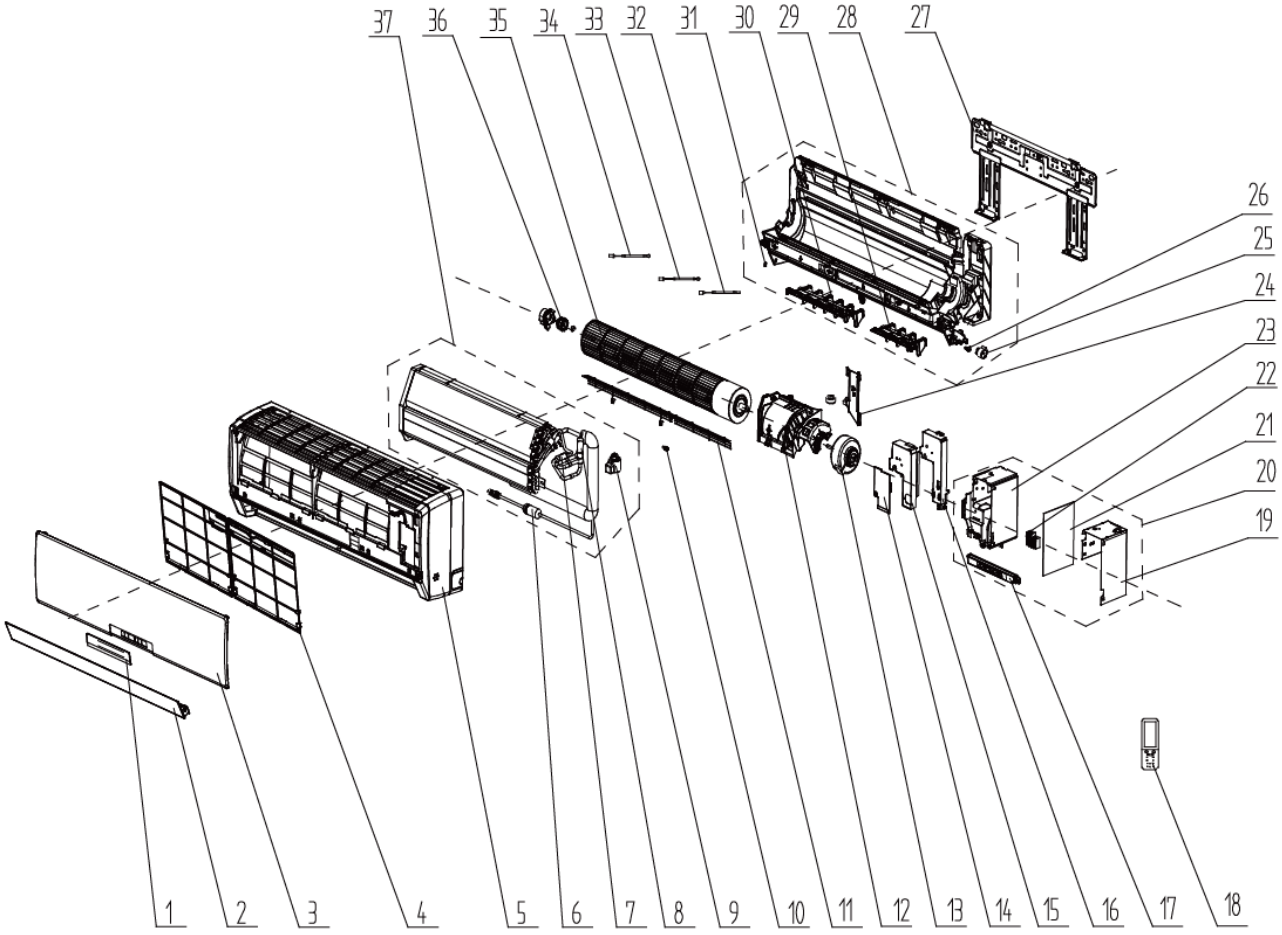
GMV-N36G/A3A-K, GMV-N45G/A3A-K, GMV-N50G/A3A-K:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-N36G/A3A-K	CM100N1360
		GMV-N45G/A3A-K	CM100N1370
		GMV-N50G/A3A-K	CM100N1330
		Part code	Quantity
1	Receiver Window	22432173	1
2	Guide Louver	10512115	1
3	Front Panel Assy	20012260	1
4	Filter Sub-Assy	1112000000	2
5	Front Case Sub-assy	20022172	1
6	Strainer	07414100006	1
7	Strainer	7213050	1
8	Electronic Expansion Valve	7334466	1
9	Electric Expand Valve Fitting	4304000000	1
10	Axile Bush	10542036	1
11	Mesh Enclosure(Air Outlet)	1472015	1
12	Motor Press Plate	26904264	1
13	Fan Motor	1501000000	1
14	Electric Box Cover	2011000000	1
15	Shield Cover of Electric Box	1592092	1
16	Electric Box Cover1	2012000000	1
17	Display Board	30565038	1
18	Remote Controller	30510589	1
19	Lower Shield of Electric Box	1592091	1
20	Electric Box Assy	1394000000	1
21	Main Board	30230000000	1
22	Terminal Board	42010268	1
23	Electric Box	2011000000	1
24	Connecting pipe clamp	26112164	1
25	SteppingMotor	15012086	1
26	Crank	10582070	1
27	Wall Mounting Frame	1252218	1
28	Rear Case Sub-Assy	2220000000	1
29	Air Louver 1	10512708	1
30	Air Louver 2	10512709	1
31	Left Axile Bush	10512037	1
32	Temperature Sensor	39000076G	1
33	Temperature Sensor	390000454	1
34	Temperature Sensor	390002072G	1
35	Cross Flow Fan	10454102	1
36	O-Gasket of Cross Fan Bearing	76512203	1
37	Evaporator Assy	01024100101	1

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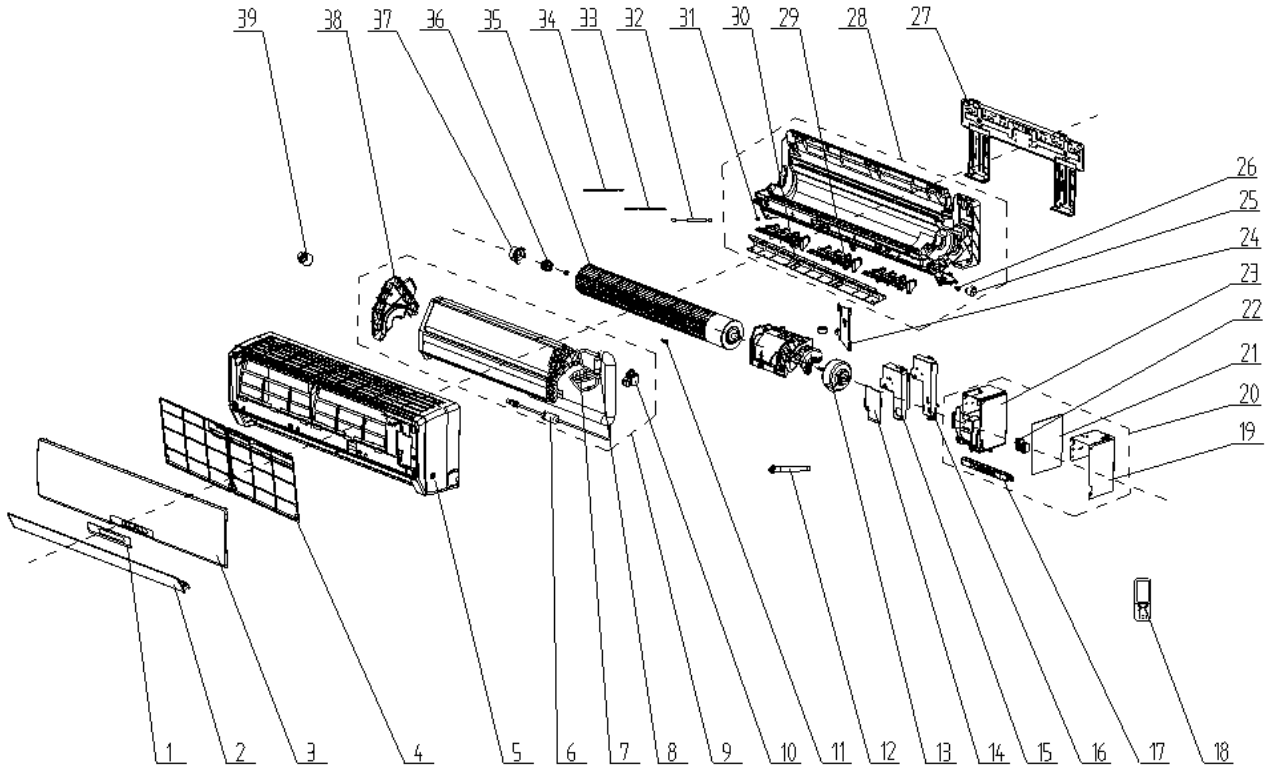
GMV-N56G/A3A-K, GMV-N63G/A3A-K, GMV-N71G/A3A-K:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-N56G/A3A-K	CM100N1380
		GMV-N63G/A3A-K	CM100N1390
		GMV-N71G/A3A-K	CM100N1340
		Part code	Quantity
1	Receiver Window	22432173	1
2	Guide Louver	10512118	1
3	Front Panel Assy	20012328	1
4	Filter Sub-Assy	11122091	2
5	Front Case Assy	20012329	1
6	Strainer A	0721002201	1
7	Filter Sub-Assy	11120011	1
8	Electronic Expansion Valve	07334466	1
9	Evaporator Assy	011001060267	1
10	Electric Expand Valve Fitting	4304413217	1
11	Axile Bush	10542036	2
12	Drainage Hose	0523001405	1
13	Fan Motor	15012098	1
14	Electric Box Cover2	2011208104	1
15	Shield Cover of Electric Box	01592092	1
16	Electric Box Cover1	20122154	1
17	Display Board	30565038	1
18	Remote Controller	30510589	1
19	Lower Shield of Electric Box	01592091	1
20	Electric Box Assy	01394100336	1
21	Main Board	30226000063	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-N56G/A3A-K	CM100N1380
		GMV-N63G/A3A-K	CM100N1390
		GMV-N71G/A3A-K	CM100N1340
		Part code	Quantity
22	Terminal Board	4201026805	1
23	Electric Box	01394100336	1
24	Connecting pipe clamp	26112188	1
25	Stepping Motor	1521300101	1
26	Crank	10582070	1
27	Wall Mounting Frame	01252032	1
28	Rear Case assy	01514100012	1
29	Air Louver 1	10512159	3
30	Helicoid Tongue	26112187	1
31	Left Axile Bush	10512037	1
32	Temperature Sensor	39000076G	1
33	Temperature Sensor	390000456	1
34	Temperature Sensor	390002072	1
35	Cross Flow Fan	10454103	1
36	O-Gasket of Cross Fan Bearing	76512203	1
37	Ring of Bearing	26152025	1
38	Evaporator Support	24212103	1
39	Rubber Plug	76712012	1

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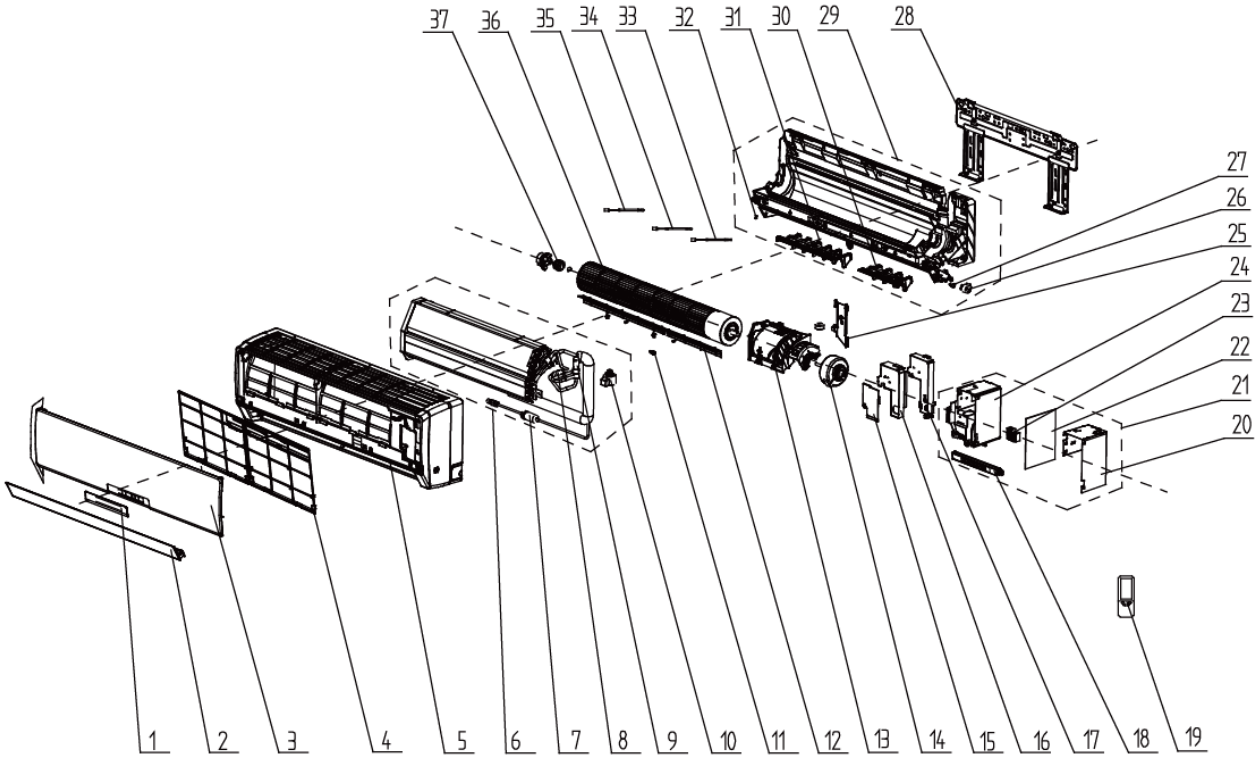
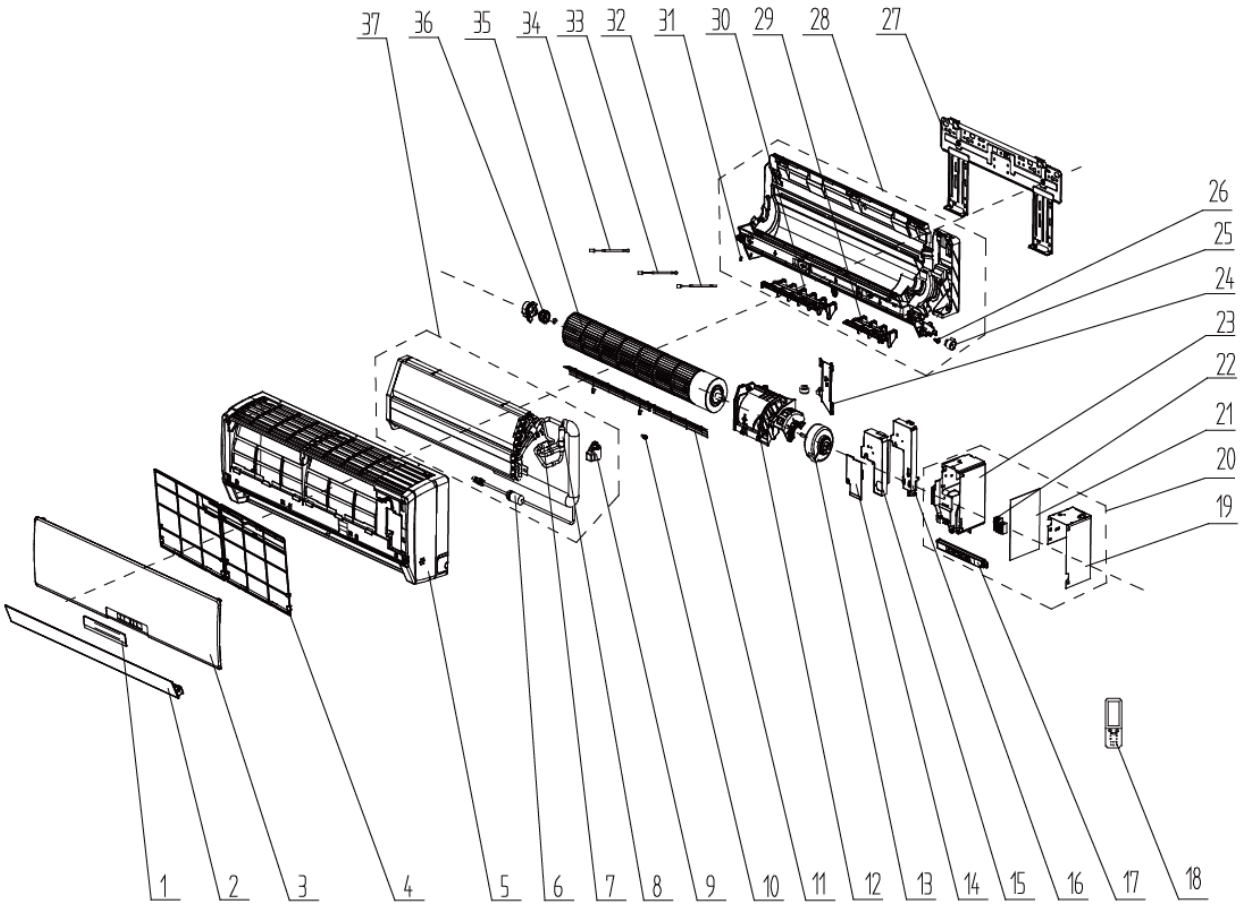
Exploded View of GMV-ND22G/A3A-T、GMV-ND28G/A3A-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22G/A3A-T	CM100N2560
		GMV-ND28G/A3A-T	CM100N2600
		Part code	Quantity
1	Receiver Window	22432230	1
2	Guide Louver	10512157	1
3	Front Panel A3	20012123C	1
4	Filter Sub-Assy	1112220403	1
5	Front Case Sub-assy	2001213931	1
6	Evaporator Assy	01024100097	2
7	Strainer	07414100006	4
8	Strainer	07213050	4
9	Electronic Expansion Valve	07334463	4
10	Electric Expand Valve Fitting	4304413217	2
11	Axile Bush	10542036	1
12	Rear Grill	01472013	1
13	Motor Press Plate	26904100117	1
14	Fan Motor	1501306804	1
15	Electric Box Cover2	2012207504	1
16	Shield Cover of Electric Box Sub-assy	01592073	1
17	Electric Box Cover1	2224213502	1
18	Display Board	30565007	2
19	Remote Controller	30510589	1
20	Lower Shield Sub-assy of Electric Box	01592072	2
21	Electric Box Assy	01394100451	1
22	Main Board	300002000702	2
23	Terminal Board	42010268	2
24	Electric Box	2011216702	2
25	Connecting pipe clamp	26112164	1
26	Stepping Motor	1521212901	2
27	Crank	10582070	2
28	Wall Mounting Frame	01252021	1
29	Rear Case Sub-Assy	2220294712	2
30	Air Louver 1	10512164	2
31	Air Louver 2	10512165	2
32	Left Axile Bush	10512037	2
33	Temperature Sensor	390000454	1
34	Temperature Sensor	39000076G	1
35	Temperature Sensor	390002072G	1
36	Cross Flow Fan	10454101	1
37	O-Gasket of Cross Fan Bearing	76512203	3

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND36G/A3A-T、GMV-ND45G/A3A-T、GMV-ND50G/A3A-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/A3A-T	CM100N2590
		GMV-ND45G/A3A-T	CM100N2580
		GMV-ND50G/A3A-T	CM100N2610
		Part code	Quantity
1	Receiver Window	22432173	1
2	Guide Louver	10512115	1
3	Front Panel Assy	20022146	1
4	Filter Sub-Assy	1112000000	2
5	Front Case Sub-assy	20022172	1
6	Strainer	07414100006	1
7	Strainer	7213050	1
8	Electronic Expansion Valve	7334466	1
9	Electric Expand Valve Fitting	4304000000	1
10	Axile Bush	10542036	1
11	Mesh Enclosure(Air Outlet)	1472015	1
12	Motor Press Plate	26904264	1
13	Fan Motor	1501246601	1
14	Electric Box Cover	2011000000	1
15	Shield Cover of Electric Box	1592092	1
16	Electric Box Cover1	2012000000	1
17	Display Board	30565038	1
18	Remote Controller	30510589	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/A3A-T	CM100N2590
		GMV-ND45G/A3A-T	CM100N2580
		GMV-ND50G/A3A-T	CM100N2610
		Part code	Quantity
19	Lower Shield of Electric Box	1592091	1
20	Electric Box Assy	1394000000	1
21	Main Board	300002000703	1
22	Terminal Board	42010268	1
23	Electric Box	2011000000	1
24	Connecting pipe clamp	26112164	1
25	Stepping Motor	15012086	1
26	Crank	10582070	1
27	Wall Mounting Frame	1252218	1
28	Rear Case Sub-Assy	2220000000	1
29	Air Louver 1	10512708	1
30	Air Louver 2	10512709	1
31	Left Axile Bush	10512037	1
32	Temperature Sensor	39000076G	1
33	Temperature Sensor	390000454	1
34	Temperature Sensor	390002072G	1
35	Cross Flow Fan	10454102	1
36	O-Gasket of Cross Fan Bearing	76512203	1
37	Evaporator Assy	01024100101	1

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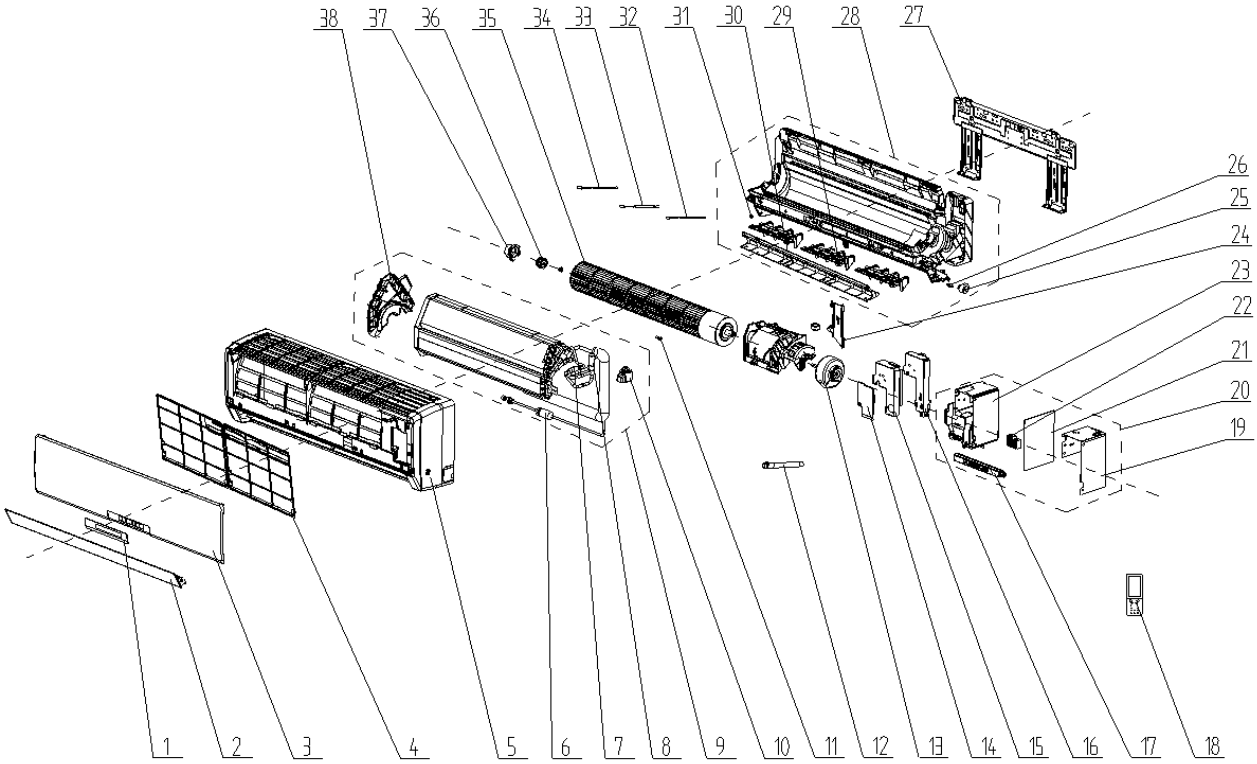
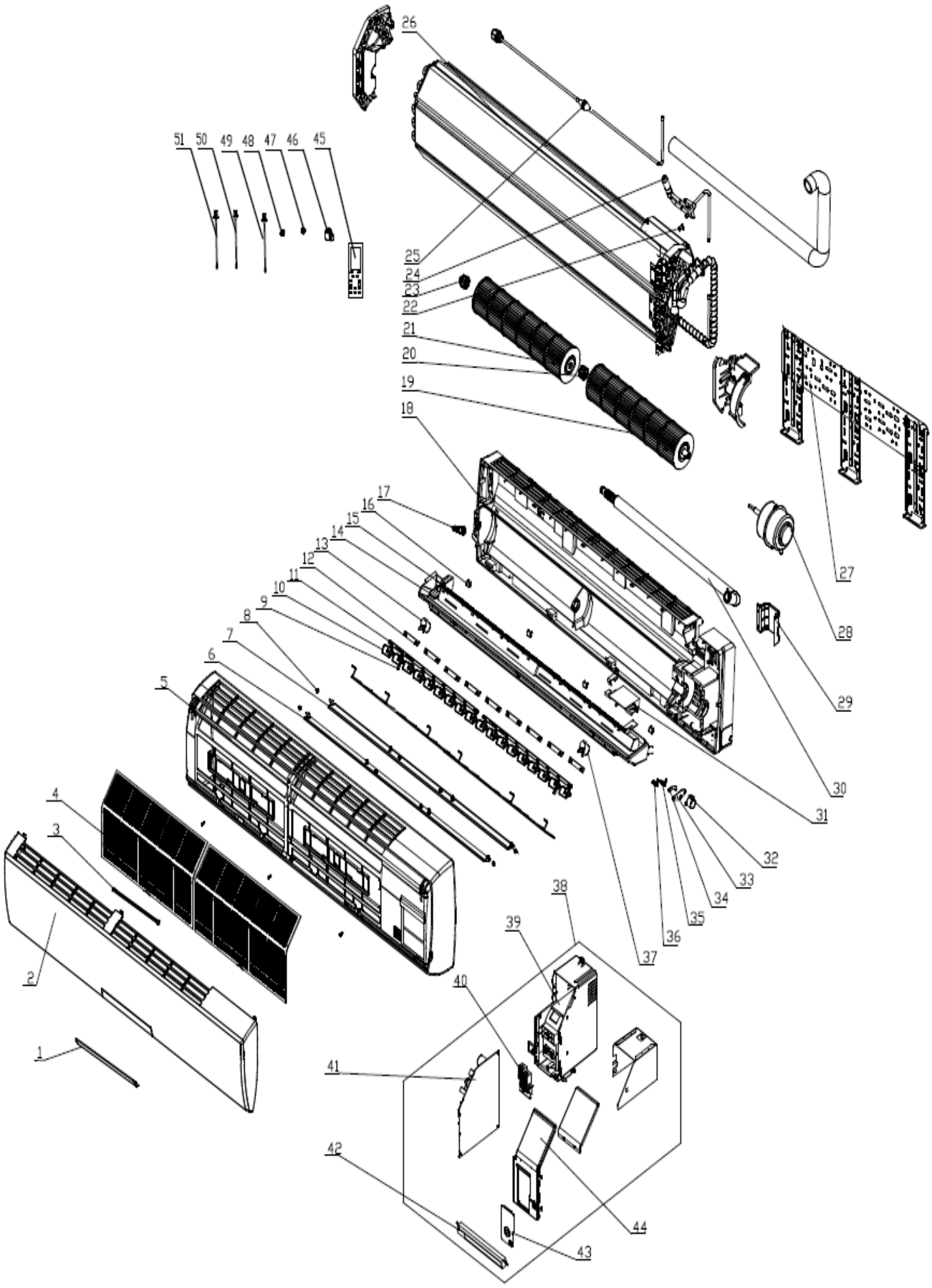
Exploded View of GMV-ND56G/A3A-T、GMV-ND63G/A3A-T、GMV-ND71G/A3A-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/A3A-T	CM100N2570
		GMV-ND63G/A3A-T	CM100N2550
		GMV-ND71G/A3A-T	CM100N2540
		Part code	Quantity
1	Receiver Window	22432173	1
2	Guide Louver	10512118	1
3	Front Panel Assy	20012328	1
4	Filter Sub-Assy	11122091	2
5	Front Case Assy	20012329	1
6	Strainer	07414100006	1
7	Strainer	11120011	1
8	Electronic Expansion Valve	07334466	1
9	Evaporator Assy	01024100100	1
10	Electric Expand Valve Fitting	4304413217	1
11	Axile Bush	10542036	2
12	Drainage Hose	0523001405	1
13	Fan Motor	1501212701	1
14	Electric Box Cover	2011208104	1
15	Shield Cover of Electric Box	01592092	1
16	Electric Box Cover1	20122154	1
17	Display Board	30565038	1
18	Remote Controller	30510589	1
19	Lower Shield of Electric Box	01592091	1
20	Electric Box Assy	100002003094	1
21	Main Board	300002000703	1
22	Terminal Board	4201026805	1
23	Electric Box	2011210801	1
24	Connecting pipe clamp	26112188	1
25	SteppingMotor	1521300101	1
26	Crank	10582070	1
27	Wall Mounting Frame	01252032	1
28	Rear Case Sub-Assy	2220294203	1
29	Air Louver 1	10512159	3
30	Helicoid Tongue	26112187	1
31	Left Axile Bush	10512037	1
32	Temperature Sensor	39000076G	1
33	Temperature Sensor	390000456	1
34	Temperature Sensor	390002072	1
35	Cross Flow Fan	10454103	1
36	O-Gasket of Cross Fan Bearing	76512203	1
37	Ring of Bearing	26152025	1
38	Evaporator Support	24212103	1

Above data is subject to change without notice, pls reference the SP in global service website.

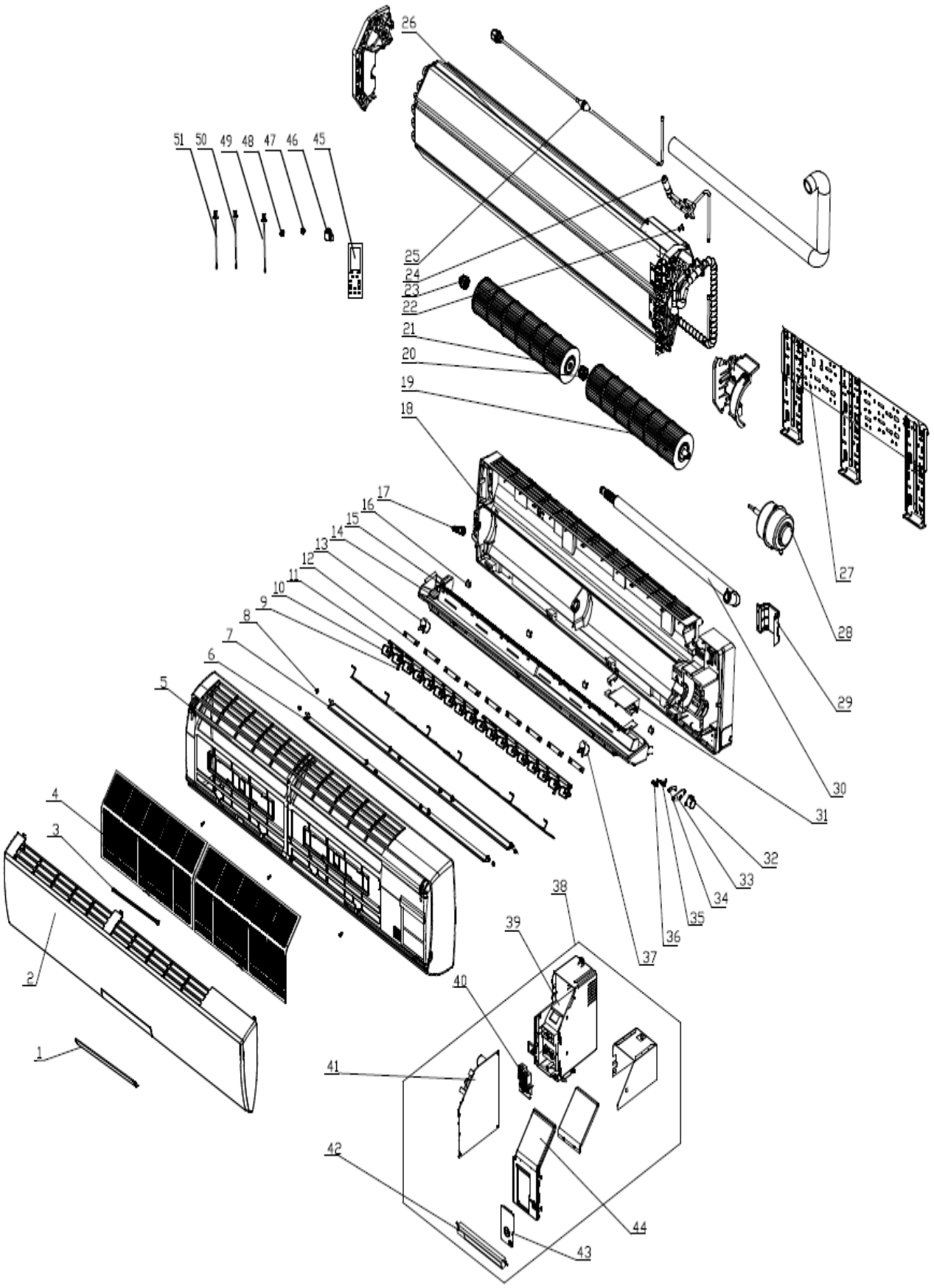
Exploded View of GMV-ND80G/A3A-T、GMV-ND90G/A3A-T、GMV-ND100G/A3A-T、GMV-ND80G/B4B-T、GMV-ND90G/B4B-T、GMV-ND100G/B4B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND80G/A3A-T	CM100N2620
		GMV-ND90G/A3A-T	CM100N2630
		GMV-ND100G/A3A-T	CM100N2640
		Part code	Quantity
1	Receiver Window	22432164	1
2	Front Panel	20012490S	1
3	Stand Bar	24212120	1
4	Filter Sub-Assy	11122106	2
5	Front Case Sub-assy	209007000027	1
6	Upper Guide Louver	10512166	1
7	Lower Guide Louver	10512167	1
8	Axile Bush	10542704	6
9	Air Louver 2	10512169	2
10	Air Louver 1	10512168	16
11	Connecting Rod	10582086	2
12	Louver Clamp	26112127	9
13	Stepping Motor	1521210701	1
14	Water Tray	20182138	1
15	Air Guider System in Water Tray Assy	10102040	1
16	Screw Cover	242520053	4
17	Rubber Plug (Water Tray)	76712012	1
18	Rear Case Sub-Assy	22202703	1
19	Cross Flow Fan 1	10352039	1
20	Bearing Holder Sub-assy	26152028	1
21	Cross Flow Fan 2	10352040	1
22	Filter Sub-Assy	11120012	1
23	O-Gasket sub-assy of Bearing	76512051	1
24	Strainer A	0721002201	1
25	Electronic Expansion Valve	07334468	1
26	Evaporator Assy	011001000608	1
27	Wall Mounting Frame	01252398	1
28	Fan Motor	1501213401	1
29	Pipe Clamp	26112071	1
30	Drainage Hose	0523001404	1
31	Cover Plate	20122124	1
32	Stepping Motor	1501207902	1
33	Press Plate(Crank)	26112070	1
34	Crank-guide	10582041	1
35	Upper Crank	10562004	1
36	Lower crank	10562005	1
37	Stepping Motor	15012122	1
38	Electric Box Assy	100002003763	1
39	Electric Box	201022502	1
40	Terminal Board	42010268	1
41	Main Board	300002000701	1
42	Display Board	30565087	1
43	Electric Box Cover	201022523	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND80G/A3A-T	CM100N2620
		GMV-ND90G/A3A-T	CM100N2630
		GMV-ND100G/A3A-T	CM100N2640
		Part code	Quantity
44	Electric Box Cover	2011204404S	1
45	Remote Controller	30510589	1
46	Electric Expand Valve Fitting	4304413217	1
47	Fan Bearing	7651221001	1
48	Fan Bearing	76512210	1
49	Temperature Sensor	390002072	1
50	Temperature Sensor	39000076G	1
51	Temperature Sensor	390000454	1

Above data is subject to change without notice, pls refer the SP in global service website.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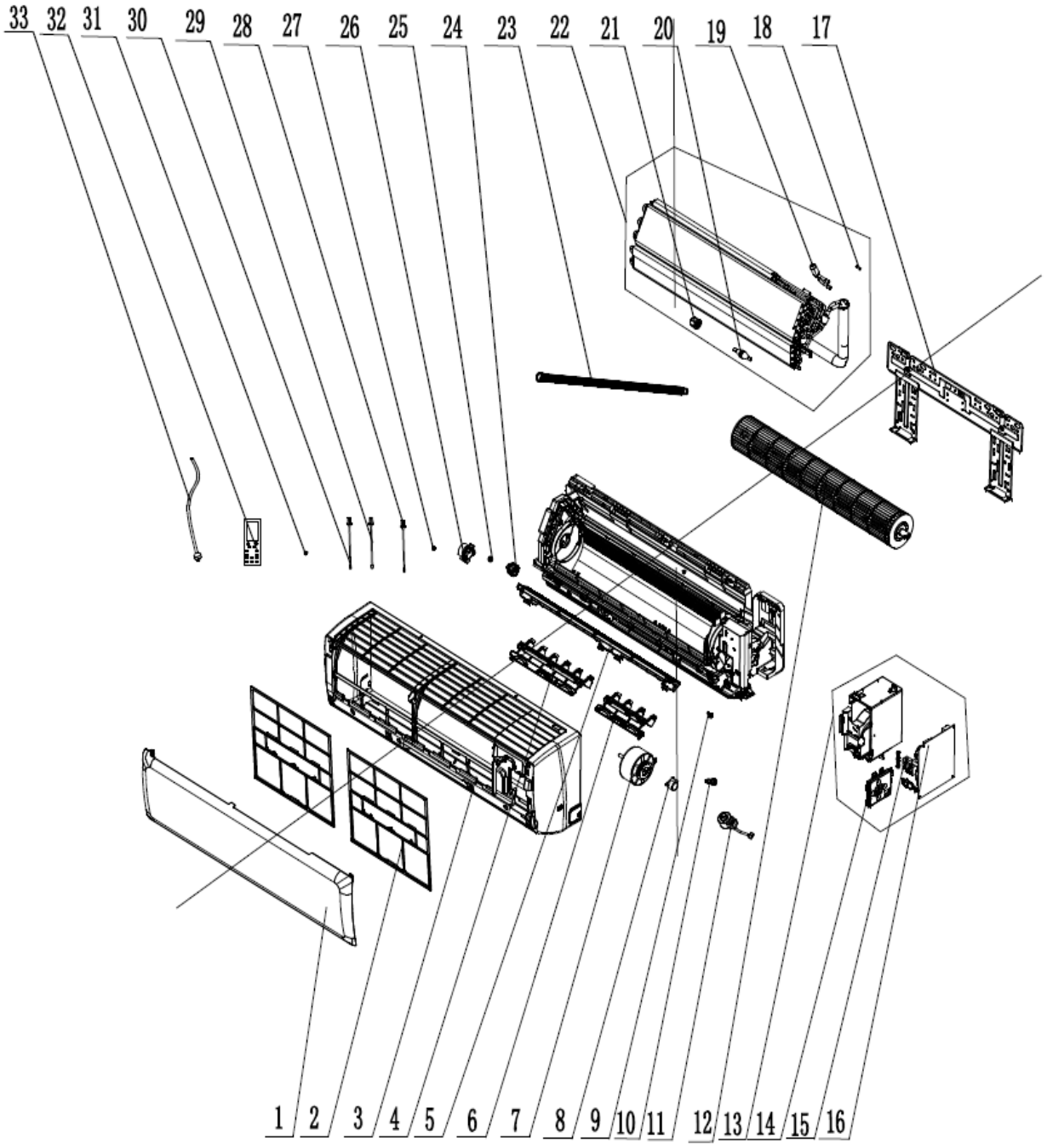
No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND80G/B4B-T	CM100N2930
		GMV-ND90G/B4B -T	CM100N2940
		GMV-ND100G/B4B -T	CM100N2840
		Part code	Quantity
1	Receiver Window	22432164	0
2	Front Panel	20022158C	1
3	Stand Bar	2421212001	1
4	Filter Sub-Assy	1112210601	2
5	Front Case Sub-assy	209007060019	1
6	Upper Guide Louver	10512166	1
7	Lower Guide Louver	10512167	1
8	Axile Bush	10542704	6
9	Air Louver 2	10512169	2
10	Air Louver 1	10512168	16
11	Connecting Rod	10582086	2
12	Louver Clamp	26112127	9
13	Stepping Motor	1521210701	1
14	Water Tray	20182138	1
15	Air Guider System in Water Tray Assy	10102040	1
16	Screw Cover	242520053	4
17	Rubber Plug (Water Tray)	76712012	1
18	Rear Case Sub-Assy	22202703	1
19	Cross Flow Fan 1	10352039	1
20	Bearing Holder Sub-assy	26152028	1
21	Cross Flow Fan 2	10352040	1
22	Filter Sub-Assy	11120012	1
23	O-Gasket sub-assy of Bearing	76512051	1
24	Strainer A	0721002201	1
25	Electronic Expansion Valve	07334468	1
26	Evaporator Assy	011001000608	1
27	Wall Mounting Frame	01252398	1
28	Fan Motor	1501213401	1
29	Pipe Clamp	26112071	1
30	Drainage Hose	0523001404	1
31	Cover Plate	2012212402	1
32	Stepping Motor	1501207902	1
33	Press Plate(Crank)	26112070	1
34	Crank-guide	10582041	1
35	Upper Crank	10562004	1
36	Lower crank	10562005	1
37	Stepping Motor	15012122	1
38	Electric Box Assy	100002063782	1
39	Electric Box	201022502	1
45	Remote Controller	30510589	1
46	Electric Expand Valve Fitting	4304413217	1
47	Fan Bearing	7651221001	1
48	Fan Bearing	76512210	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND80G/B4B-T	CM100N2930
		GMV-ND90G/B4B -T	CM100N2940
		GMV-ND100G/B4B -T	CM100N2840
		Part code	Quantity
49	Temperature Sensor	390002072	1
50	Temperature Sensor	39000076G	1
51	Temperature Sensor	390000454	1

Above data is subject to change without notice, pls reference the SP in global service website.

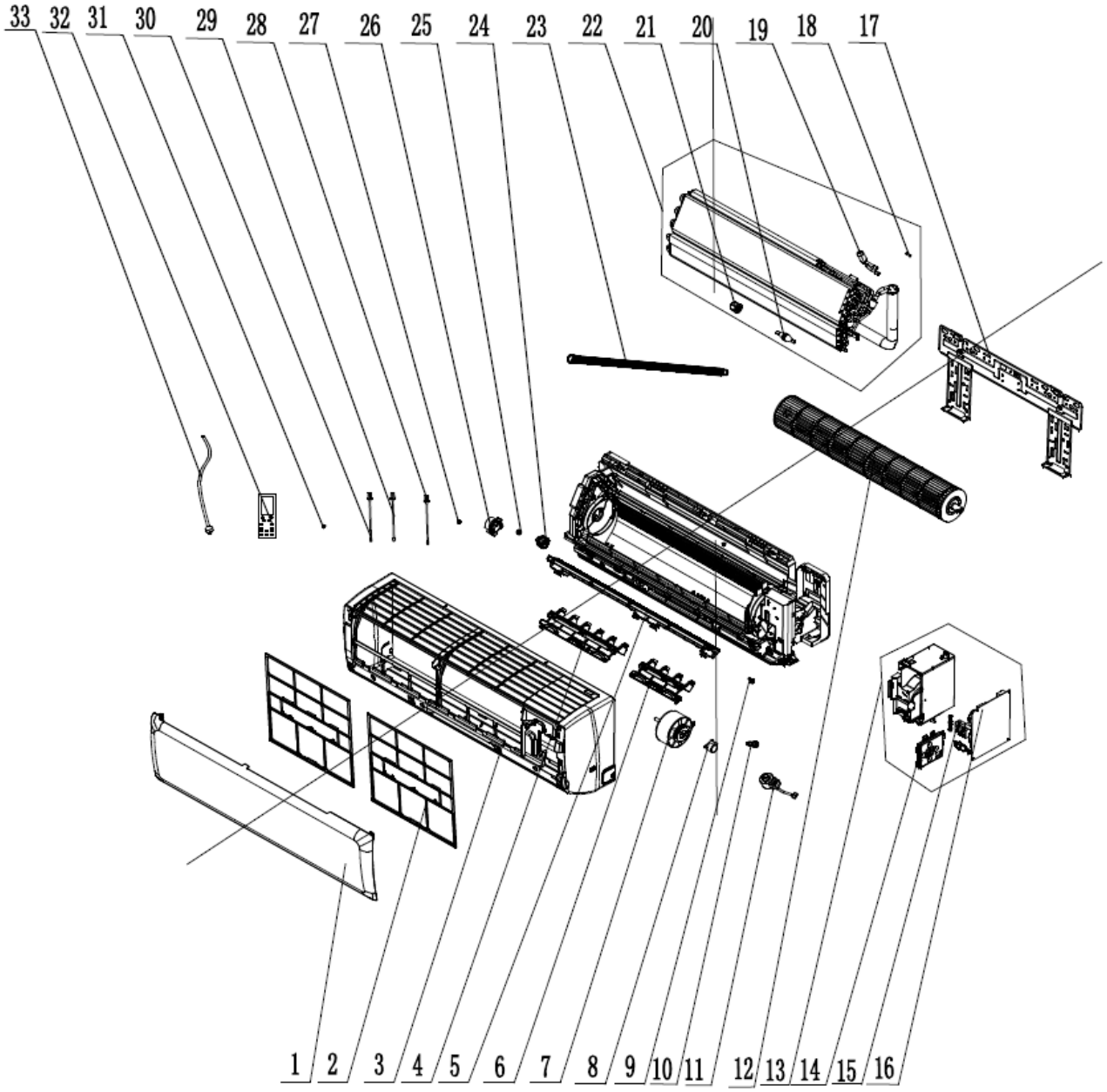
Exploded View of GMV-ND15G/B6B-T, GMV-ND18G/B6B-T, GMV-ND22G/B6B-T, GMV-ND28G/B6B-T, GMV-ND36G/B6B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/B6B-T	CM100N3300
		GMV-ND18G/B6B-T	CM100N3310
		GMV-ND22G/B6B-T	CM100N3240
		GMV-ND28G/B6B-T	CM100N3270
		GMV-ND36G/B6B-T	CM100N3210
		Part code	Quantity
1	Front Panel	20000300049T	1
2	Filter Sub-Assy	11122468	2
3	Front CaseAssy	00000200045	1
4	Air Louver1	10512723	1
5	Helicoid Tongue	26112436	1
6	Air Louver2	10512724	1
7	Fan Motor	1501246601	1
8	Stepping Motor	1521210710	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352056	1
13	Electric Box Assy	100002061039	1
14	Display Board	30565281	1
15	Terminal Board	4201026805	1
16	Main Board	300002061506	1
17	Wall Mounting Frame	01252484	1
18	Filter Sub-Assy	11120011	1
19	Electronic Expansion Valve	07334463	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219201	1
22	Evaporator Assy	011001060163	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152022	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND15G/B4B-T、GMV-ND18G/B4B-T、GMV-ND22G/B4B-T、GMV-ND28G/B4B-T、GMV-ND36G/B4B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/B4B-T	CM100N3280
		GMV-ND18G/B4B-T	CM100N3290
		GMV-ND22G/B4B-T	CM100N2770
		GMV-ND28G/B4B-T	CM100N2780
		GMV-ND36G/B4B-T	CM100N2760
		Part code	Quantity
1	Front Panel	20000300027T	1
2	Filter Sub-Assy	11122468	2
3	Front CaseAssy	00000200045	1
4	Air Louver1	10512723	1
5	Helicoid Tongue	26112436	1
6	Air Louver2	10512724	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/B4B-T	CM100N3280
		GMV-ND18G/B4B-T	CM100N3290
		GMV-ND22G/B4B-T	CM100N2770
		GMV-ND28G/B4B-T	CM100N2780
		GMV-ND36G/B4B-T	CM100N2760
		Part code	Quantity
7	Fan Motor	1501246601	1
8	Stepping Motor	1521210710	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352056	1
13	Electric Box Assy	100002061039	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01252484	1
18	Filter Sub-Assy	11120011	1
19	Electronic Expansion Valve	07334463	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219201	1
22	Evaporator Assy	011001060163	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152022	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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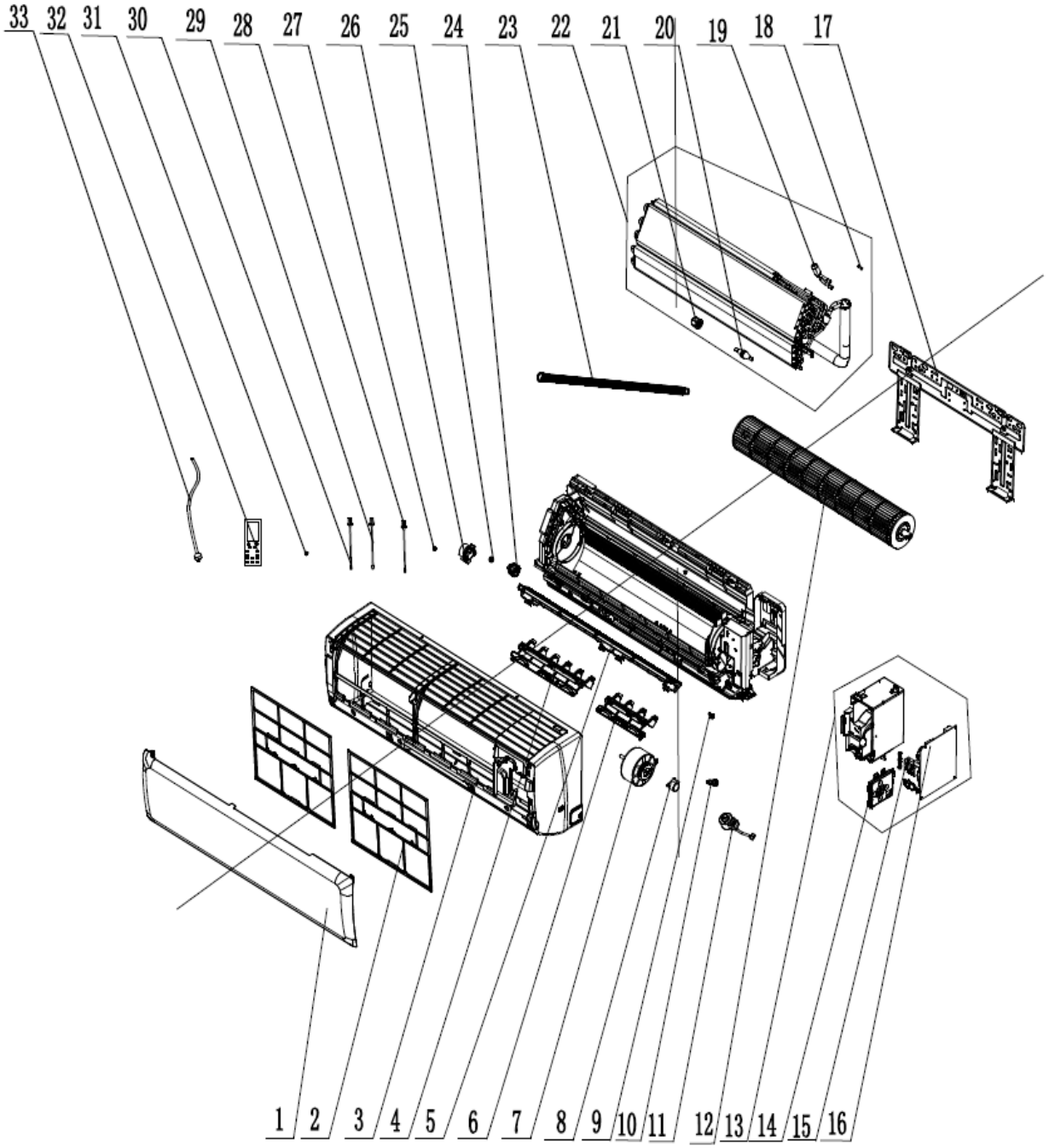
Exploded View of GMV-ND22G/C4B-T、GMV-ND28G/C4B-T、GMV-ND36G/C4B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22G/C4B-T	CM100N3140
		GMV-ND28G/C4B-T	CM100N3130
		GMV-ND36G/C4B-T	CM100N3150
		Part code	Quantity
1	Front Panel	20000300098S	1
2	Filter Sub-Assy	11122468	2
3	Front CaseAssy	00000200045	1
4	Air Louver1	10512723	1
5	Helicoid Tongue	26112436	1
6	Air Louver2	10512724	1
7	Fan Motor	1501246601	1
8	Stepping Motor	1521210710	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352056	1
13	Electric Box Assy	100002061039	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01252484	1
18	Filter Sub-Assy	11120011	1
19	Electronic Expansion Valve	07334463	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219201	1
22	Evaporator Assy	011001060163	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152022	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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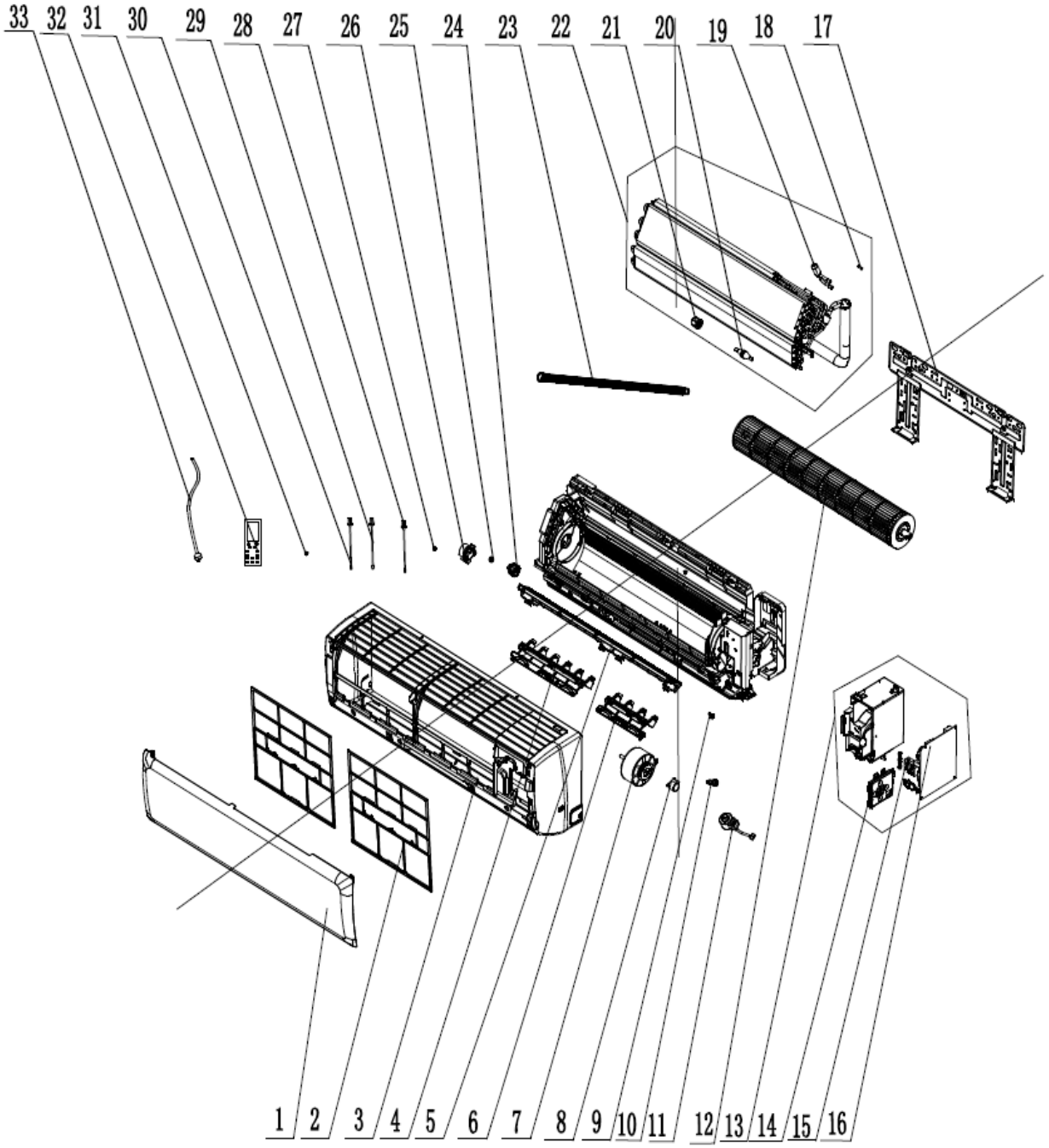
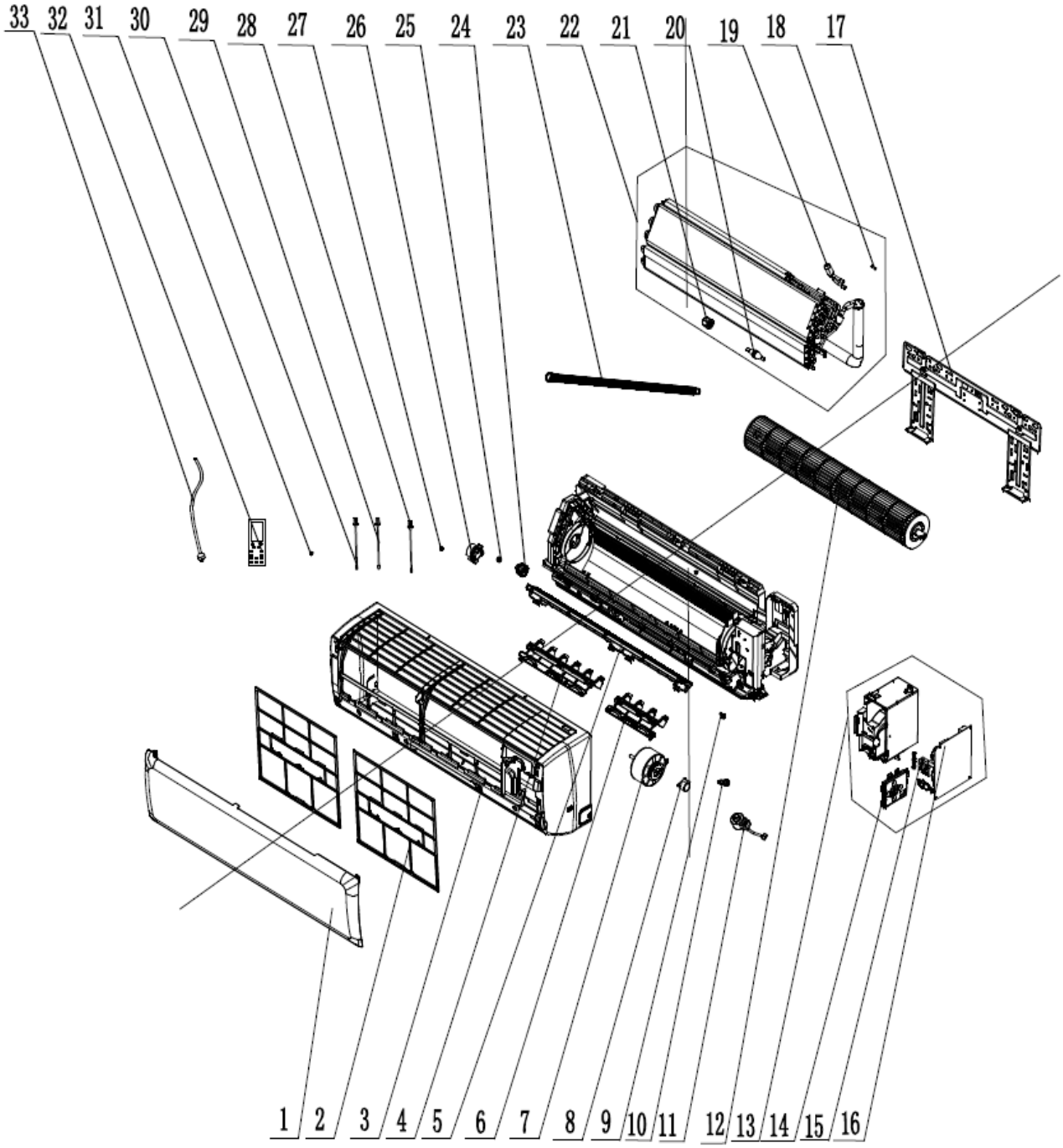
Exploded View of GMV-ND22G/C2B-T、GMV-ND28G/C2B-T、GMV-ND36G/C2B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22G/C2B-T	CM100N3040
		GMV-ND28G/C2B-T	CM100N3080
		GMV-ND36G/C2B-T	CM100N3050
		Part code	Quantity
1	Front Panel	20000300069S	1
2	Filter Sub-Assy	11122468	2
3	Front CaseAssy	00000200045	1
4	Air Louver1	10512723	1
5	Helicoid Tongue	26112436	1
6	Air Louver2	10512724	1
7	Fan Motor	1501246601	1
8	Stepping Motor	1521210710	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352056	1
13	Electric Box Assy	100002061039	1
14	Display Board	30565281	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01252484	1
18	Filter Sub-Assy	11120011	1
19	Electronic Expansion Valve	07334463	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219201	1
22	Evaporator Assy	011001060163	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152022	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND22G/D2B-T、GMV-ND28G/D2B-T、GMV-ND36G/D2B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND22G/D2B-T	CM100N2850
		GMV-ND28G/D2B-T	CM100N2860
		GMV-ND36G/D2B-T	CM100N2870
		Part code	Quantity
1	Front Panel	00000300003303	1
2	Filter Sub-Assy	11122468	2
3	Front CaseAssy	00000200000703	1
4	Air Louver1	10512723	1
5	Helicoid Tongue	26112436	1
6	Air Louver2	10512724	1
7	Fan Motor	1501246601	1
8	Stepping Motor	1521210710	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352056	1
13	Electric Box Assy	100002061039	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01252484	1
18	Filter Sub-Assy	11120011	1
19	Electronic Expansion Valve	07334463	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219201	1
22	Evaporator Assy	011001060163	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152022	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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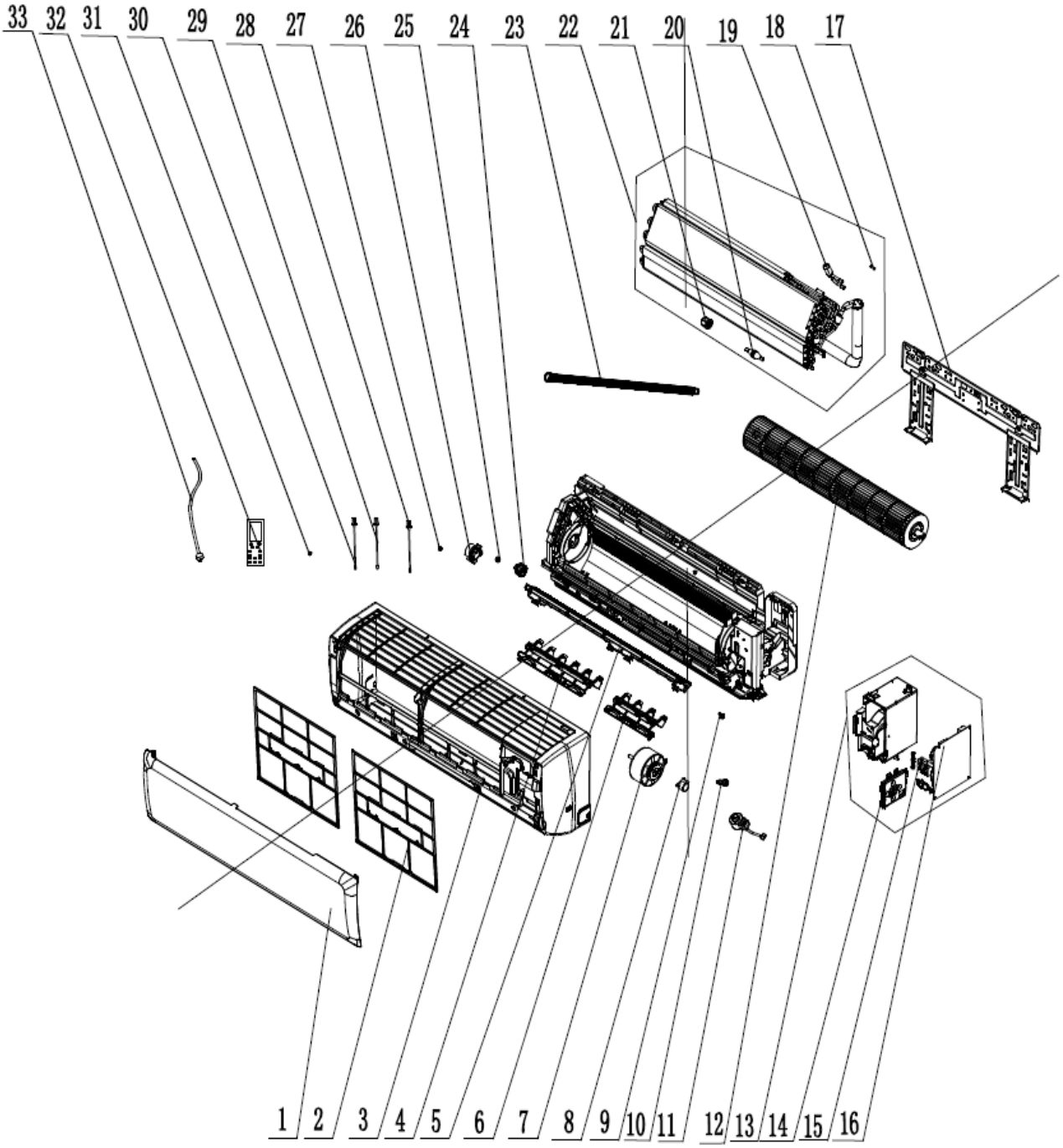
Exploded View of GMV-ND45G/B6B-T、GMV-ND50G/B6B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND45G/B6B-T	CM100N3250
		GMV-ND50G/B6B-T	CM100N3200
		Part code	Quantity
1	Front Panel	20000300040T	1
2	Filter Sub-Assy	1112208906	2
3	Front CaseAssy	00000200042	1
4	Air Louver1	10512732	1
5	Helicoid Tongue	26112512	1
6	Air Louver2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352060	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565281	1
15	Terminal Board	4201026805	1
16	Main Board	300002061506	1
17	Wall Mounting Frame	01362026	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060216	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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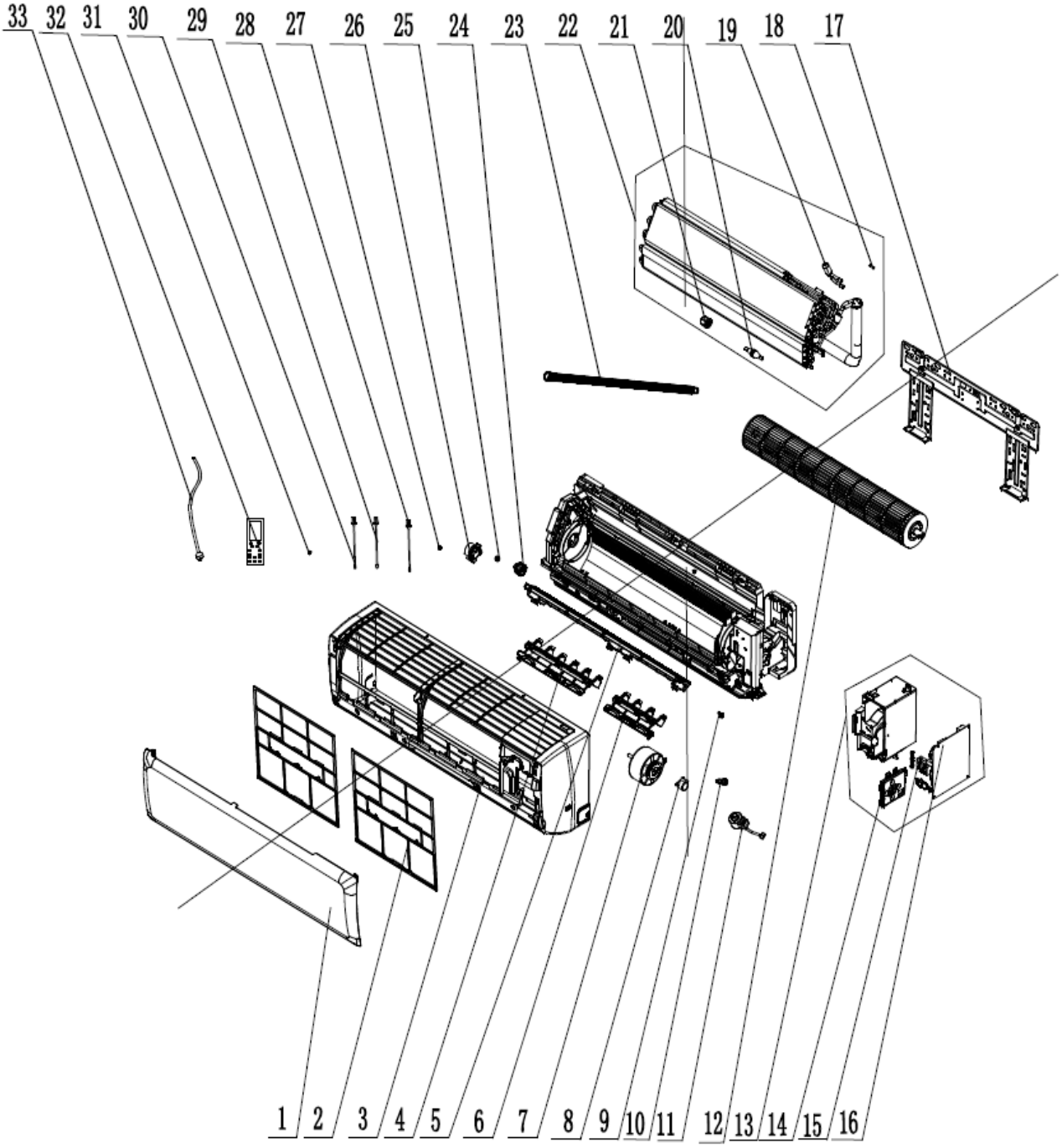
Exploded View of GMV-ND45G/B4B-T、GMV-ND50G/B4B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND45G/B4B-T	CM100N2790
		GMV-ND50G/B4B-T	CM100N2800
		Part code	Quantity
1	Front Panel	20000300028T	1
2	Filter Sub-Assy	1112208906	2
3	Front CaseAssy	00000200042	1
4	Air Louver1	10512732	1
5	Helicoid Tongue	26112512	1
6	Air Louver2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352060	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01362026	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060216	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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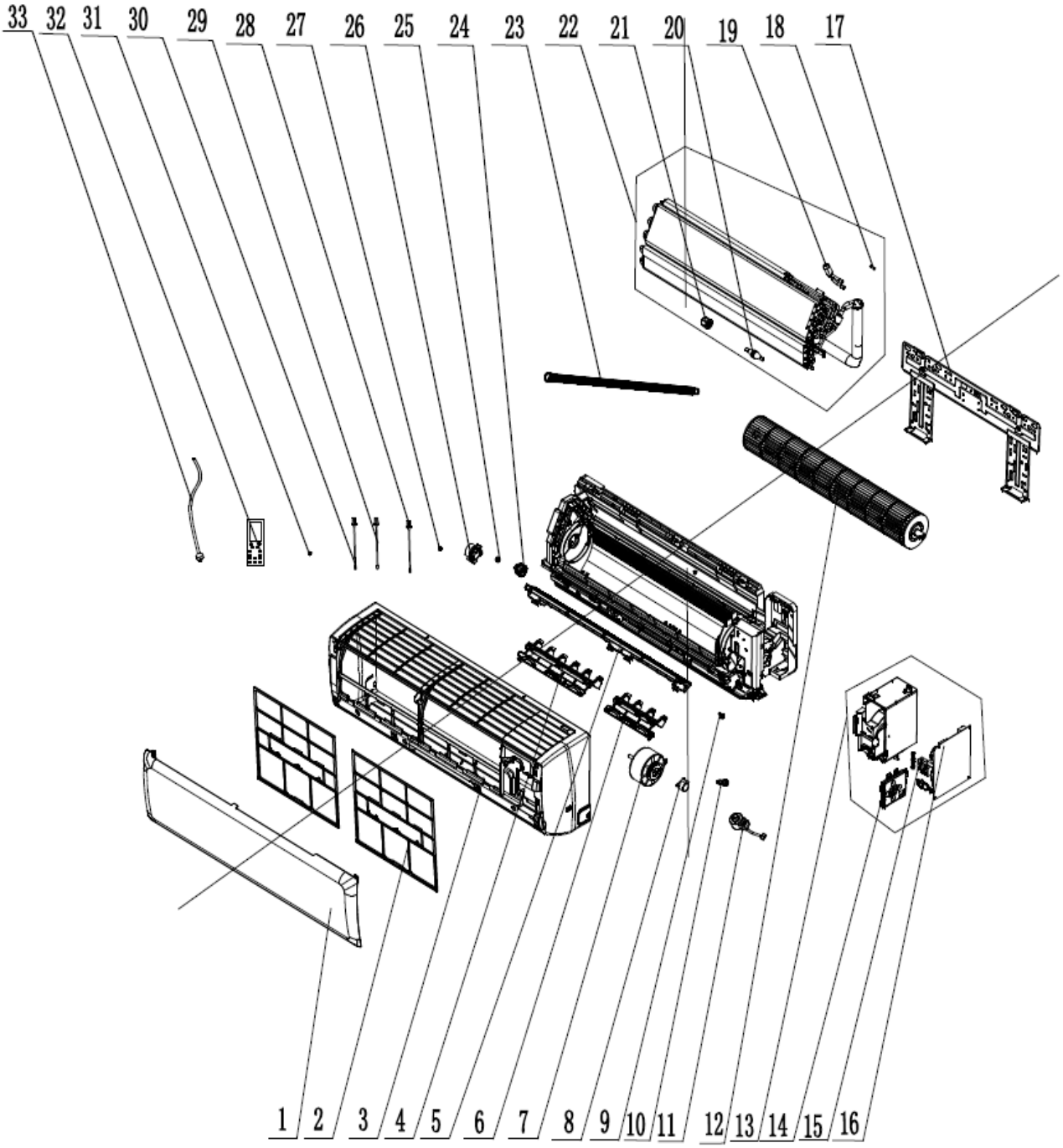
Exploded View of GMV-ND45G/C4B-T、GMV-ND50G/C4B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND45G/C4B-T	CM100N3120
		GMV-ND50G/C4B-T	CM100N3160
		Part code	Quantity
1	Front Panel	20000300106S	1
2	Filter Sub-Assy	1112208906	2
3	Front CaseAssy	00000200042	1
4	Air Louver1	10512732	1
5	Helicoid Tongue	26112512	1
6	Air Louver2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352060	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01362026	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060216	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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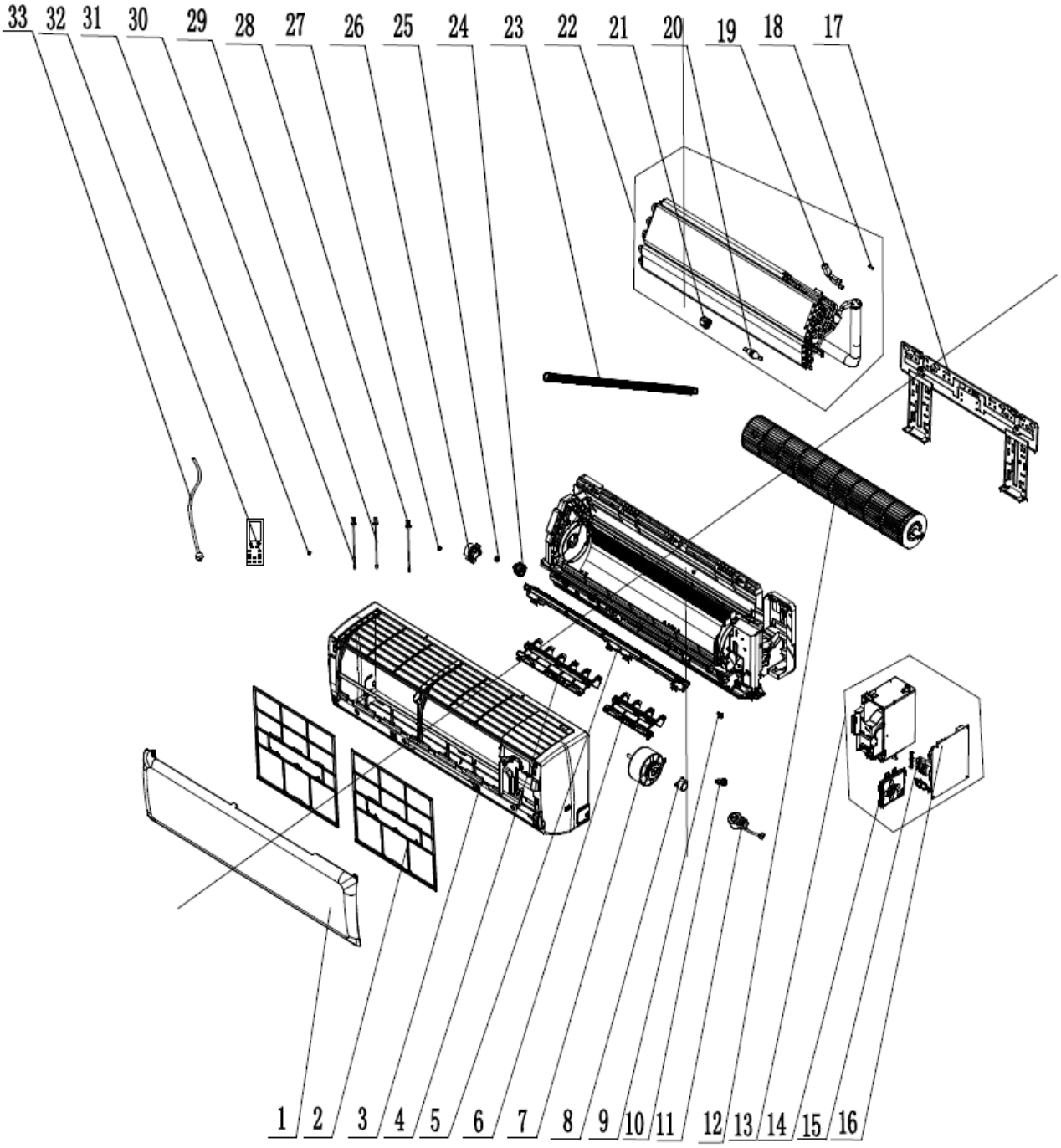
Exploded View of GMV-ND45G/C2B-T、GMV-ND50G/C2B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND45G/C2B-T	CM100N3060
		GMV-ND50G/C2B-T	CM100N3070
		Part code	Quantity
1	Front Panel	20000300070S	1
2	Filter Sub-Assy	1112208906	2
3	Front CaseAssy	00000200042	1
4	Air Louver1	10512732	1
5	Helicoid Tongue	26112512	1
6	Air Louver2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352060	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565281	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01362026	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060216	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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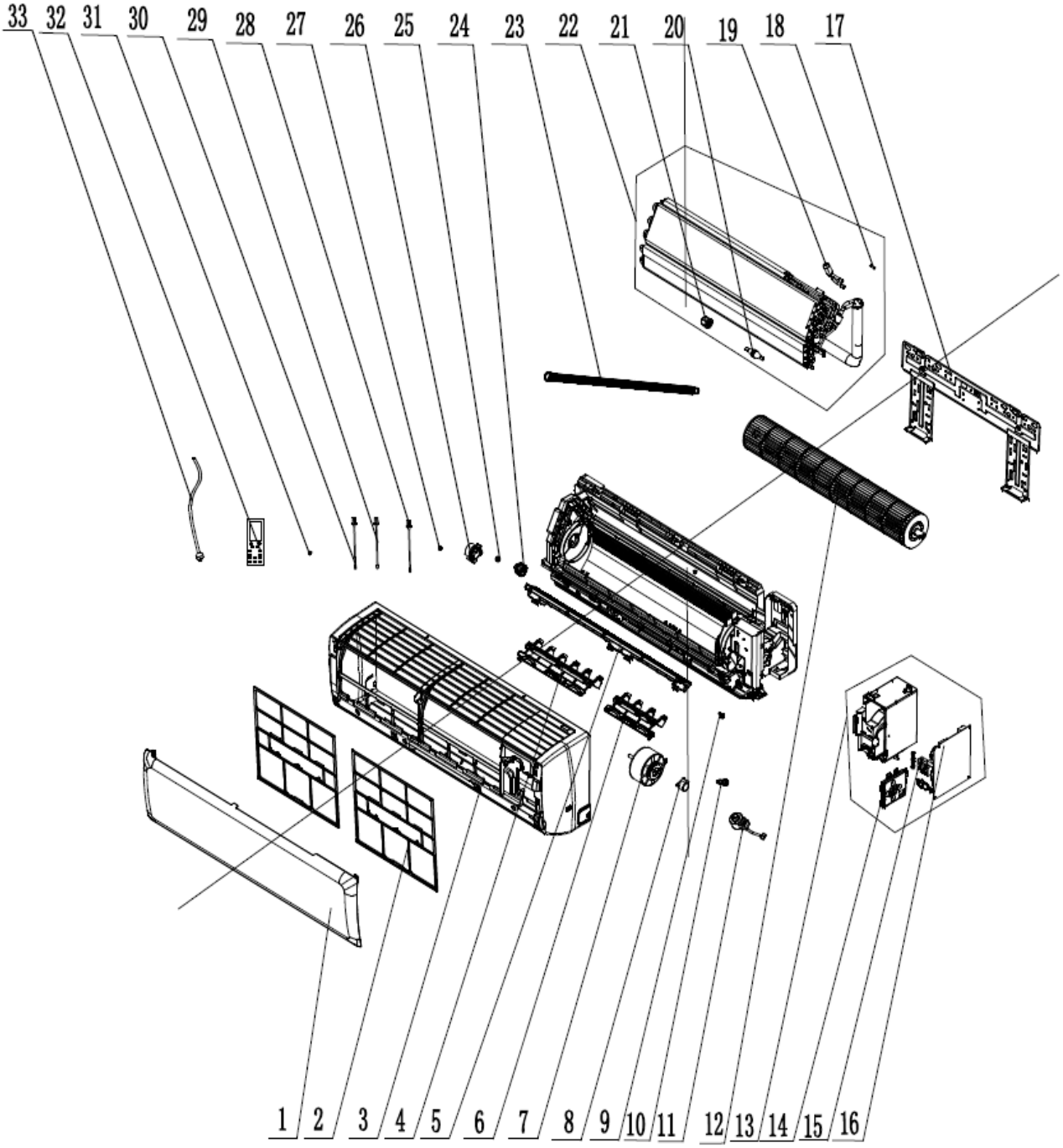
Exploded View of GMV-ND45G/D2B-T、GMV-ND50G/D2B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND45G/D2B-T	CM100N2880
		GMV-ND50G/D2B-T	CM100N2890
		Part code	Quantity
1	Front Panel	00000300003104	1
2	Filter Sub-Assy	1112208906	2
3	Front CaseAssy	0000020004203	1
4	Air Louver1	10512732	3
5	Helicoid Tongue	26112512	1
6	Air Louver2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352060	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01362026	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060216	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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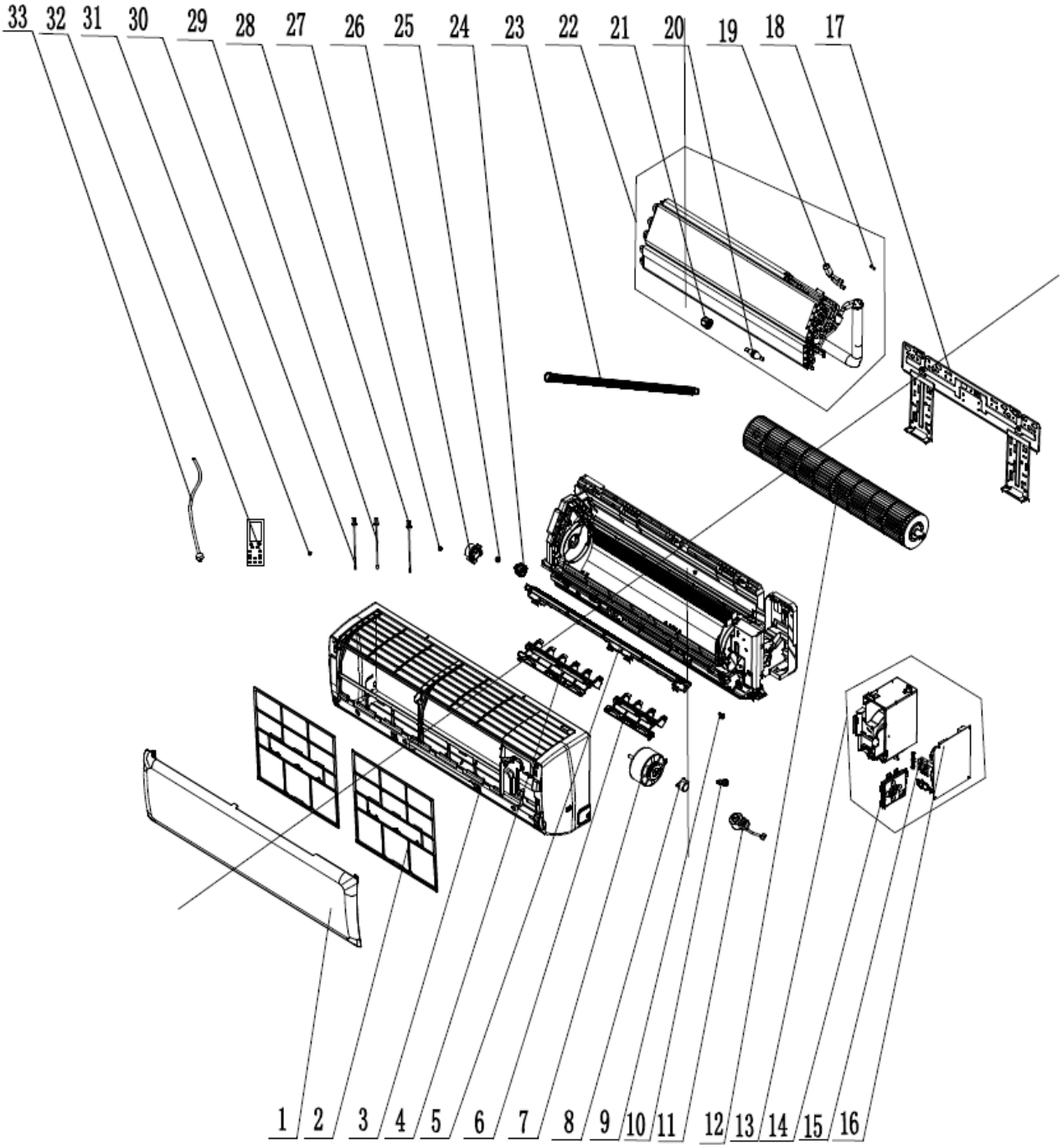
Exploded View of GMV-ND56G/B6B-T、GMV-ND63G/B6B-T、GMV-ND71G/B6B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/B6B-T	CM100N3240
		GMV-ND63G/B6B-T	CM100N3230
		GMV-ND71G/B6B-T	CM100N3220
		Part code	Quantity
1	Front Panel	20000300048T	1
2	Filter Sub-Assy	1101200703	2
3	Front CaseAssy	00000200043	1
4	Air Louver 1	10512737	3
5	Helicoid Tongue	26112513	1
6	Air Louver 2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352057	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565281	1
15	Terminal Board	4201026805	1
16	Main Board	300002061506	1
17	Wall Mounting Frame	01252229	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060225	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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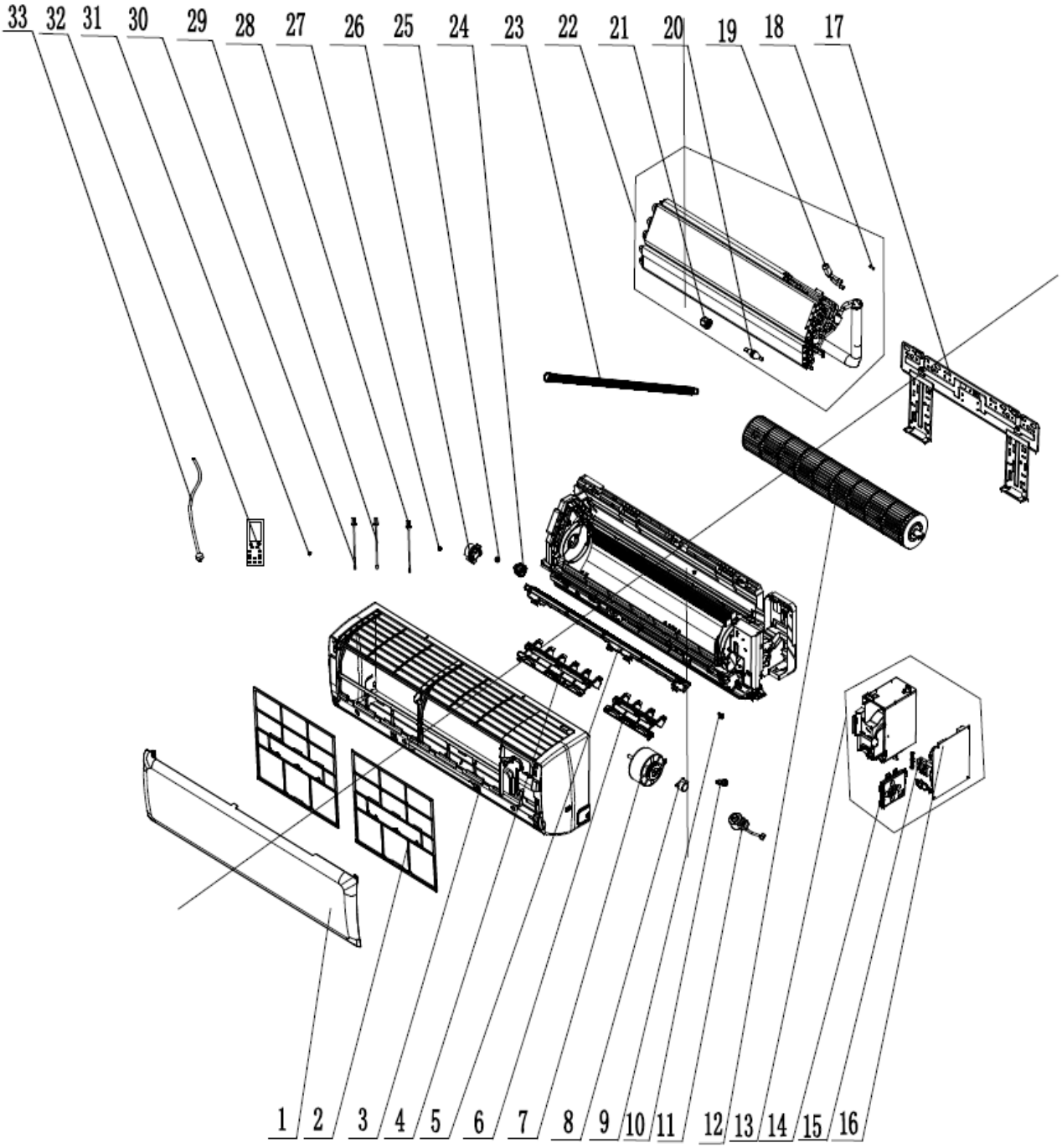
Exploded View of GMV-ND56G/B4B-T、GMV-ND63G/B4B-T、GMV-ND71G/B4B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/B4B-T	CM100N2810
		GMV-ND63G/B4B-T	CM100N2820
		GMV-ND71G/B4B-T	CM100N2830
		Part code	Quantity
1	Front Panel	20000300029T	1
2	Filter Sub-Assy	1101200703	2
3	Front CaseAssy	00000200043	1
4	Air Louver 1	10512737	3
5	Helicoid Tongue	26112513	1
6	Air Louver 2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352057	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01252229	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060225	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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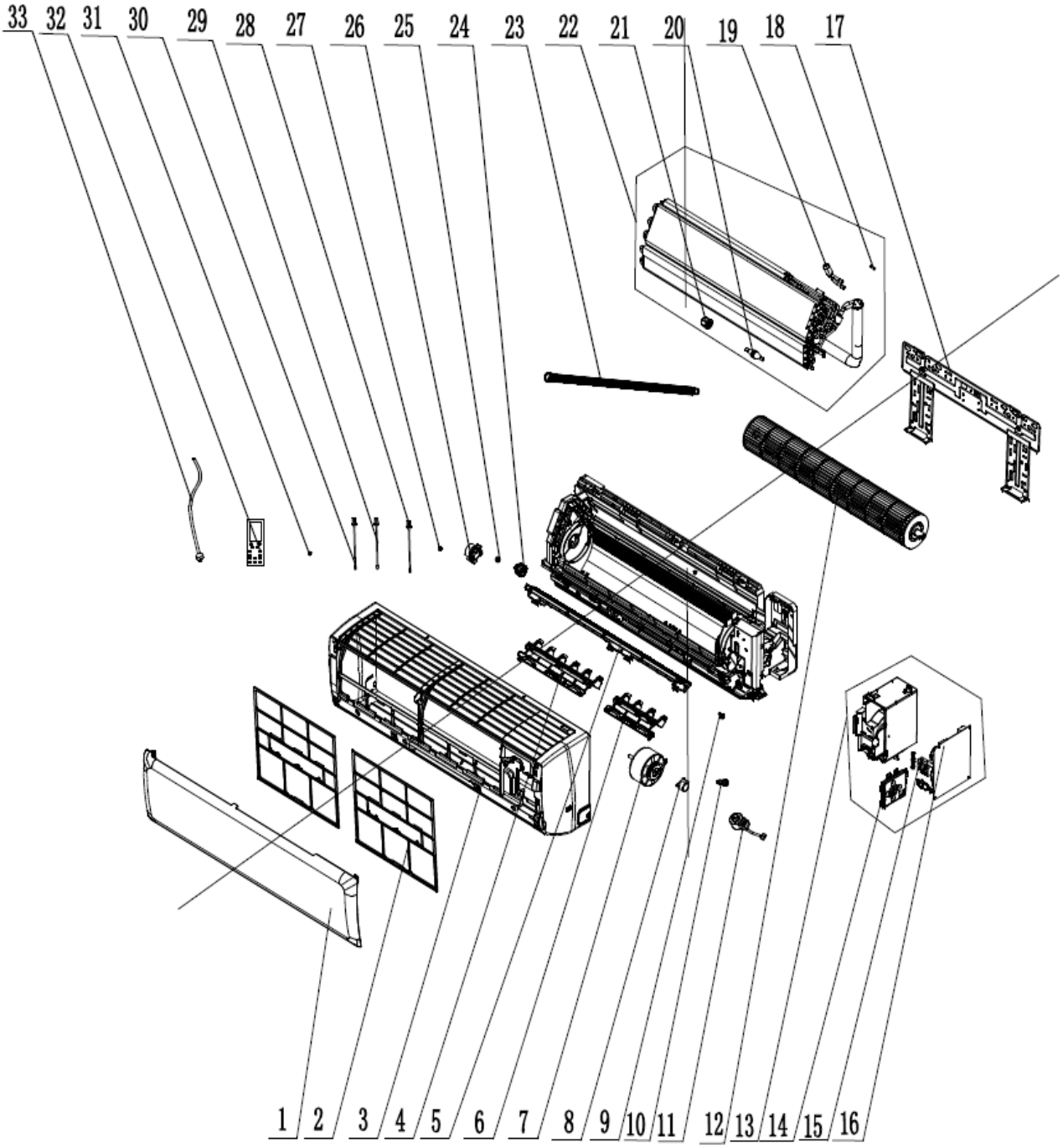
Exploded View of GMV-ND56G/C4B-T、GMV-ND63G/C4B-T、GMV-ND71G/C4B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/C4B-T	CM100N3170
		GMV-ND63G/C4B-T	CM100N3180
		GMV-ND71G/C4B-T	CM100N3190
		Part code	Quantity
1	Front Panel	20000300099S	1
2	Filter Sub-Assy	1101200703	2
3	Front CaseAssy	00000200043	1
4	Air Louver 1	10512737	3
5	Helicoid Tongue	26112513	1
6	Air Louver 2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352057	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01252229	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060225	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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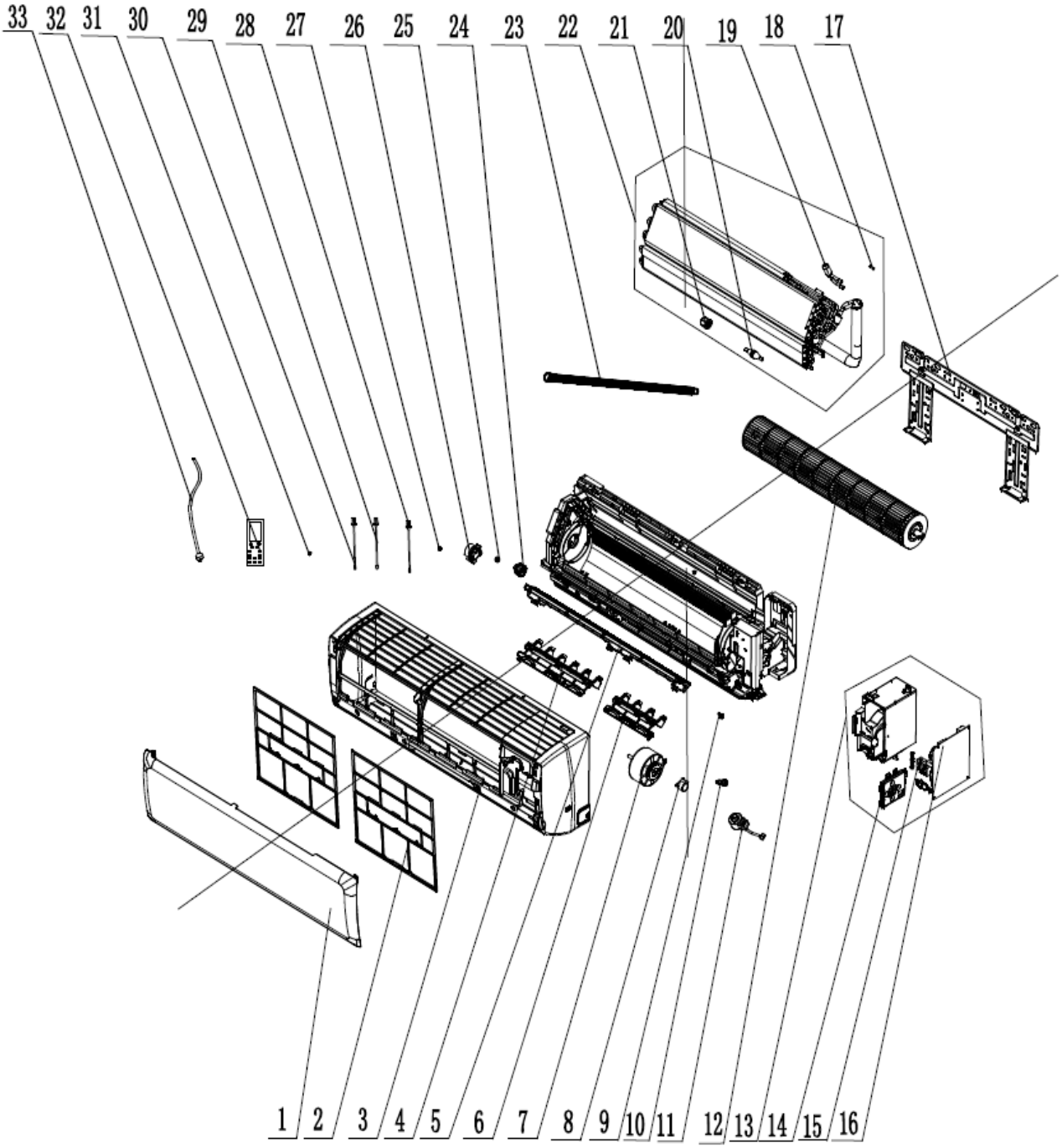
Exploded View of GMV-ND56G/C2B-T、GMV-ND63G/C2B-T、GMV-ND71G/C2B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/C2B-T	CM100N3110
		GMV-ND63G/C2B-T	CM100N3100
		GMV-ND71G/C2B-T	CM100N3090
		Part code	Quantity
1	Front Panel	20000300071S	1
2	Filter Sub-Assy	1101200703	2
3	Front CaseAssy	00000200043	1
4	Air Louver 1	10512737	3
5	Helicoid Tongue	26112513	1
6	Air Louver 2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352057	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565281	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01252229	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060225	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

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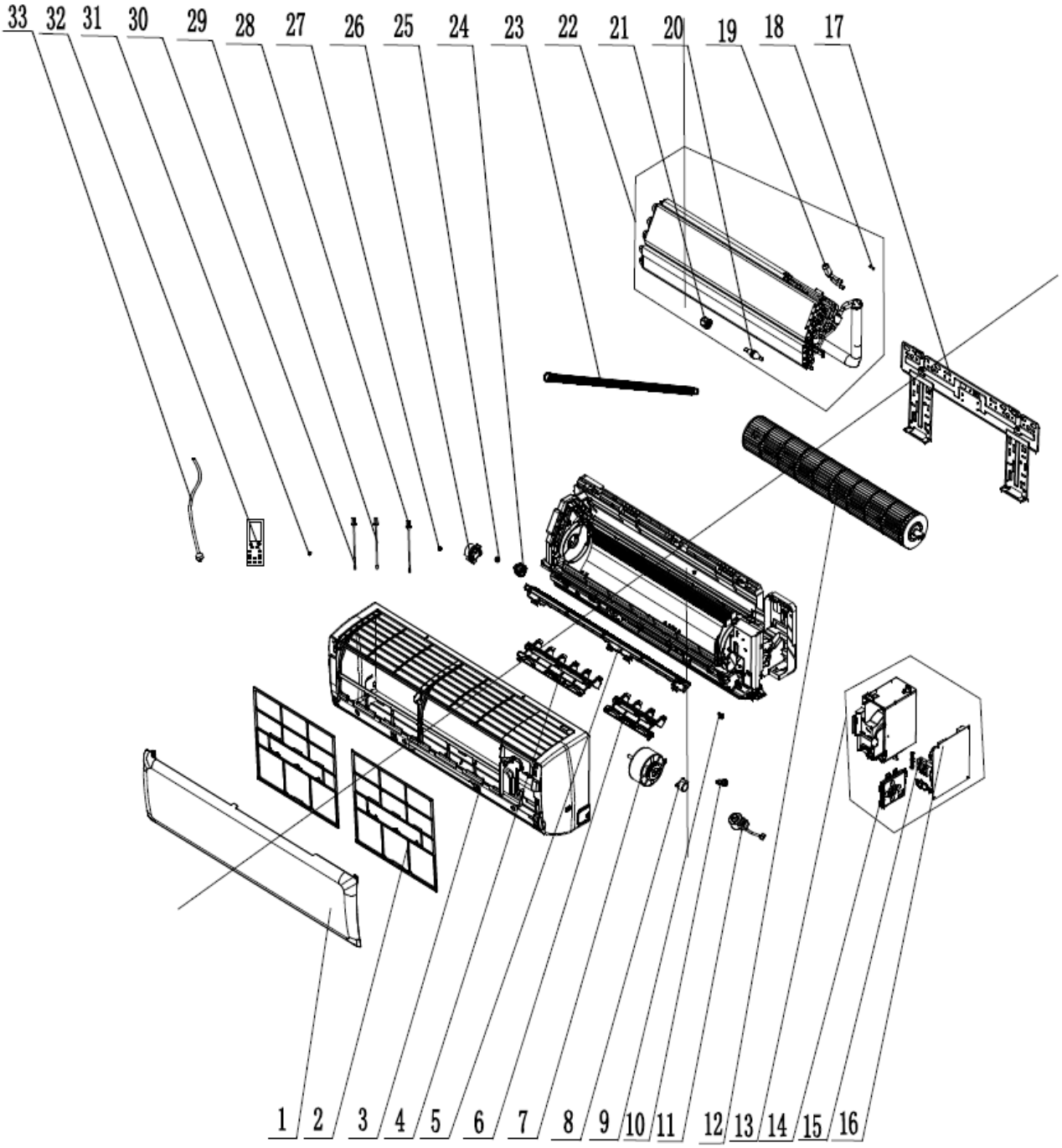
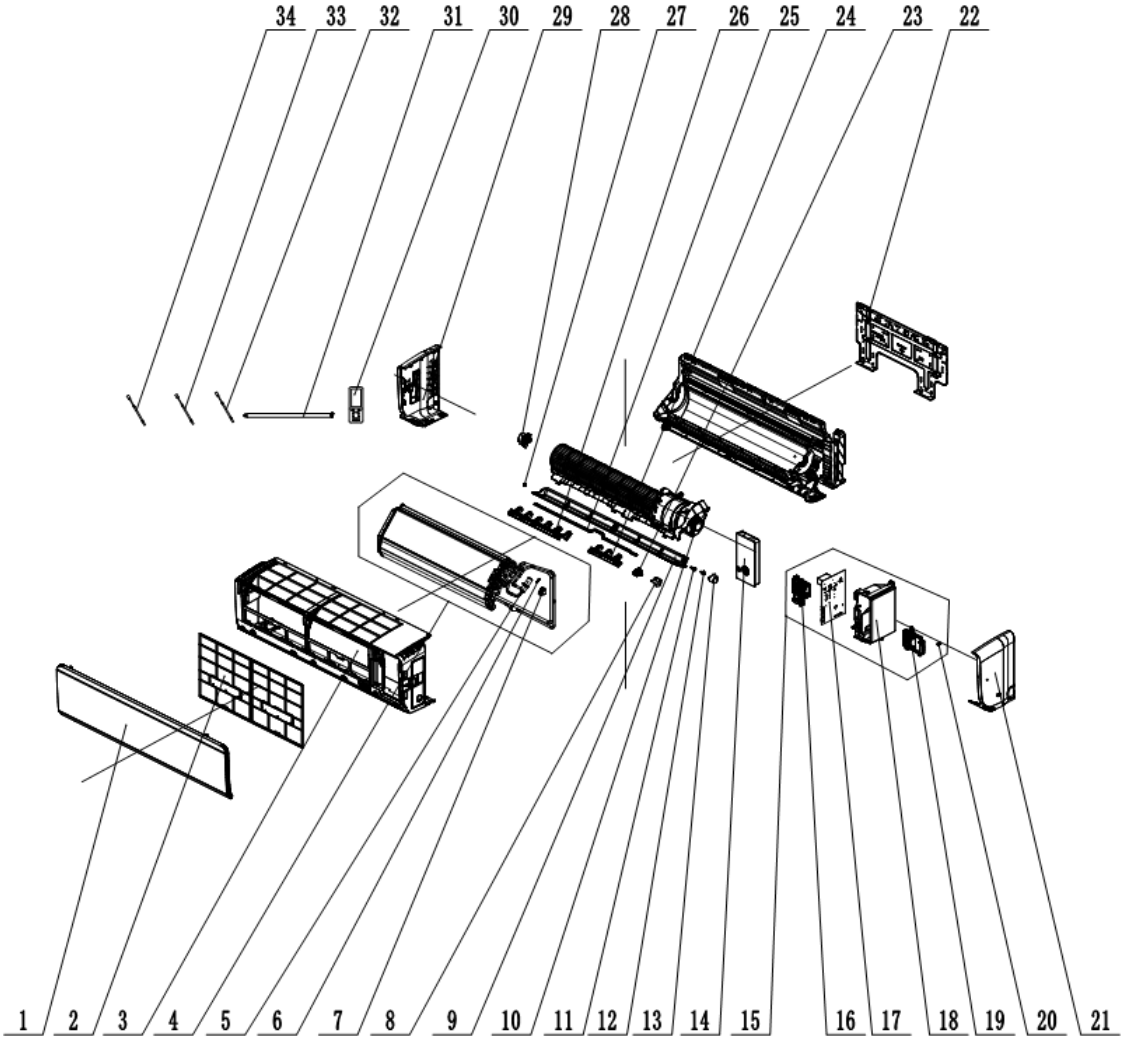
Exploded View of GMV-ND56G/D2B-T、GMV-ND63G/D2B-T、GMV-ND71G/D2B-T:



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/D2B-T	CM100N2900
		GMV-ND63G/D2B-T	CM100N2910
		GMV-ND71G/D2B-T	CM100N2920
		Part code	Quantity
1	Front Panel	0000030023501	1
2	Filter Sub-Assy	1101200703	2
3	Front CaseAssy	0000020017301	1
4	Air Louver 1	10512737	3
5	Helicoid Tongue	26112513	1
6	Air Louver 2	10512724	0
7	Fan Motor	15012136	1
8	Stepping Motor	1521240212	1
9	Crank	73012005	1
10	Rubber Plug(WaterTray)	76712012	1
11	Electric Expand ValveFitting	4304413216	1
12	Cross Flow Fan	10352057	1
13	Electric Box Assy	100002061356	1
14	Display Board	30565260	1
15	Terminal Board	4201026805	1
16	Main Board	300002060244	1
17	Wall Mounting Frame	01252229	1
18	Filter Sub-Assy	030209060001	1
19	Electronic Expansion Valve	07334466	1
20	Strainer A	0721002201	1
21	Sealing Cap(PressureWarning)	2611219202	1
22	Evaporator Assy	011001060225	1
23	Drainage Hose	05230014	1
24	O-Gasket of Cross FanBearing	76512203	1
25	Fan Bearing	7651221001	1
26	Ring of Bearing	26152025	1
27	Left Axile Bush	10512037	1
28	Temperature Sensor	390000454	1
29	Temperature Sensor	39000076G	1
30	Temperature Sensor	390002072	1
31	Axile Bush	10542036	1
32	Remote Controller	30510589	1
33	Power Cord	4002046417	1

Above data is subject to change without notice,pls reference the SP in global service website.

Exploded View of GMV-ND15G/A1C-T、GMV-ND18G/A1C-T、GMV-ND22G/A1C-T、GMV-ND28G/A1C-T、GMV-ND15G/A2C-T、GMV-ND18G/A2C-T、GMV-ND22G/A2C-T、GMV-ND28G/A2C-T、GMV-ND15G/A5C-T、GMV-ND18G/A5C-T、GMV-ND22G/A5C-T、GMV-ND28G/A5C-T：



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/A1C-T	CM100N3750
		GMV-ND18G/A1C-T	CM100N3700
		GMV-ND22G/A1C-T	CM100N3760
		GMV-ND28G/A1C-T	CM100N3780
		Part code	Quantity
1	Front Panel	200003060356T	1
2	Filter Sub-Assy	1112246803	2
3	Front Case	200002060102	1
4	Evaporator Assy	011001063346	1
5	Electronic Expansion Valve	072009060064	1
6	Filter Sub-Assy	11120011	1
7	Electric Expand Valve Fitting	07200206001901	1
8	Stepping Motor	1521210704	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/A1C-T	CM100N3750
		GMV-ND18G/A1C-T	CM100N3700
		GMV-ND22G/A1C-T	CM100N3760
		GMV-ND28G/A1C-T	CM100N3780
		Part code	Quantity
9	Guide Louver	200004060236	1
10	Brushless DC Motor	150104060117	1
11	Axile Bush	10542036	1
12	Crank	10582070	1
13	Stepping Motor	1521210712	1
14	Electric Box Cover	200082060104	1
15	Electric Box Assy	100002083475	1
16	Terminal Board	4201026805	1
17	Main Board	300002064287	1
18	Electric Box	200013060124	1
19	Display Board	300001061358	1
20	Jumper	4202021901	1
21	Right Side Plate	200086060076	1
22	Wall Mounting Frame	012043000008	1
23	Air Louver (Auto)	200007060117	1
24	Air Louver(Right)	200007060110	1
25	Swing Lever	200035060044	1
26	Air Louver (Left)(Auto)	200007060111	1
27	Left Axile Bush	10512037	1
28	Axile Bush Sub-Assy	10542047	1
29	Left Side Plate	200085060070	1
30	Remote Controller	305001060060	1
31	Drainage Hose	05230014	1
32	Temperature Sensor	390000456	1
33	Temperature Sensor	390000592	1
34	Temperature Sensor	3900005910	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/A2C-T	CM100N3450
		GMV-ND18G/A2C-T	CM100N3460
		GMV-ND22G/A2C-T	CM100N3470
		GMV-ND28G/A2C-T	CM100N3350
		Part code	Quantity
1	Front Panel	200003060373T01	1
2	Filter Sub-Assy	1112246803	2
3	Front Case	200002060102	1
4	Evaporator Assy	011001063346	1
5	Electronic Expansion Valve	072009060064	1
6	Filter Sub-Assy	11120011	1
7	Electric Expand Valve Fitting	07200206001901	1
8	Stepping Motor	1521210704	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/A2C-T	CM100N3450
		GMV-ND18G/A2C-T	CM100N3460
		GMV-ND22G/A2C-T	CM100N3470
		GMV-ND28G/A2C-T	CM100N3350
		Part code	Quantity
9	Guide Louver	200004060236	1
10	Brushless DC Motor	150104060117	1
11	Axile Bush	10542036	1
12	Crank	10582070	1
13	Stepping Motor	1521210712	1
14	Electric Box Cover	200082060104	1
15	Electric Box Assy	100002083475	1
16	Terminal Board	4201026805	1
17	Main Board	300002064287	1
18	Electric Box	200013060124	1
19	Display Board	300001061358	1
20	Jumper	4202021901	1
21	Right Side Plate	200086060076	1
22	Wall Mounting Frame	012043000008	1
23	Air Louver (Auto)	200007060117	1
24	Air Louver(Right)	200007060110	1
25	Swing Lever	200035060044	1
26	Air Louver (Left)(Auto)	200007060111	1
27	Left Axile Bush	10512037	1
28	Axile Bush Sub-Assy	10542047	1
29	Left Side Plate	200085060070	1
30	Remote Controller	305001060060	1
31	Drainage Hose	05230014	1
32	Temperature Sensor	390000456	1
33	Temperature Sensor	390000592	1
34	Temperature Sensor	3900005910	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/A5C-T	CM100N3790
		GMV-ND18G/A5C-T	CM100N3640
		GMV-ND22G/A5C-T	CM100N3660
		GMV-ND28G/A5C-T	CM100N3670
		Part code	Quantity
1	Front Panel	200003060398T01	1
2	Filter Sub-Assy	1112246803	2
3	Front Case	200002060102	1
4	Evaporator Assy	011001063346	1
5	Electronic Expansion Valve	072009060064	1
6	Filter Sub-Assy	11120011	1
7	Electric Expand Valve Fitting	07200206001901	1
8	Stepping Motor	1521210704	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/A5C-T	CM100N3790
		GMV-ND18G/A5C-T	CM100N3640
		GMV-ND22G/A5C-T	CM100N3660
		GMV-ND28G/A5C-T	CM100N3670
		Part code	Quantity
9	Guide Louver	200004060236	1
10	Brushless DC Motor	150104060117	1
11	Axile Bush	10542036	1
12	Crank	10582070	1
13	Stepping Motor	1521210712	1
14	Electric Box Cover	200082060104	1
15	Electric Box Assy	100002083475	1
16	Terminal Board	4201026805	1
17	Main Board	300002064287	1
18	Electric Box	200013060124	1
19	Display Board	300001061358	1
20	Jumper	4202021901	1
21	Right Side Plate	200086060076	1
22	Wall Mounting Frame	012043000008	1
23	Air Louver (Auto)	200007060117	1
24	Air Louver(Right)	200007060110	1
25	Swing Lever	200035060044	1
26	Air Louver (Left)(Auto)	200007060111	1
27	Left Axile Bush	10512037	1
28	Axile Bush Sub-Assy	10542047	1
29	Left Side Plate	200085060070	1
30	Remote Controller	305001060060	1
31	Drainage Hose	05230014	1
32	Temperature Sensor	390000456	1
33	Temperature Sensor	390000592	1
34	Temperature Sensor	3900005910	1

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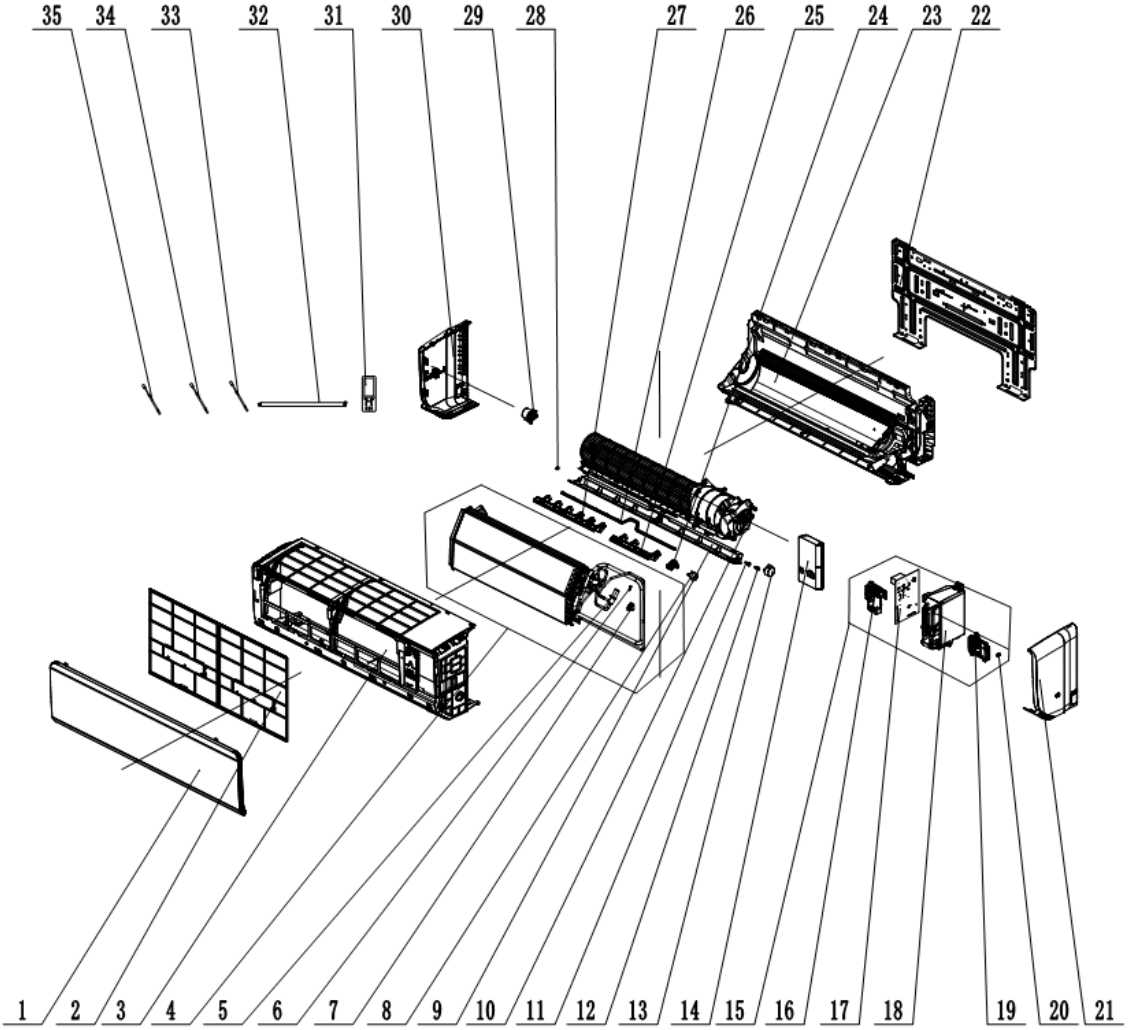
Exploded View of GMV-ND36G/A1C-T、GMV-ND45G/A1C-T、GMV-ND50G/A1C-T、GMV-ND36G/A2C-T、GMV-ND45G/A2C-T、GMV-ND50G/A2C-T、GMV-ND36G/A5C-T、GMV-ND45G/A5C-T、GMV-ND50G/A5C-T：



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/A1C-T	CM100N3740
		GMV-ND45G/A1C-T	CM100N3690
		GMV-ND50G/A1C-T	CM100N3770
		Part code	Quantity
1	Front Panel	200003060354T	1
2	Filter Sub-Assy	111001060404	2
3	Front Case	200002060099	1
4	Evaporator Assy	011001063380	1
5	Electronic Expansion Valve	072009060076	1
6	Filter Sub-Assy	11120011	1
7	Electric Expand Valve Fitting	07200206001901	1
8	Stepping Motor	1521210704	1
9	Guide Louver	200004060235	1
10	Brushless DC Motor	15010406008801	1
11	Axile Bush	10542036	1
12	Crank	10582070	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/A1C-T	CM100N3740
		GMV-ND45G/A1C-T	CM100N3690
		GMV-ND50G/A1C-T	CM100N3770
		Part code	Quantity
13	Stepping Motor	1521240212	1
14	Electric Box Cover	200082060105	1
15	Electric Box Assy	100002083438	1
16	Terminal Board	4201026805	1
17	Main Board	300002064287	1
18	Electric Box	200013060122	1
19	Display Board	300001061358	1
20	Jumper	4202021901	1
21	Right Side Plate	200086060074	1
22	Wall Mounting Frame	012043060024	1
23	Rear Case	20000106009101	1
24	Air Louver (Auto)	200007060116	1
25	Air Louver(Right)	200007060115	1
26	Swing Lever	200035060043	1
27	Air Louver (Left)	200007060114	1
28	Left Axile Bush	10512037	1
29	Axile Bush Sub-Assy	1054204701	1
30	Left Side Plate	200085060068	1
31	Remote Controller	305001060060	1
32	Drainage Hose	05230014	1
33	Temperature Sensor	390000456	1
34	Temperature Sensor	390000592	1
35	Temperature Sensor	3900005910	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/A2C-T	CM100N3340
		GMV-ND45G/A2C-T	CM100N3360
		GMV-ND50G/A2C-T	CM100N3330
		Part code	Quantity
1	Front Panel	200003060375T01	1
2	Filter Sub-Assy	111001060404	2
3	Front Case	200002060099	1
4	Evaporator Assy	011001063380	1
5	Electronic Expansion Valve	072009060076	1
6	Filter Sub-Assy	11120011	1
7	Electric Expand Valve Fitting	07200206001901	1
8	Stepping Motor	1521210704	1
9	Guide Louver	200004060235	1
10	Brushless DC Motor	15010406008801	1
11	Axile Bush	10542036	1
12	Crank	10582070	1
13	Stepping Motor	1521240212	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/A2C-T	CM100N3340
		GMV-ND45G/A2C-T	CM100N3360
		GMV-ND50G/A2C-T	CM100N3330
		Part code	Quantity
14	Electric Box Cover	200082060105	1
15	Electric Box Assy	100002083438	1
16	Terminal Board	4201026805	1
17	Main Board	300002064287	1
18	Electric Box	200013060122	1
19	Display Board	300001061358	1
20	Jumper	4202021901	1
21	Right Side Plate	200086060074	1
22	Wall Mounting Frame	012043060024	1
23	Rear Case	20000106009101	1
24	Air Louver (Auto)	200007060116	1
25	Air Louver(Right)	200007060115	1
26	Swing Lever	200035060043	1
27	Air Louver (Left)	200007060114	1
28	Left Axile Bush	10512037	1
29	Axile Bush Sub-Assy	1054204701	1
30	Left Side Plate	200085060068	1
31	Remote Controller	305001060060	1
32	Drainage Hose	05230014	1
33	Temperature Sensor	390000456	1
34	Temperature Sensor	390000592	1
35	Temperature Sensor	3900005910	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/A5C-T	CM100N3680
		GMV-ND45G/A5C-T	CM100N3630
		GMV-ND50G/A5C-T	CM100N3650
		Part code	Quantity
1	Front Panel	200003060394T01	1
2	Filter Sub-Assy	111001060404	2
3	Front Case	200002060099	1
4	Evaporator Assy	011001063380	1
5	Electronic Expansion Valve	072009060076	1
6	Filter Sub-Assy	11120011	1
7	Electric Expand Valve Fitting	07200206001901	1
8	Stepping Motor	1521210704	1
9	Guide Louver	200004060235	1
10	Brushless DC Motor	15010406008801	1
11	Axile Bush	10542036	1
12	Crank	10582070	1
13	Stepping Motor	1521240212	1
14	Electric Box Cover	200082060105	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/A5C-T	CM100N3680
		GMV-ND45G/A5C-T	CM100N3630
		GMV-ND50G/A5C-T	CM100N3650
		Part code	Quantity
15	Electric Box Assy	100002083438	1
16	Terminal Board	4201026805	1
17	Main Board	300002064287	1
18	Electric Box	200013060122	1
19	Display Board	300001061358	1
20	Jumper	4202021901	1
21	Right Side Plate	200086060074	1
22	Wall Mounting Frame	012043060024	1
23	Rear Case	20000106009101	1
24	Air Louver (Auto)	200007060116	1
25	Air Louver(Right)	200007060115	1
26	Swing Lever	200035060043	1
27	Air Louver (Left)	200007060114	1
28	Left Axile Bush	10512037	1
29	Axile Bush Sub-Assy	1054204701	1
30	Left Side Plate	200085060068	1
31	Remote Controller	305001060060	1
32	Drainage Hose	05230014	1
33	Temperature Sensor	390000456	1
34	Temperature Sensor	390000592	1
35	Temperature Sensor	3900005910	1

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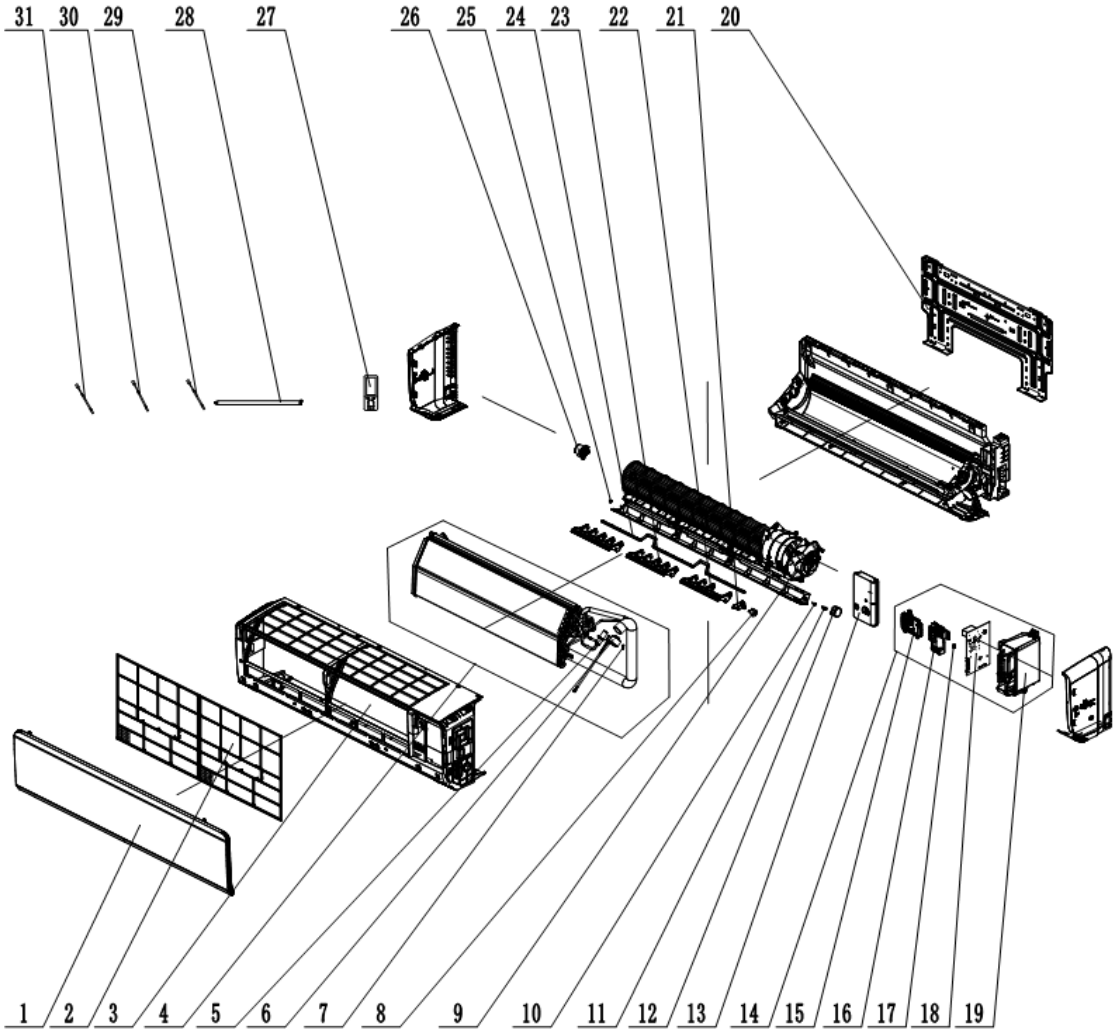
Exploded View of GMV-ND56G/A1C-T、GMV-ND63G/A1C-T、GMV-ND71G/A1C-T、GMV-ND56G/A2C-T、GMV-ND63G/A2C-T、GMV-ND71G/A2C-T、 GMV-ND56G/A5C-T、GMV-ND63G/A5C-T、GMV-ND71G/A5C-T：



No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/A1C-T	CM100N3730
		GMV-ND63G/A1C-T	CM100N3720
		GMV-ND71G/A1C-T	CM100N3710
		Part code	Quantity
1	Front Panel	200003060359T	1
2	Filter Sub-Assy	1101200703	2
3	Front Case	20000206010301	1
4	Evaporator Assy	011001063339	1
5	Electronic Expansion Valve	072009060076	1
6	Electric Expand Valve Fitting	07200206001901	1
7	Filter Sub-Assy	11120011	1
8	Stepping Motor	1521210704	1
9	Brushless DC Motor	150104060116	1
10	Axile Bush	10542036	2
11	Crank	10582070	1
12	Stepping Motor	1521240210	1
13	Electric Box Cover	200082060105	1
14	Electric Box Assy	100002083444	1
15	Display Board	300001061358	1
16	Terminal Board	4201026805	1
17	Jumper	4202021901	1
18	Main Board	300002064287	1
19	Electric Box	200013060122	1
20	Wall Mounting Frame	012043060024	1
21	Air Louver	200007060103	1
22	Air Louver 1	200007060104	1
23	Air Louver 1	200007060101	2
24	Swing Lever	200035060042	1
25	Left Axile Bush	10512037	1
26	Axile Bush Sub-assy	1054204701	1
27	Remote Controller	305001060060	1
28	Drainage Hose	0523001405	1
29	Temperature Sensor	390000456	1
30	Temperature Sensor	390000592	1
31	Temperature Sensor	3900005910	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/A2C-T	CM100N3480
		GMV-ND63G/A2C-T	CM100N3440
		GMV-ND71G/A2C-T	CM100N3320
		Part code	Quantity
1	Front Panel	200003060374T01	1
2	Filter Sub-Assy	1101200703	2
3	Front Case	20000206010301	1
4	Evaporator Assy	011001063339	1
5	Electronic Expansion Valve	072009060076	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/A2C-T	CM100N3480
		GMV-ND63G/A2C-T	CM100N3440
		GMV-ND71G/A2C-T	CM100N3320
		Part code	Quantity
6	Electric Expand Valve Fitting	07200206001901	1
7	Filter Sub-Assy	11120011	1
8	Stepping Motor	1521210704	1
9	Brushless DC Motor	150104060116	1
10	Axile Bush	10542036	2
11	Crank	10582070	1
12	Stepping Motor	1521240210	1
13	Electric Box Cover	200082060105	1
14	Electric Box Assy	100002083444	1
15	Display Board	300001061358	1
16	Terminal Board	4201026805	1
17	Jumper	4202021901	1
18	Main Board	300002064287	1
19	Electric Box	200013060122	1
20	Wall Mounting Frame	012043060024	1
21	Air Louver	200007060103	1
22	Air Louver 1	200007060104	1
23	Air Louver 1	200007060101	2
24	Swing Lever	200035060042	1
25	Left Axile Bush	10512037	1
26	Axile Bush Sub-assy	1054204701	1
27	Remote Controller	305001060060	1
28	Drainage Hose	0523001405	1
29	Temperature Sensor	390000456	1
30	Temperature Sensor	390000592	1
31	Temperature Sensor	3900005910	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/A5C-T	CM100N3620
		GMV-ND63G/A5C-T	CM100N3610
		GMV-ND71G/A5C-T	CM100N3600
		Part code	Quantity
1	Front Panel	200003060399T01	1
2	Filter Sub-Assy	1101200703	2
3	Front Case	20000206010301	1
4	Evaporator Assy	011001063339	1
5	Electronic Expansion Valve	072009060076	1
6	Electric Expand Valve Fitting	07200206001901	1
7	Filter Sub-Assy	11120011	1
8	Stepping Motor	1521210704	1
9	Brushless DC Motor	150104060116	1
10	Axile Bush	10542036	2

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/A5C-T	CM100N3620
		GMV-ND63G/A5C-T	CM100N3610
		GMV-ND71G/A5C-T	CM100N3600
		Part code	Quantity
11	Crank	10582070	1
12	Stepping Motor	1521240210	1
13	Electric Box Cover	200082060105	1
14	Electric Box Assy	100002083444	1
15	Display Board	300001061358	1
16	Terminal Board	4201026805	1
17	Jumper	4202021901	1
18	Main Board	300002064287	1
19	Electric Box	200013060122	1
20	Wall Mounting Frame	012043060024	1
21	Air Louver	200007060103	1
22	Air Louver 1	200007060104	1
23	Air Louver 1	200007060101	2
24	Swing Lever	200035060042	1
25	Left Axile Bush	10512037	1
26	Axile Bush Sub-assy	1054204701	1
27	Remote Controller	305001060060	1
28	Drainage Hose	0523001405	1
29	Temperature Sensor	390000456	1
30	Temperature Sensor	390000592	1
31	Temperature Sensor	3900005910	1

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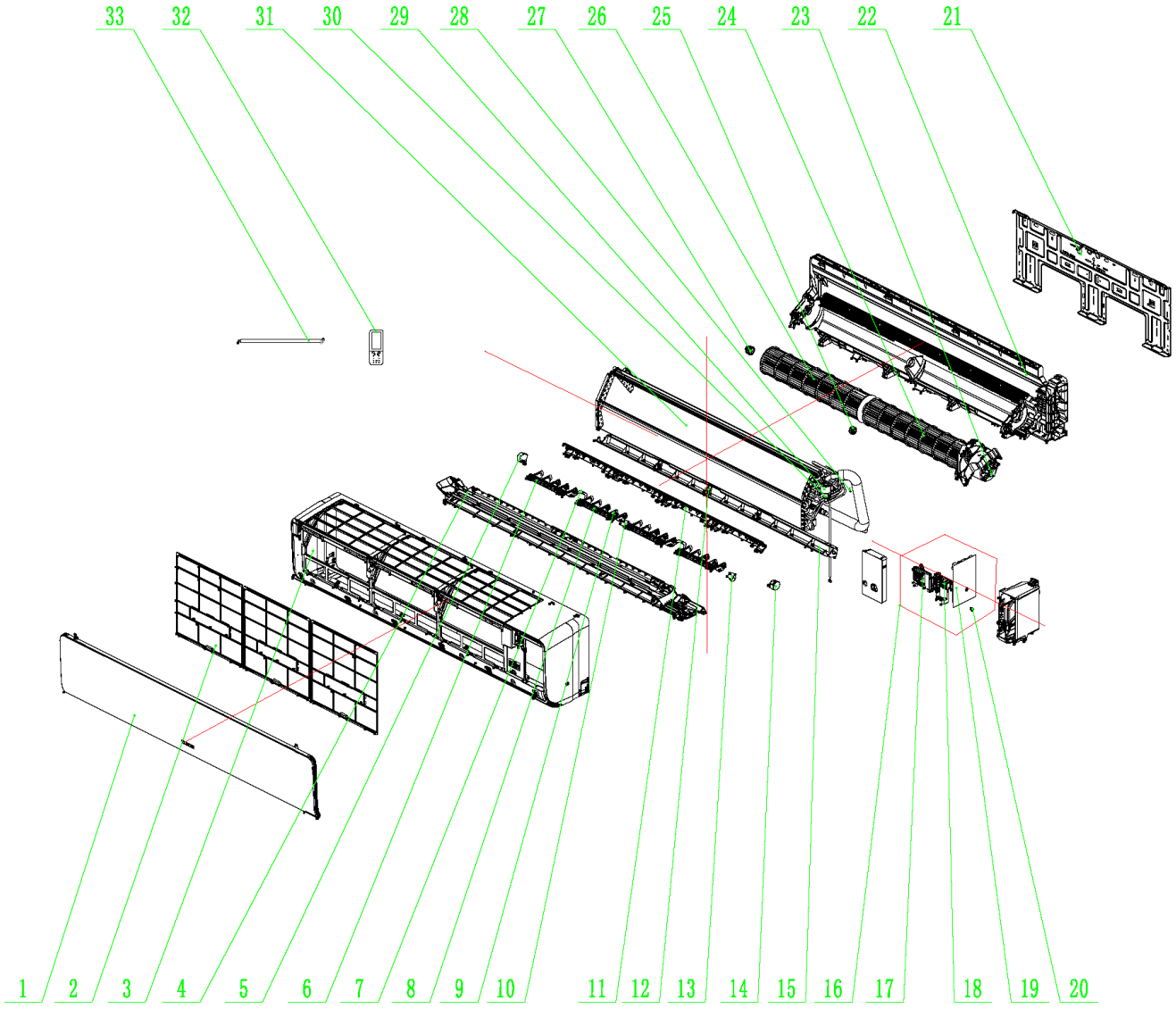
Exploded View of GMV-ND80G/A1C-T,GMV-ND90G/A1C-T,GMV-ND100G/A1C-T



No.	Name of part
1	Front Panel
2	Filter Sub-Assy
3	Front Case Assy
4	Water Tray Sub-Assy
5	Stepping Motor
6	Air Louver
7	Swing Lever
8	Air Louver
9	Air Louver
10	Stepping Motor
11	Helicoid Tongue
12	Axile Bush
13	Stepping Motor
14	Stepping Motor

No.	Name of part
15	Guide Louver
16	Electric Box Assy
17	Display Board
18	Terminal Board
19	Main Board
20	Jumper
21	Wall Mounting Frame
22	Rear Case Sub-Assy
23	Brushless DC Motor
24	Cross Flow Fan
25	Bearing Holder Sub-Assy
26	Cross Flow Fan
27	O-Gasket Sub-Assy Of Bearing
28	Filter Sub-Assy
29	Electric Expand Valve Fitting
30	Electronic Expansion Valve
31	Evaporator Assy
32	Remote Controller
33	Drainage Hose

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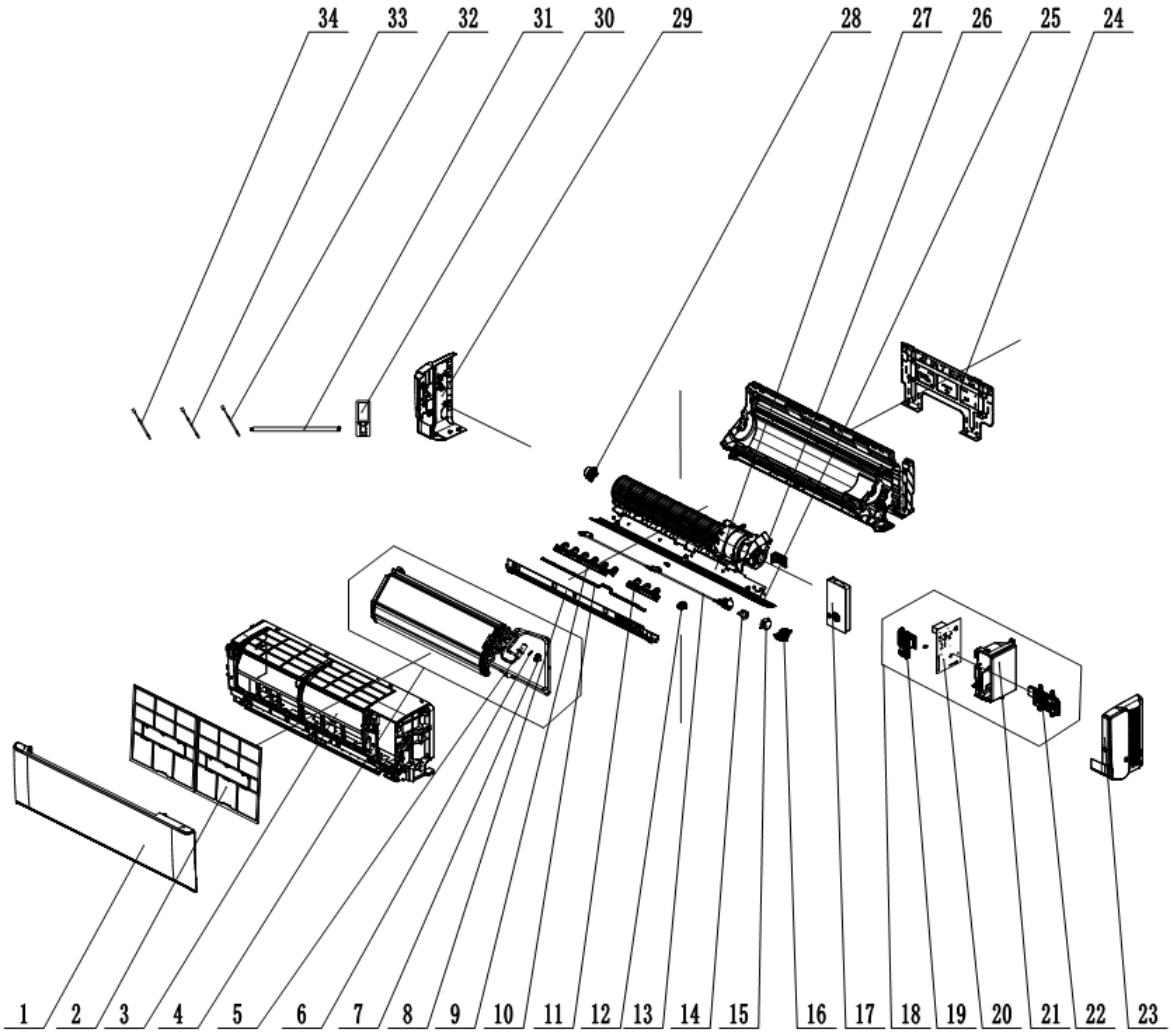
Exploded View of GMV-ND15G/C1-T、GMV-ND18G/C1-T、GMV-ND22G/C1-T、GMV-ND28G/C1-T：

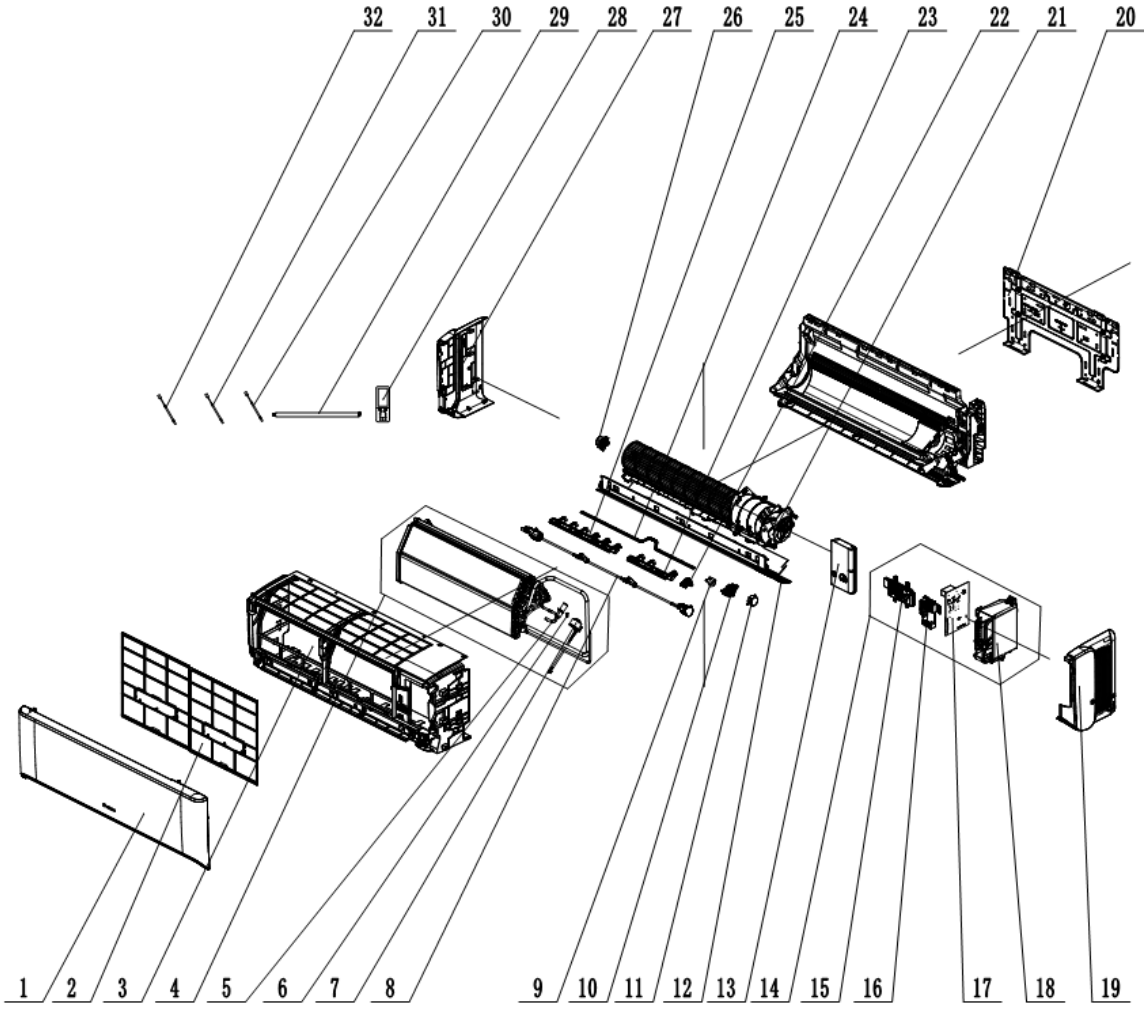


No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/C1-T	CM100N3830
		GMV-ND18G/C1-T	CM100N3840
		GMV-ND22G/C1-T	CM100N3810
		GMV-ND28G/C1-T	CM100N3400
		Part code	Quantity
1	Front Panel Sub-Assy	209004060423	1
2	Filter Sub-Assy	1112246803	2
3	Front Case Sub-Assy	209007060124	1
4	Evaporator Assy	011001063346	1
5	Electronic Expansion Valve	072009060064	1
6	Filter Sub-Assy	11120011	1
7	Electric Expand Valve Fitting	4304413217	1
8	Top Cover	200191060055	1
9	Air Louver (Left)(Auto)	200007060111	1
10	Swing Lever	200035060044	1
11	Air Louver(Right)	200007060110	1
12	Air Louver (Auto)	200007060117	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND15G/C1-T	CM100N3830
		GMV-ND18G/C1-T	CM100N3840
		GMV-ND22G/C1-T	CM100N3810
		GMV-ND28G/C1-T	CM100N3400
		Part code	Quantity
13	Connecting Rod Sub-Assy	000110060022	1
14	Stepping Motor	1521210704	1
15	Stepping Motor	1501213905	1
16	Gear Assy	000242060003	1
17	Electric Box Cover	200082060091	1
18	Electric Box Assy	100002084060	1
19	Terminal Board	4201026805	1
20	Main Board	300002064472	1
21	Electric Box	200013060124	1
22	Display Board	300001061434	1
23	Right Side Plate Sub-Assy	'209043060009	1
24	Wall Mounting Frame	012043000008	1
25	Guide Louver	200004060229	1
26	Brushless DC Motor	'150104060117	1
27	Bottom Cover Plate	200050060044	1
28	Axile Bush Sub-Assy	10542047	1
29	Left Side Plate Sub-Assy	017037060358	1
30	Remote Controller	305001060060	1
31	Drainage Hose	05230014	1
32	Temperature Sensor	390000456	1
33	Temperature Sensor	390000592	1
34	Temperature Sensor	3900005910	1

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND36G/C1-T、GMV-ND45G/C1-T、GMV-ND50G/C1-T：

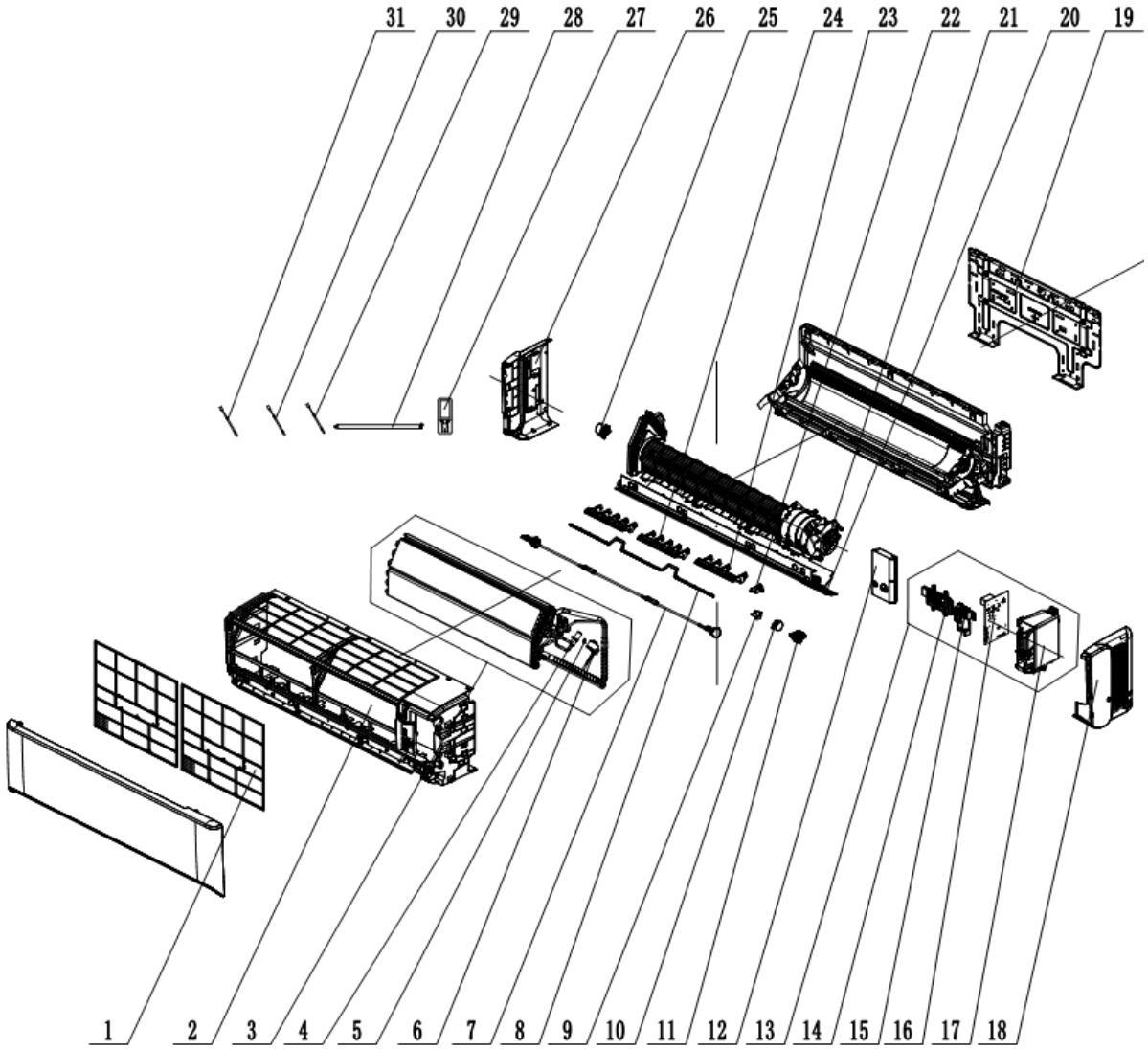


No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/C1-T	CM100N3850
		GMV-ND45G/C1-T	CM100N3390
		GMV-ND50G/C1-T	CM100N3380
		Part code	Quantity
1	Front Panel Assy	000003060822	1
2	Filter Sub-Assy	111001060404	2
3	Front Case Assy	000002060360	1
4	Evaporator Assy	011001063338	1
5	Electronic Expansion Valve	072009060076	1
6	Filter Sub-Assy	11120011	1
7	Electric Expand Valve Fitting	4304413217	1
8	Connecting Rod Sub-Assy	000110060021	1
9	Stepping Motor	1521210704	1
10	Gear Assy	000242060003	1
11	Stepping Motor	1501213905	2
12	Guide Louver	200004060230	1
13	Electric Box Cover	200082060089	1
14	Electric Box Assy	100002084058	1
15	Display Board	300001061434	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND36G/C1-T	CM100N3850
		GMV-ND45G/C1-T	CM100N3390
		GMV-ND50G/C1-T	CM100N3380
		Part code	Quantity
16	Terminal Board	4201026805	1
17	Main Board	300002064472	1
18	Electric Box	200013060122	1
19	Right Side Plate Sub-Assy	209043060010	1
20	Wall Mounting Frame	012043060024	1
21	Brushless DC Motor	15010406008801	1
22	Air Louver (Auto)	200007060116	1
23	Air Louver(Right)	200007060115	1
24	Swing Lever	200035060043	1
25	Air Louver (Left)	200007060114	1
26	Axile Bush Sub-Assy	1054204701	1
27	Left Side Plate Sub-Assy	017037060360	1
28	Remote Controller	305001060060	1
29	Drainage Hose	05230014	1
30	Temperature Sensor	390000456	1
31	Temperature Sensor	390000592	1
32	Temperature Sensor	3900005910	1

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND56G/C1-T、GMV-ND63G/C1-T、GMV-ND71G/C1-T：



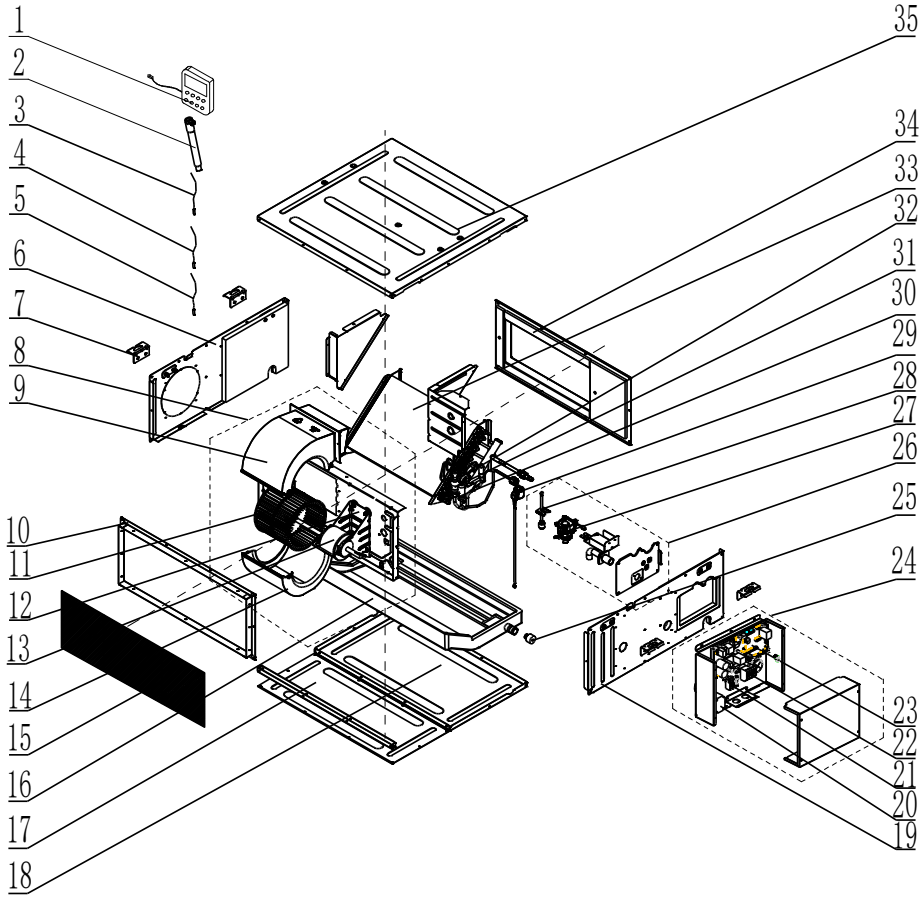
No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/C1-T	CM100N3800
		GMV-ND63G/C1-T	CM100N3820
		GMV-ND71G/C1-T	CM100N3370
		Part code	Quantity
1	Filter Sub-Assy	1101200703	2
2	Front Case Sub-Assy	209007060122	1
3	Evaporator Assy	011001063339	1
4	Electronic Expansion Valve	072009060076	1
5	Filter Sub-Assy	11120011	1
6	Electric Expand Valve Fitting	4304413217	1
7	Connecting Rod Sub-Assy	000110060023	1
8	Swing Lever	200035060042	1
9	Stepping Motor	1521210704	1
10	Stepping Motor	1501213905	2
11	Gear Assy	000242060003	1
12	Electric Box Cover	200082060089	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND56G/C1-T	CM100N3800
		GMV-ND63G/C1-T	CM100N3820
		GMV-ND71G/C1-T	CM100N3370
		Part code	Quantity
13	Electric Box Assy	100002084059	1
14	Display Board	300001061434	1
15	Terminal Board	4201026805	1
16	Main Board	300002064472	1
17	Electric Box	200013060122	1
18	Right Side Plate Sub-Assy	209043060010	1
19	Wall Mounting Frame	012043060024	1
20	Guide Louver	200004060228	1
21	Brushless DC Motor	150104060116	1
22	Air Louver	200007060103	1
23	Air Louver 1	200007060104	1
24	Air Louver 1	200007060101	2
25	Axile Bush Sub-Assy	1054204701	1
26	Left Side Plate Sub-Assy	017037060360	1
27	Remote Controller	305001060060	1
28	Drainage Hose	0523001405	1
29	Temperature Sensor	390000456	1
30	Temperature Sensor	'390000592	1
31	Temperature Sensor	3900005910	1

Above data is subject to change without notice, pls reference the SP in global service website.

5.14 Super High Static Pressure Duct Type Indoor Unit

Exploded View of GMV-ND22PHS/B-T,GMV-ND25PHS/B-T,GMV-ND28PHS/B-T,GMV-ND32PHS/B-T, GMV-ND36PHS/B-T:

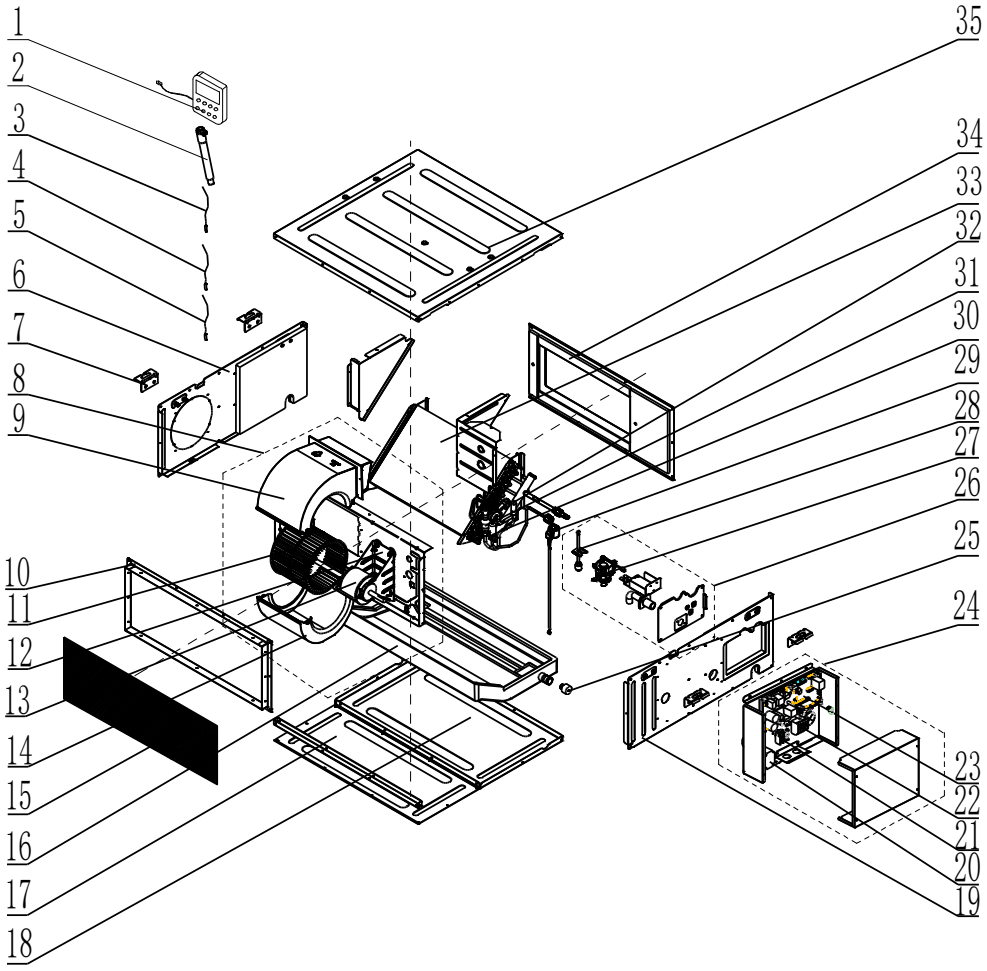


No.	Name of part
1	Display Board
2	Drain Hose Sub-Assy
3	Temperature Sensor
4	Temperature Sensor
5	Temperature Sensor
6	Right Side Plate Assy
7	Hook
8	Centrifugal Fan Assy
9	Propeller Housing(Upper)
10	Centrifugal Fan
11	Supporter(Fan motor)
12	Brushless DC Motor
13	Propeller Housing(Lower)
14	Foam Sub-assy
15	Filter Sub-Assy
16	Return Air Frame Sub-Assy
17	Cover Of Air-In
18	Bottom Cover Plate
19	Left Side Plate Assy
20	Inductance
21	Terminal Board

No.	Name of part
22	Terminal Board
23	Main Board
24	Electric Box Assy
25	Choke Plug Of Drain Pipe
26	Seal Plate Assy
27	Water Pump
28	Water Level Switch
29	Electric Expand Valve Fitting
30	Strainer
31	Strainer
32	Electronic Expansion Valve
33	Evaporator Assy
34	Air Outlet Frame Assy
35	Top Cover Board Assy

Above data is subject to change without notice, pls refer the SP in global service website.

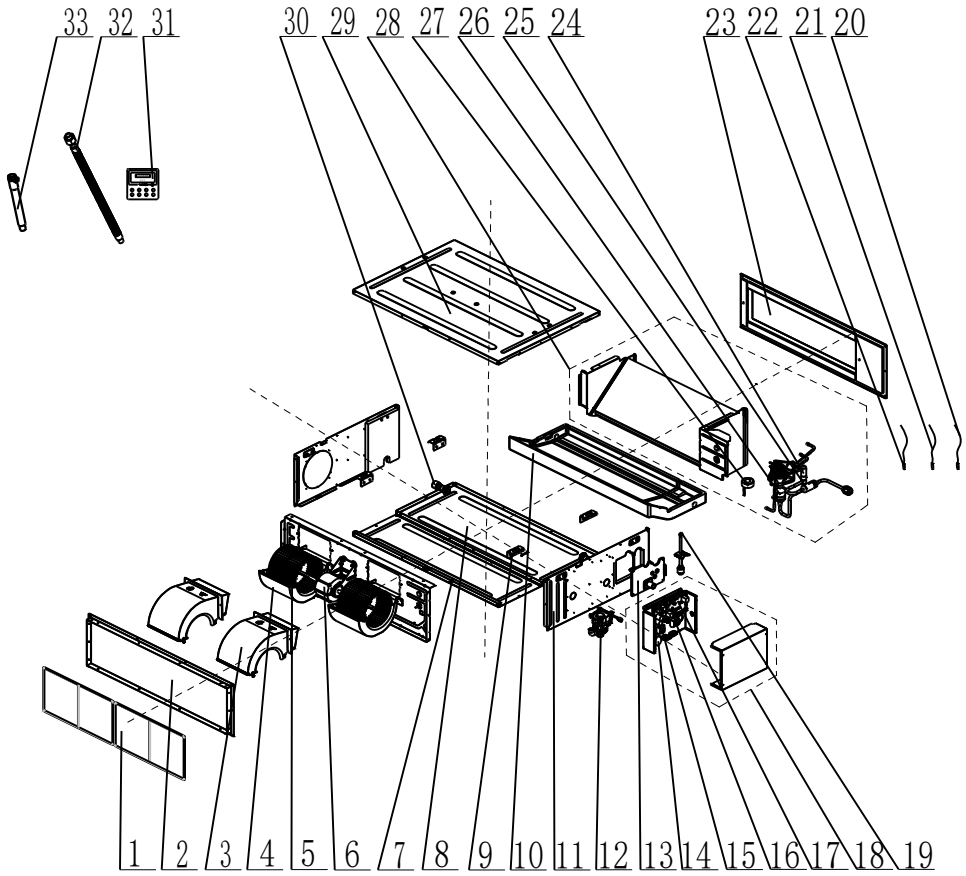
Exploded View of GMV-ND40PHS/B-T, GMV-ND45PHS/B-T, GMV-ND50PHS/B-T:



No.	Name of part
1	Display Board
2	Drain Hose Sub-Assy
3	Temperature Sensor
4	Temperature Sensor
5	Temperature Sensor
6	Right Side Plate Assy
7	Hook
8	Centrifugal Fan Assy
9	Propeller Housing(Upper)
10	Return Air Frame Sub-Assy
11	Centrifugal Fan
12	Supporter(Fan motor)
13	Brushless DC Motor
14	Propeller Housing(Lower)
15	Filter Sub-Assy
16	Foam Sub-assy
17	Cover Of Air-In
18	Bottom Cover Plate
19	Left Side Plate Assy
20	Inductance
21	Terminal Board
22	Terminal Board
23	Main Board
24	Electric Box Assy
25	Choke Plug Of Drain Pipe
26	Seal Plate Assy
27	Water Pump
28	Water Level Switch
29	Electric Expand Valve Fitting
30	Strainer
31	Strainer
32	Electronic Expansion Valve
33	Evaporator Assy
34	Air Outlet Frame Assy
35	Top Cover Board Assy

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND56PHS/B-T, GMV-ND63PHS/B-T, GMV-ND71PHS/B-T, GMV-ND80PHS/B-T:

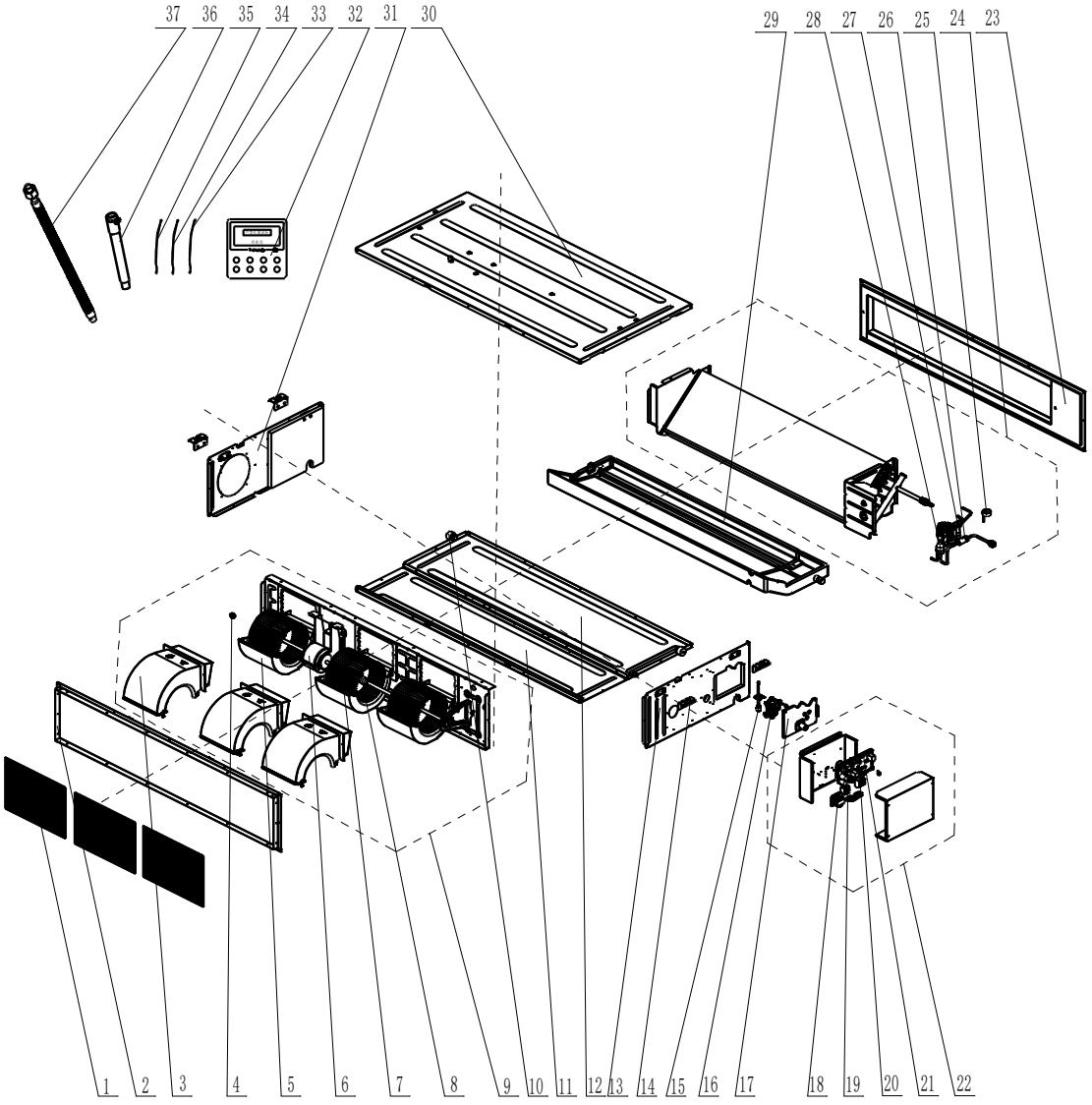


No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Propeller Housing(Upper)
4	Propeller Housing(Lower)
5	Centrifugal Fan
6	Brushless DC Motor
7	Cover Of Air-In
8	Bottom Cover Plate
9	Hook
10	Foam Sub-assy
11	Left Side Plate Assy
12	Water Pump
13	Seal plate Assy
14	Inductance
15	Terminal Board
16	Terminal Board
17	Main Board
18	Electric Box Assy
19	Water Level Switch
20	Temperature Sensor
21	Temperature Sensor
22	Temperature Sensor
23	Air Outlet Frame Assy

No.	Name of part
24	Electronic Expansion Valve
25	Strainer
26	Strainer
27	Electric Expand Valve Fitting
28	Evaporator Assy
29	Top Cover Board Assy
30	Choke Plug of Drain Pipe
31	Display Board
32	Corrugated Pipe
33	Drain Hose Sub-Assy

Above data is subject to change without notice, pls refer the SP in global service website.

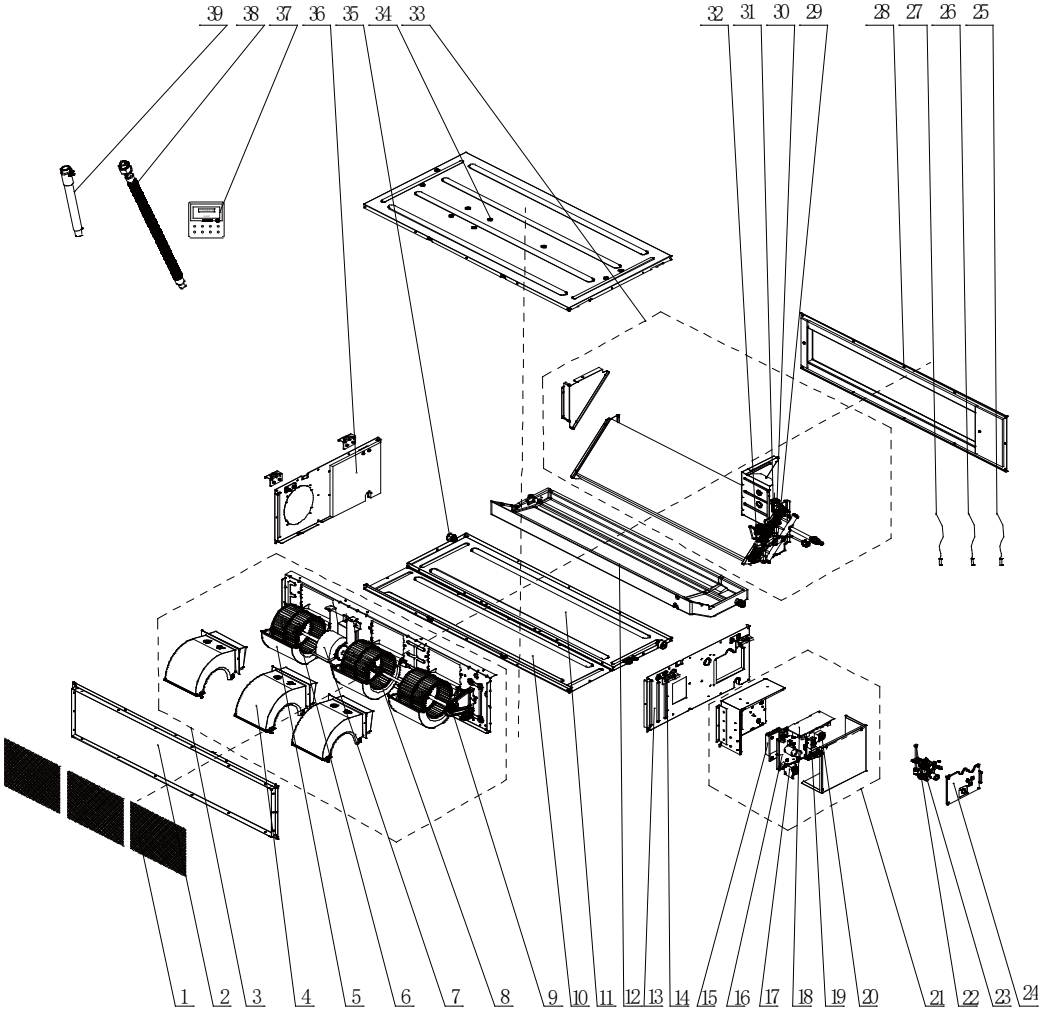
Exploded View of GMV-ND90PHS/B-T, GMV-ND100PHS/B-T, GMV-ND112PHS/B-T, GMV-ND125PHS/B-T:



No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Propeller Housing(Upper)
4	Fan Bearing
5	Propeller Housing(Lower)
6	Brushless DC Motor
7	Centrifugal Fan
8	Joint Slack
9	Centrifugal Fan Assy
10	Choke Plug Of Drain Pipe
11	Cover Plate(Air Return)
12	Bottom Cover Plate
13	Left Side Plate Assy
14	Hook
15	Water Level Switch
16	Water Pump
17	Seal Plate
18	Reactor
19	Terminal board
20	Terminal Board
21	Main Board
22	Electric Box Assy
23	Air Outlet Frame Assy
24	Evaporator Assy
25	Electric Expand Valve Fitting
26	Strainer
27	Electronic Expansion Valve
28	Strainer
29	Foam Sub-Assy
30	Top Cover Board Assy
31	Right Side Plate Assy
32	Display Board
33	Temperature Sensor
34	Temperature Sensor
35	Temperature Sensor
36	Drain Hose Sub-Assy
37	Corrugated Pipe

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND140PHS/B-T, GMV-ND160PHS/B-T

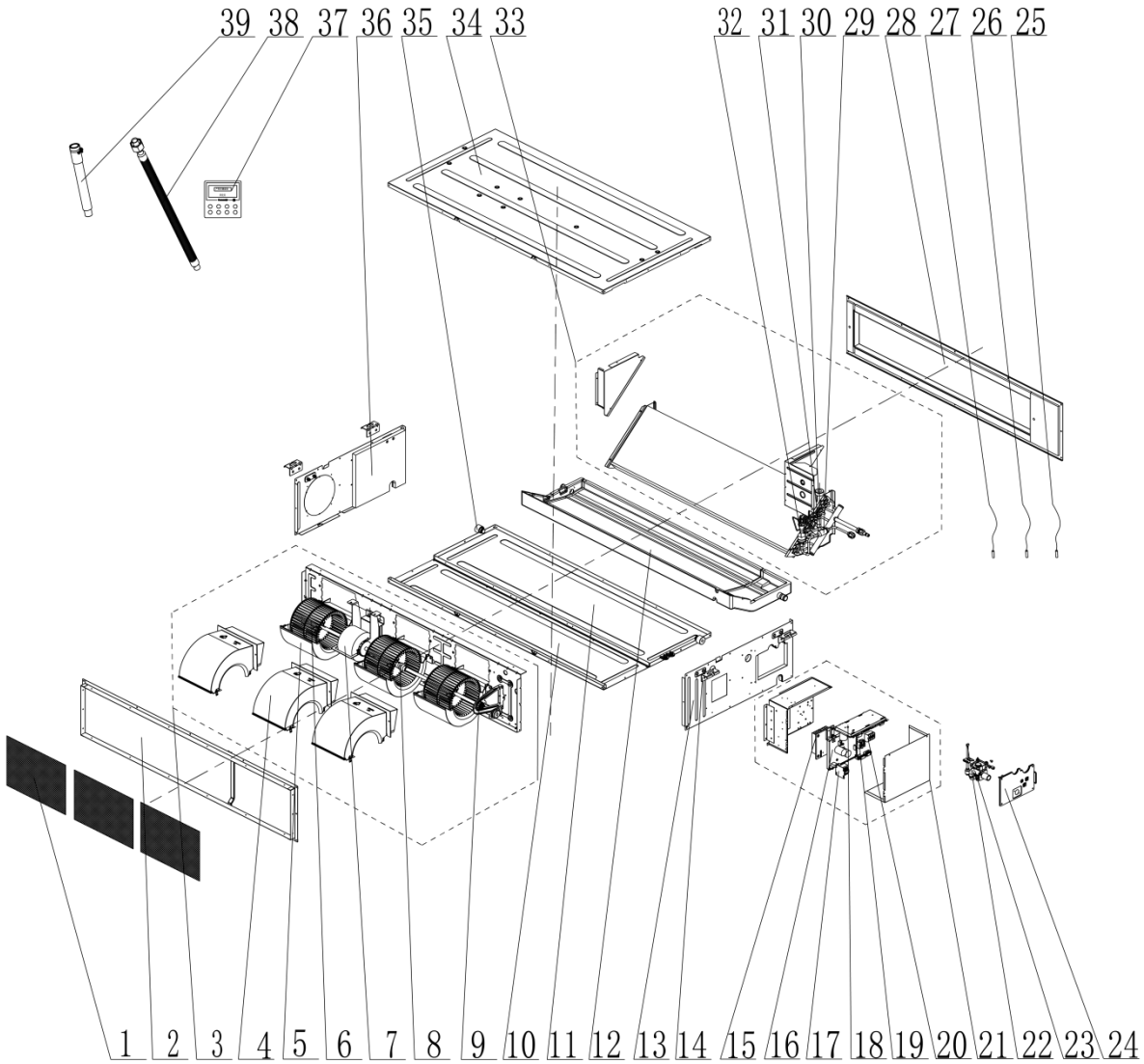


No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Centrifugal Fan Assy
4	Propeller Housing(Upper)
5	Propeller Housing(Lower)
6	Centrifugal Fan
7	Brushless DC Motor
8	Joint Slack
9	Fan Bearing
10	Cover Plate(Air return)
11	Bottom Cover Plate
12	Foam Sub-Assy(Water Tray)
13	Left Side Plate Assy
14	Hook
15	Radiator
16	Main Board
17	Reactor
18	Main Board
19	Terminal board
20	Terminal Board
21	Electric Box Assy

No.	Name of part
22	Water Level Switch
23	Water Pump
24	Seal Plate
25	Temperature Sensor
26	Temperature Sensor
27	Temperature Sensor
28	Air Outlet Frame Assy
29	Strainer
30	Electric Expand Valve Fitting
31	Electronic Expansion Valve
32	Strainer
33	Evaporator Assy
34	Top Cover Board Assy
35	Choke Plug Of Drain Pipe
36	Right Side Plate Assy
37	Display Board
38	Corrugated Pipe
39	Drain Hose Sub-Assy

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND180PHS/B-T

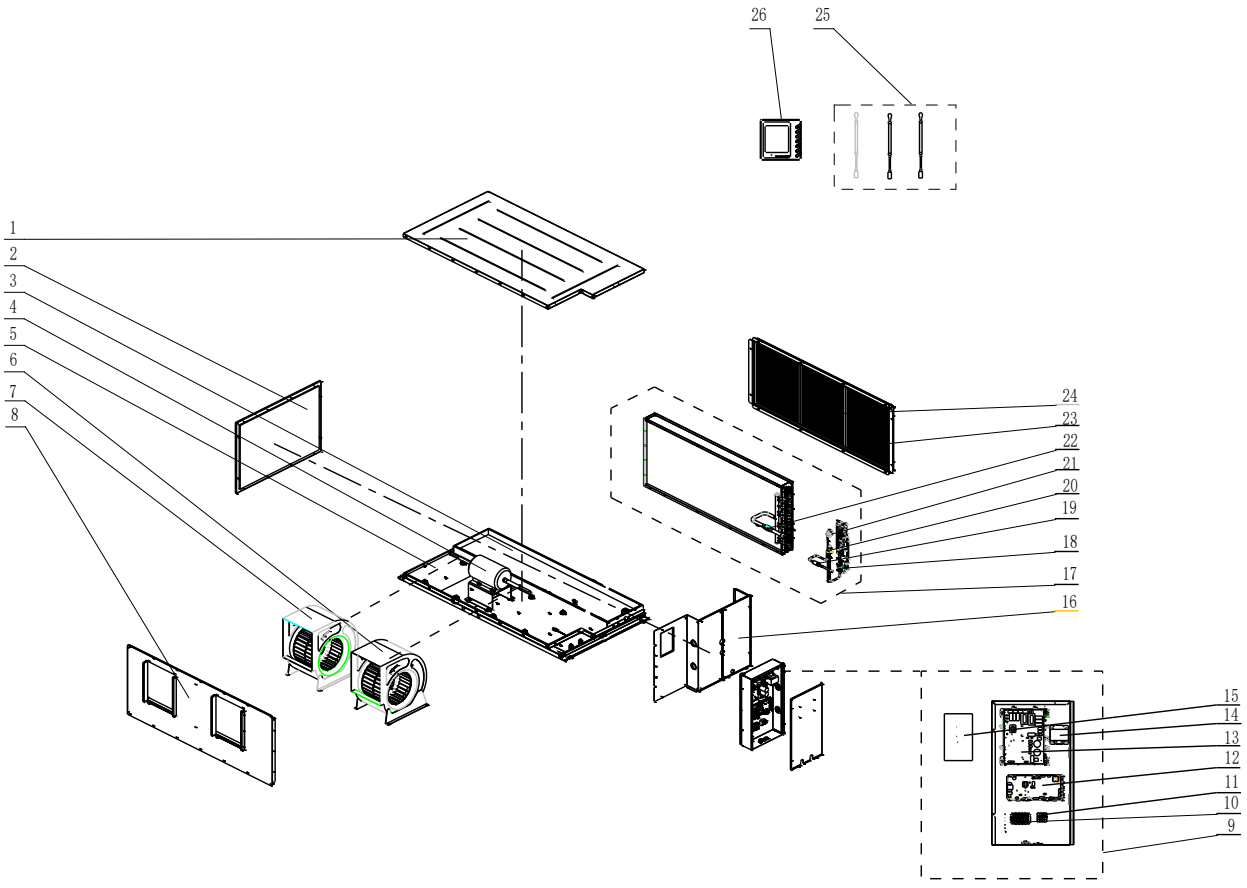


No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Centrifugal fan assy
4	Propeller Housing(Upper)
5	Propeller Housing(Lower)
6	Centrifugal Fan
7	Brushless DC Motor
8	Joint Slack
9	Fan Bearing
10	Cover Plate(Air return)
11	Bottom Cover Plate
12	Foam Sub-assy
13	Left Side Plate Assy
14	Hook
15	Radiator
16	Main Board
17	Reactor
18	Main Board

No.	Name of part
19	Terminal Board
20	Terminal Board
21	Electric Box Assy
22	Water Level Switch
23	Water Pump
24	Seal plate
25	Temperature Sensor
26	Temperature Sensor
27	Temperature Sensor
28	Air Outlet Frame Assy
29	Strainer
30	Electric Expand Valve Fitting
31	Electronic Expansion Valve
32	Strainer
33	Evaporator Assy
34	Top Cover Board Assy
35	Choke Plug of Drain Pipe
36	Right Side Plate Assy
37	Display Board
38	Corrugated Pipe
39	Drain Hose Sub-Assy

Above data is subject to change without notice, pls reference the SP in global service website.

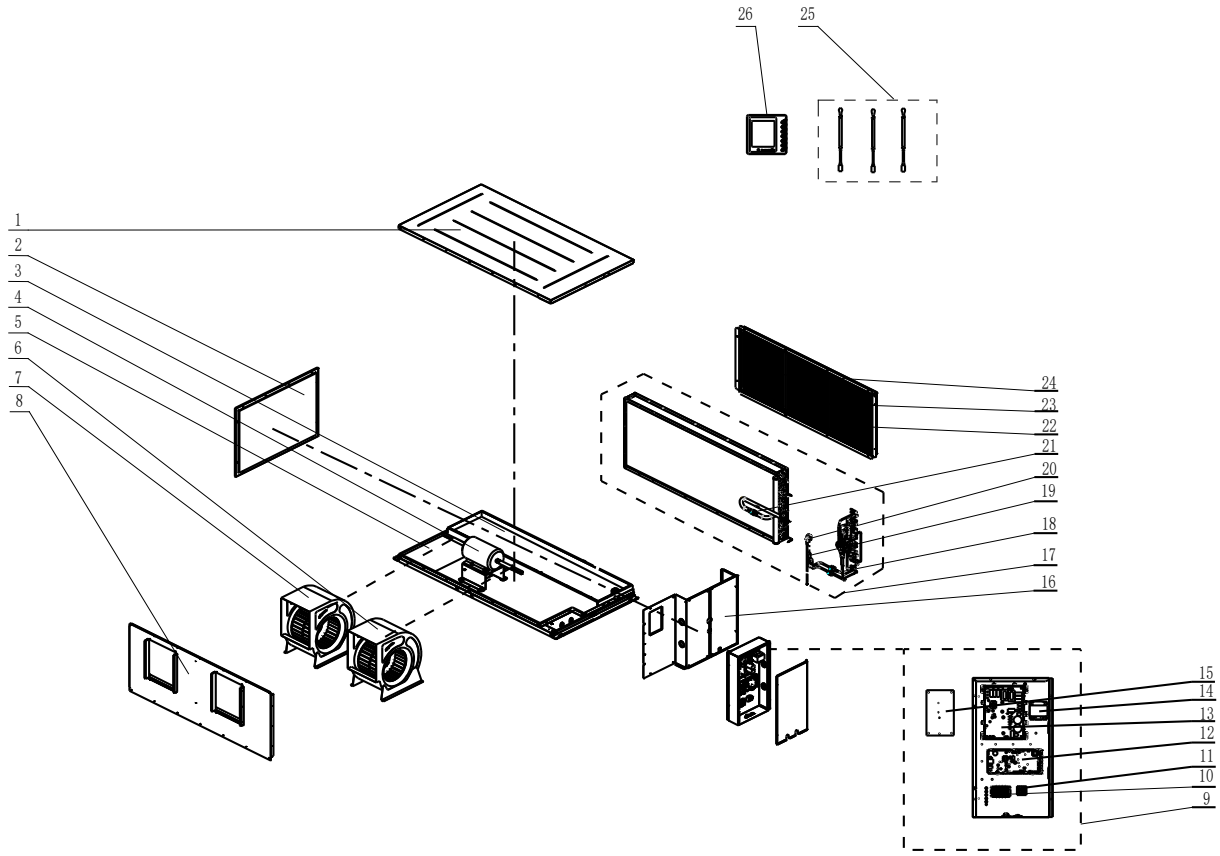
Exploded View of GMV-ND400PH/AR-X



No.	Name of part
1	Top Cover Board Sub-assy
2	Left Side Plate Assy
3	Water Collecting Tray Assy
4	Brushuless DC Motor
5	Hange Frame Assy
6	Motor for Centrifugal Fan
7	Motor for Centrifugal Fan
8	Air Outlet Panel Sub-assy
9	Electric Box Assy
10	Terminal Board
11	Terminal Board
12	Main Board
13	Main Board
14	Reactor
15	Radiator
16	Right Side Plate Assy
17	Evaporator Assy
18	Strainer
19	Bidirection Strainer
20	Electronic Expansion Valve
21	Electric Expand Valve Fitting
22	Filter
23	Filter Sub-assy 1
24	Filter Sub-assy 2
25	Sens or Sub-assy
26	Display Board

Above data is subject to change without notice,pls reference the SP in global service website.

Exploded View of GMV-ND450PH/AR-X:

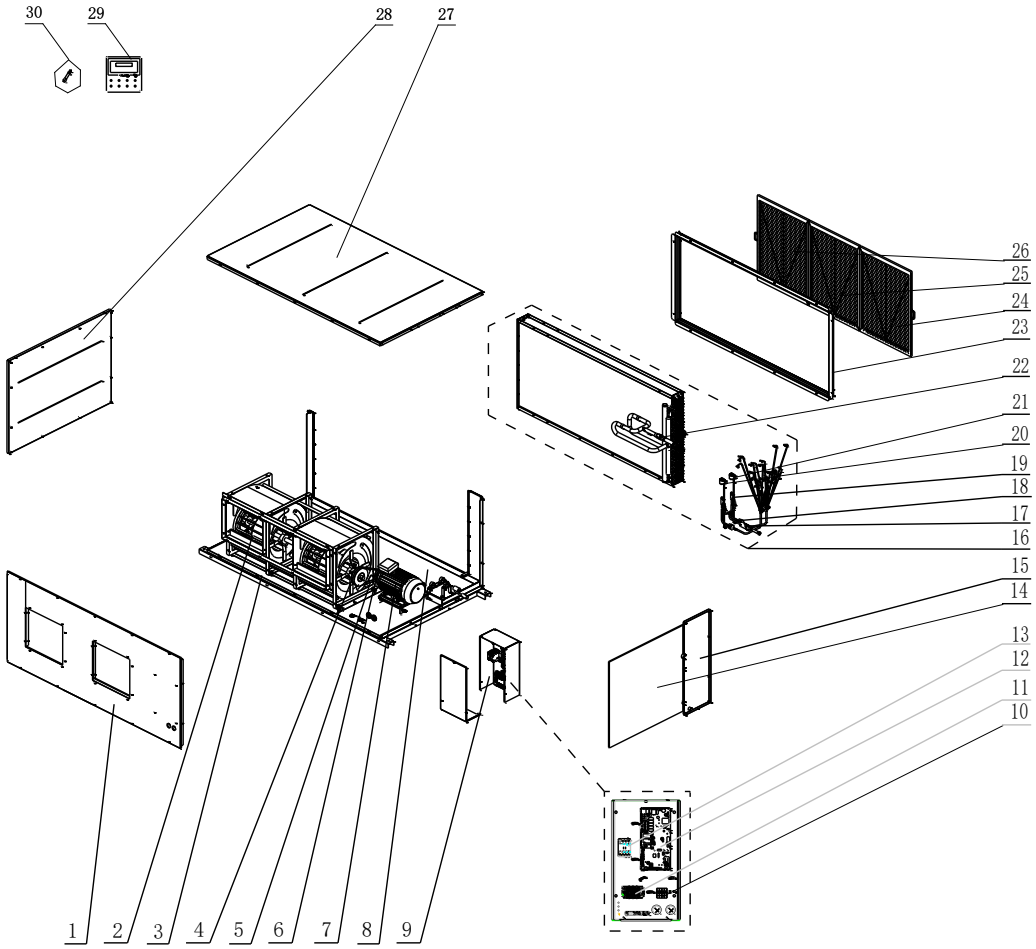


No.	Name of part
1	Top Cover Sub-Assy
2	Side panel sub-assy 1
3	Water Collecting Tray Assy
4	Brushless DC Motor
5	Base Frame Assy
6	Motor for Centrifugal Fan
7	Motor for Centrifugal Fan
8	Air Outlet Panel Sub-assy
9	Electric Box Assy
10	Terminal Board
11	Terminal Board
12	Main Board
13	Main Board
14	Reactor
15	Radiator
16	Side Plate
17	Evaporator Assy
18	Strainer
19	Electronic Expansion Valve
20	Electric Expand Valve Fitting
21	Filter
22	Filter Sub-assy 1
23	Filter Sub-assy 2

No.	Name of part
24	Filter Sub-assy 3
25	Sensor Sub-assy
26	Display Board

Above data is subject to change without notice,pls reference the SP in global service website.

Exploded View of GMV-N560PH/AR-M:



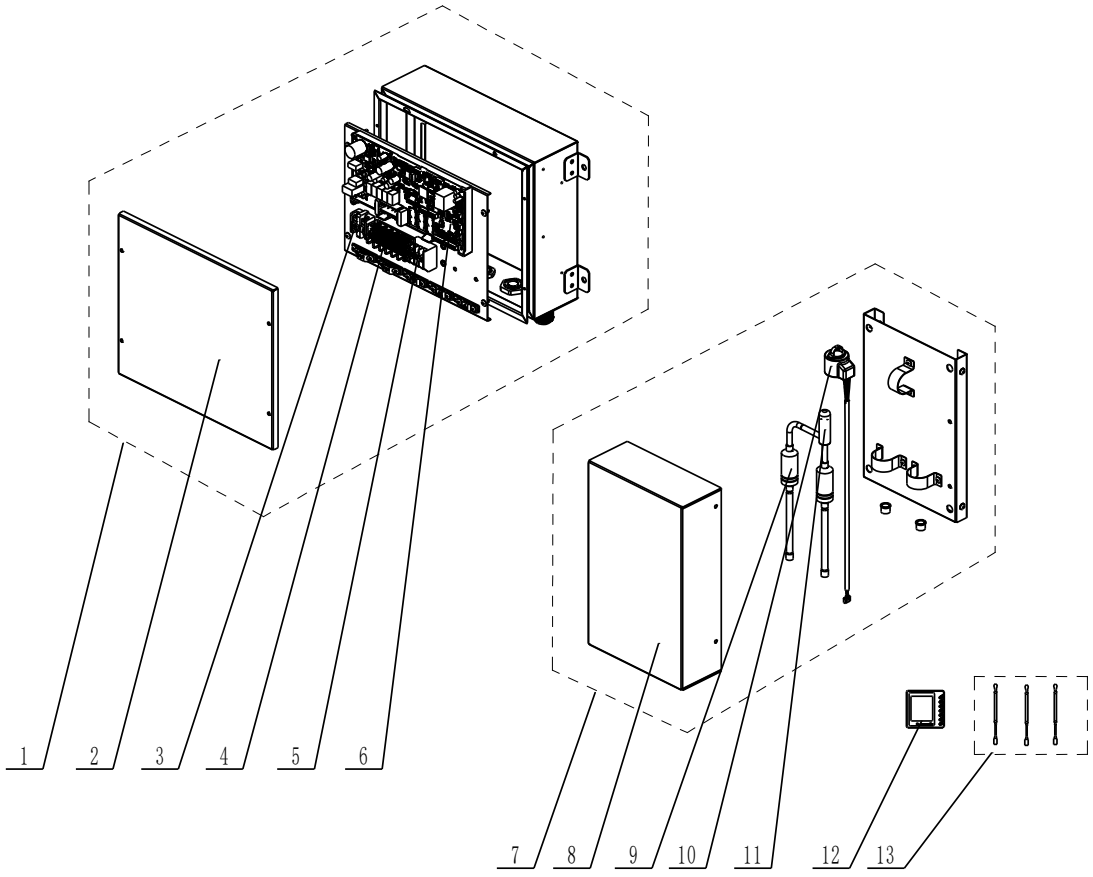
No.	Name of part
1	Air Outlet Panel Assy
2	Blower
3	Base Frame Assy
4	Belt Wheel
5	Belt
6	Belt Wheel
7	Fan Motor
8	Water Collecting Tray Assy
9	Electric Box Assy
10	Terminal Board
11	Terminal Board
12	Main Board
13	A C Contactor
14	Front Panel Sub-assy
15	Front Panel Sub-assy
16	Evaporator Assy

No.	Name of part
17	Gas Tube Filter
18	Strainer
19	Electronic Expansion Valve
20	Electric Expand Valve Fitting
21	Electric Expand Valve Fitting
22	Filter
23	Return Air Frame Sub-Assy
24	Filter Sub-assy 1
25	Filter Sub-assy 2
26	Filter Sub-assy 3
27	Top Cover Sub-assy
28	Side Panel Sub-assy 1
29	Display Board
30	Sensor Sub-assy

Above data is subject to change without notice,pls reference the SP in global service website.

5.15 AHU-KIT Type

Exploded View of GMV-N36U/A-T, GMV-N71U/A-T, GMV-N140U/A-T, GMV-N280U/A-T,:



GMV-N36U/A-T:

No.	Part Name
1	Electric Box Assy
2	Electric Box Cover
3	Terminal Board

No.	Part Name
4	Terminal Board
5	Terminal Board
6	Main Board
7	Electronic Expansion Valve Assy
8	Cover Plate
9	Strainer
10	Electric Expand Valve Fitting
11	Electronic Expansion Valve
12	Display Board
13	Sensor Sub-assy

GMV-N71U/A-T:

No.	Part Name
1	Electric Box Assy
2	Electric Box Cover
3	Terminal Board
4	Terminal Board
5	Terminal Board
6	Main Board
7	Electronic Expansion Valve Assy
8	Cover Plate
9	Strainer
10	Electric Expand Valve Fitting
11	Electronic Expansion Valve
12	Display Board
13	Sensor Sub-assy

GMV-N140U/A-T:

No.	Part Name
1	Electric Box Assy
2	Electric Box Cover
3	Terminal Board
4	Terminal Board
5	Terminal Board
6	Main Board
7	Electronic Expansion Valve Assy
8	Cover Plate
9	Strainer
10	Electric Expand Valve Fitting
11	Electronic Expansion Valve
12	Display Board
13	Sensor Sub-assy

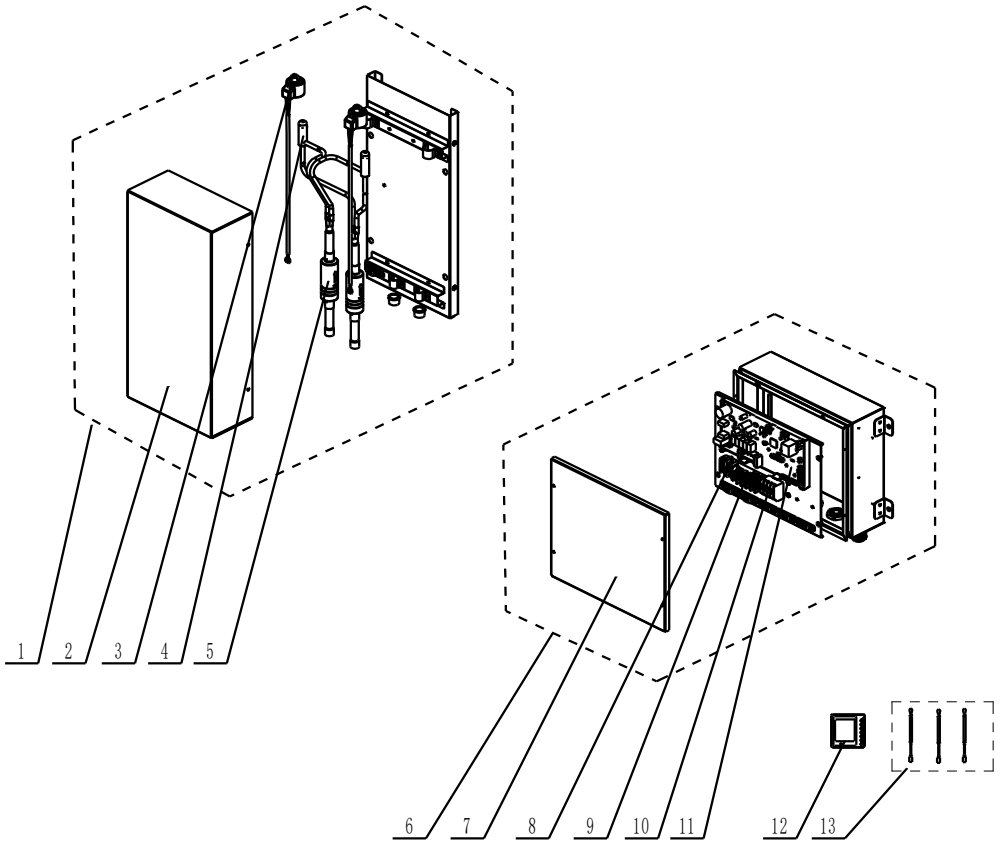
GMV-N280U/A-T:

No.	Part Name
1	Electric Box Assy
2	Electric Box Cover
3	Terminal Board
4	Terminal Board
5	Terminal Board
6	Main Board

No.	Part Name
7	Electronic Expansion Valve Assy
8	Cover Plate
9	Strainer
10	Electric Expand Valve Fitting
11	Electronic Expansion Valve
12	Display Board
13	Sensor Sub-assy

Above data is subject to change without notice, pls refer the SP in global service website.

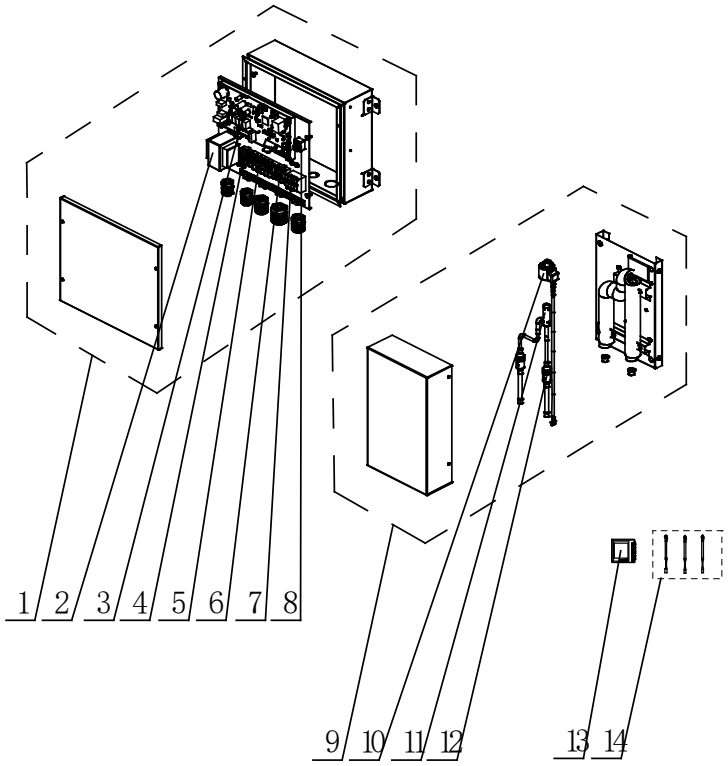
Exploded View of GMV-N560U/A-T



No.	Part Name
1	Electronic Expansion Valve Assy
2	Cover Plate
3	Electric Expand Valve Fitting
4	Electronic Expansion Valve
5	Bidirection Strainer
6	Electric Box Assy
7	Electric Box Cover
8	Terminal Board
9	Terminal Board
10	Terminal Board
11	Main Board
12	Display Board
13	Sensor Sub-Assy

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-N36U/B-T, GMV-N71U/B-T, GMV-N140U/B-T, GMV-N280U/B-T:



GMV-N36U/B-T:

No.	Part Name
1	Electric Box Assy
2	Transformer
3	Main Board
4	Terminal Board
5	Terminal Board
6	Terminal Board
7	Terminal Board
8	Terminal Board
9	Electronic Expansion Valve assy
10	Electric Expand Valve Fitting
11	Electronic Expansion Valve
12	Strainer
13	Display Board
14	Sensor Sub-assy

GMV-N71U/B-T:

No.	Part Name
1	Electric Box Assy
2	Transformer
3	Main Board
4	Terminal Board
5	Terminal Board
6	Terminal Board
7	Terminal Board
8	Terminal Board
9	Electronic Expansion Valve assy
10	Electric Expand Valve Fitting

No.	Part Name
11	Electronic Expansion Valve
12	Strainer
13	Display Board
14	Sensor Sub-assy

GMV-N140U/B-T:

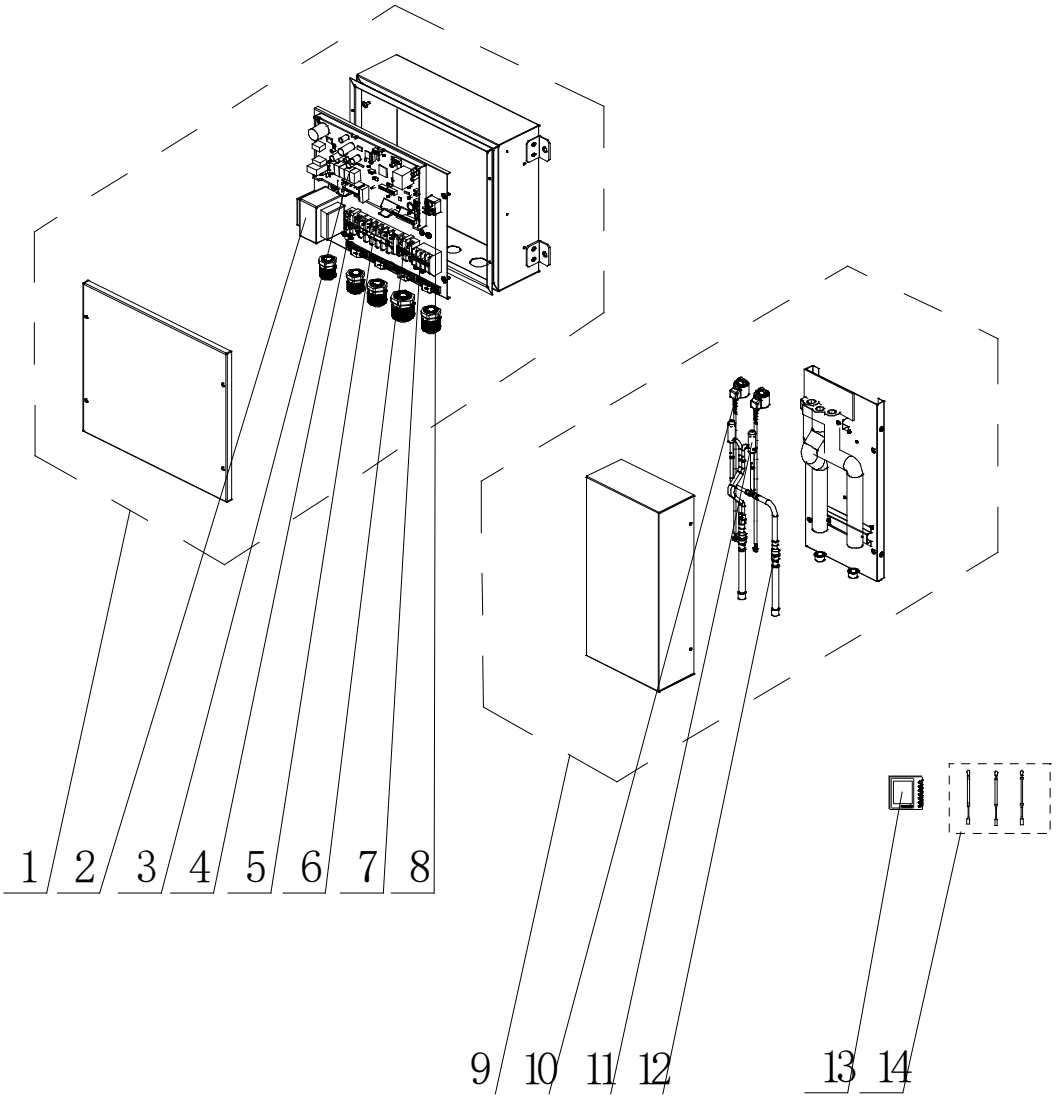
No.	Part Name
1	Electric Box Assy
2	Transformer
3	Main Board
4	Terminal Board
5	Terminal Board
6	Terminal Board
7	Terminal Board
8	Terminal Board
9	Electronic Expansion Valve assy
10	Electric Expand Valve Fitting
11	Electronic Expansion Valve
12	Strainer
13	Display Board
14	Sensor Sub-assy

GMV-N280U/B-T:

No.	Part Name
1	Electric Box Assy
2	Transformer
3	Main Board
4	Terminal Board
5	Terminal Board
6	Terminal Board
7	Terminal Board
8	Terminal Board
9	Electronic Expansion Valve assy
10	Electric Expand Valve Fitting
11	Electronic Expansion Valve
12	Strainer
13	Display Board
14	Sensor Sub-assy

Above data is subject to change without notice, pls refer the SP in global service website.

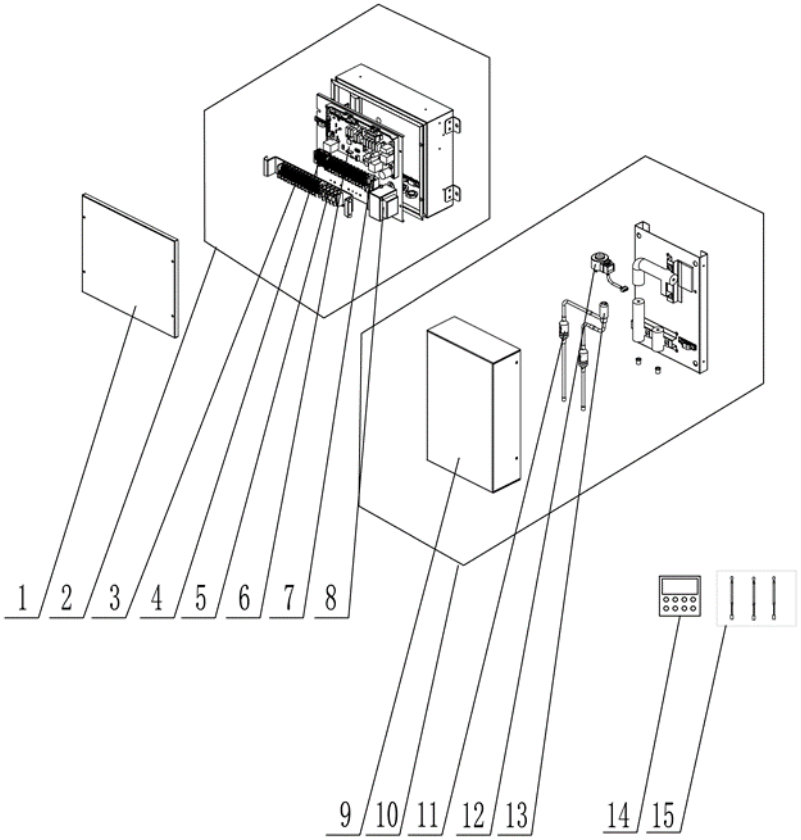
Exploded View of GMV-N560U/B-T:



No.	Part Name
1	Electric Box Assy
2	Transformer
3	Main Board
4	Terminal Board
5	Terminal Board
6	Terminal Board
7	Terminal Board
8	Terminal Board
9	Electronic Expansion Valve assy
10	Electric Expand Valve Fitting
11	Electronic Expansion Valve
12	Strainer
13	Display Board
14	Sensor Sub-assy

Above data is subject to change without notice, pls refer the SP in global service website.

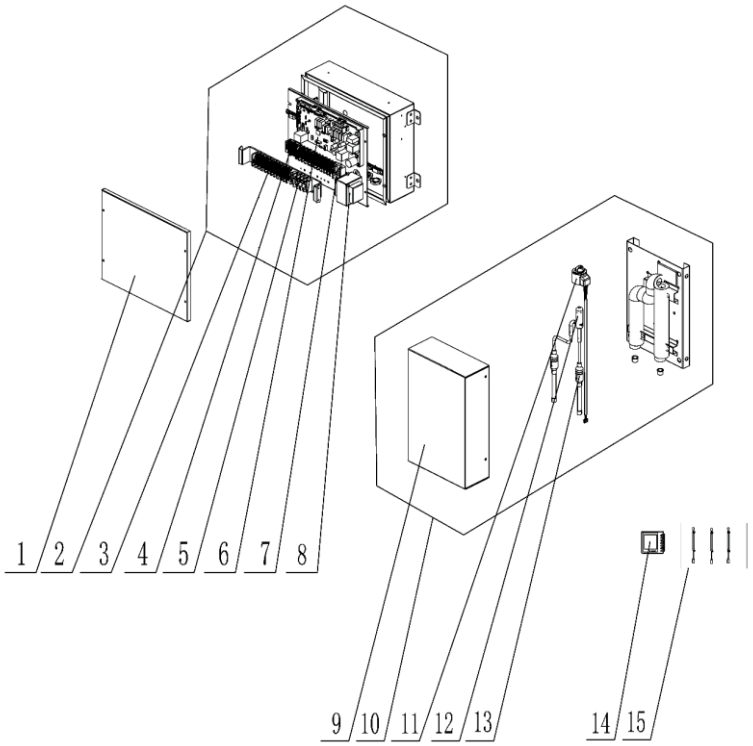
Exploded View of GMV-N36U/C-T:



No.	Name of part
1	Electrical Box Cover
2	Electric Box Assy
3	Terminal Board
4	Terminal Board
5	Terminal Board
6	Main Board
7	Terminal Board
8	Transformer
9	Cover Plate
10	Electronic Expansion Valve Assy
11	Strainer
12	Electric Expand Valve Fitting
13	Electric Expansion Valve
14	Display Board
15	Sensor Sub-Assy

Above data is subject to change without notice, pls refer the SP in global service website.

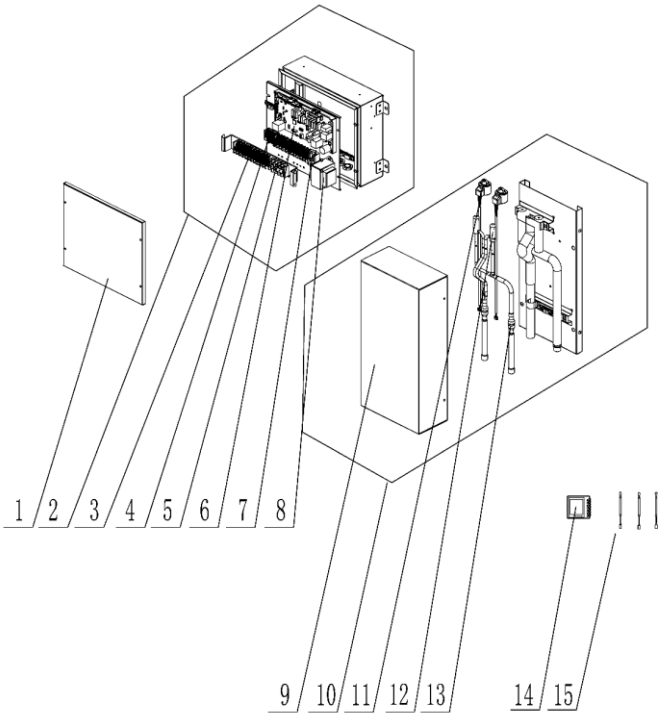
Exploded View of GMV-N71U/C-T, GMV-N140U/C-T, GMV-N280U/C-T:



No.	Name of part
1	Electrical Box Cover
2	Electric Box Assy
3	Terminal Board
4	Terminal Board
5	Terminal Board
6	Main Board
7	Terminal Board
8	Transformer
9	Cover Plate
10	Electronic Expansion Valve Assy
11	Electric Expand Valve Fitting
12	Electronic Expansion Valve
13	Strainer
14	Display Board
15	Sensor Sub-Assy

Above data is subject to change without notice, pls refer the SP in global service website.

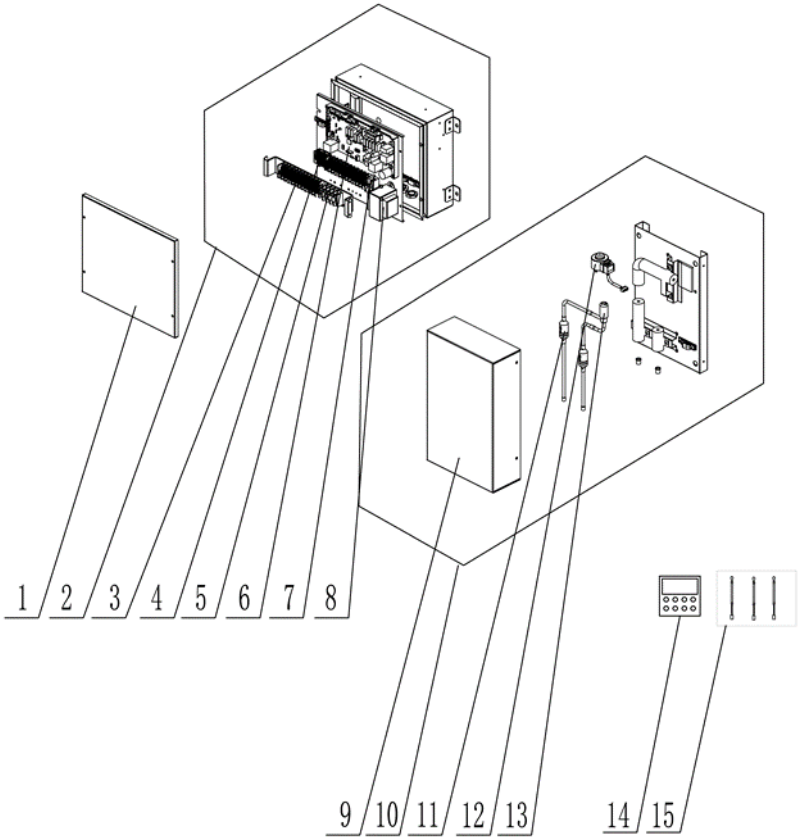
Exploded View of GMV-N560U/C-T:



No.	Name of part
1	Electrical Box Cover
2	Electric Box Assy
3	Terminal Board
4	Terminal Board
5	Terminal Board
6	Main Board
7	Terminal Board
8	Transformer
9	Cover Plate
10	Electronic Expansion Valve assy
11	Electric Expand Valve Fitting
12	Electronic Expansion Valve
13	Strainer
14	Display Board
15	Sensor Sub-assy

Above data is subject to change without notice, pls refer the SP in global service website.

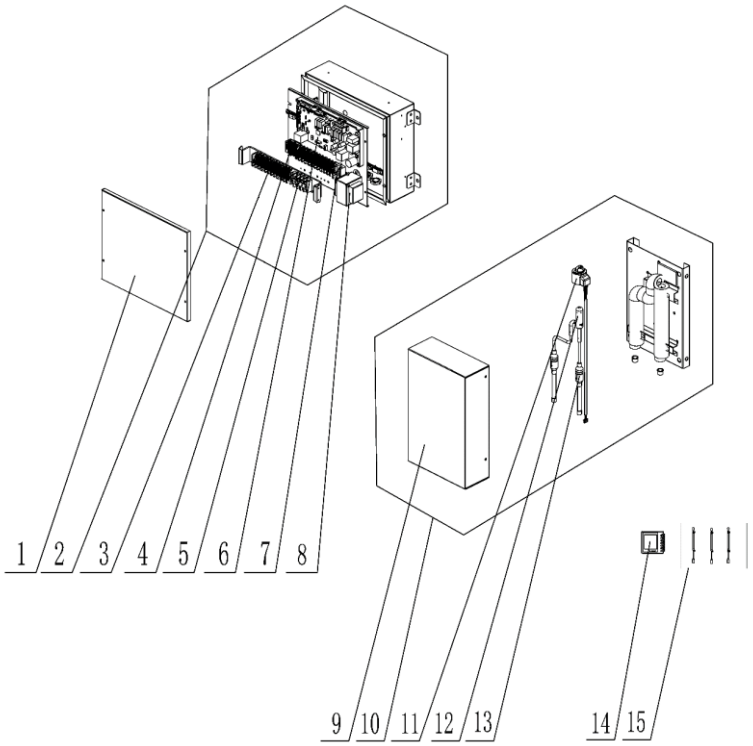
Exploded View of GMV-N36U/D-T:



No.	Part Name
1	Electrical Box Cover
2	Electric Box Assy
3	Terminal Board
4	Terminal Board
5	Terminal Board
6	Main Board
7	Terminal Board
8	Transformer
9	Cover Plate
10	Electronic Expansion Valve Assy
11	Strainer
12	Electric Expand Valve Fitting
13	Electric Expansion Valve
14	Display Board
15	Sensor Sub-Assy

Above data is subject to change without notice, pls refer the SP in global service website.

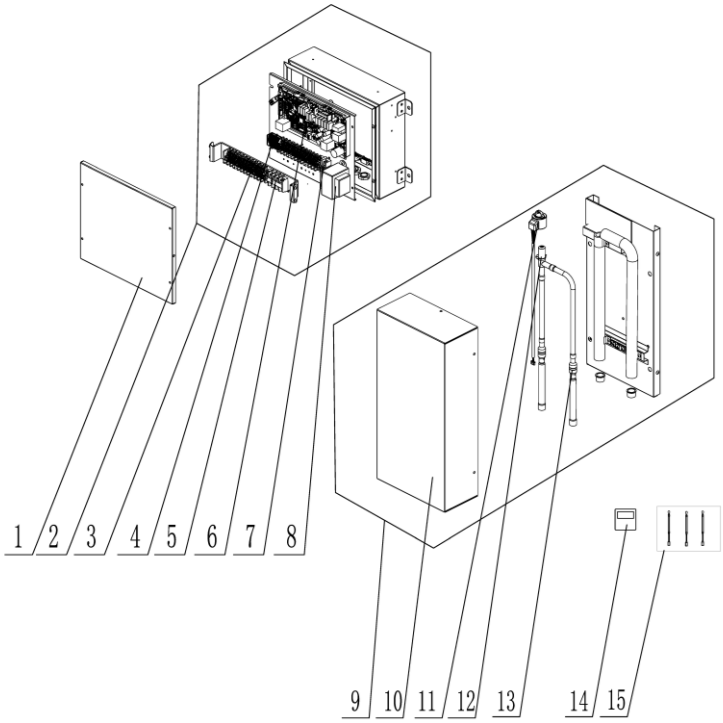
Exploded View of GMV-N71U/D-T, GMV-N180U/D-T, GMV-N450U/D-T:



No.	Name of part
1	Electrical Box Cover
2	Electric Box Assy
3	Terminal Board
4	Terminal Board
5	Terminal Board
6	Main Board
7	Terminal Board
8	Transformer
9	Cover Plate
10	Electronic Expansion Valve Assy
11	Electric Expand Valve Fitting
12	Electronic Expansion Valve
13	Strainer
14	Display Board
15	Sensor Sub-Assy

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-N840U/D-T:

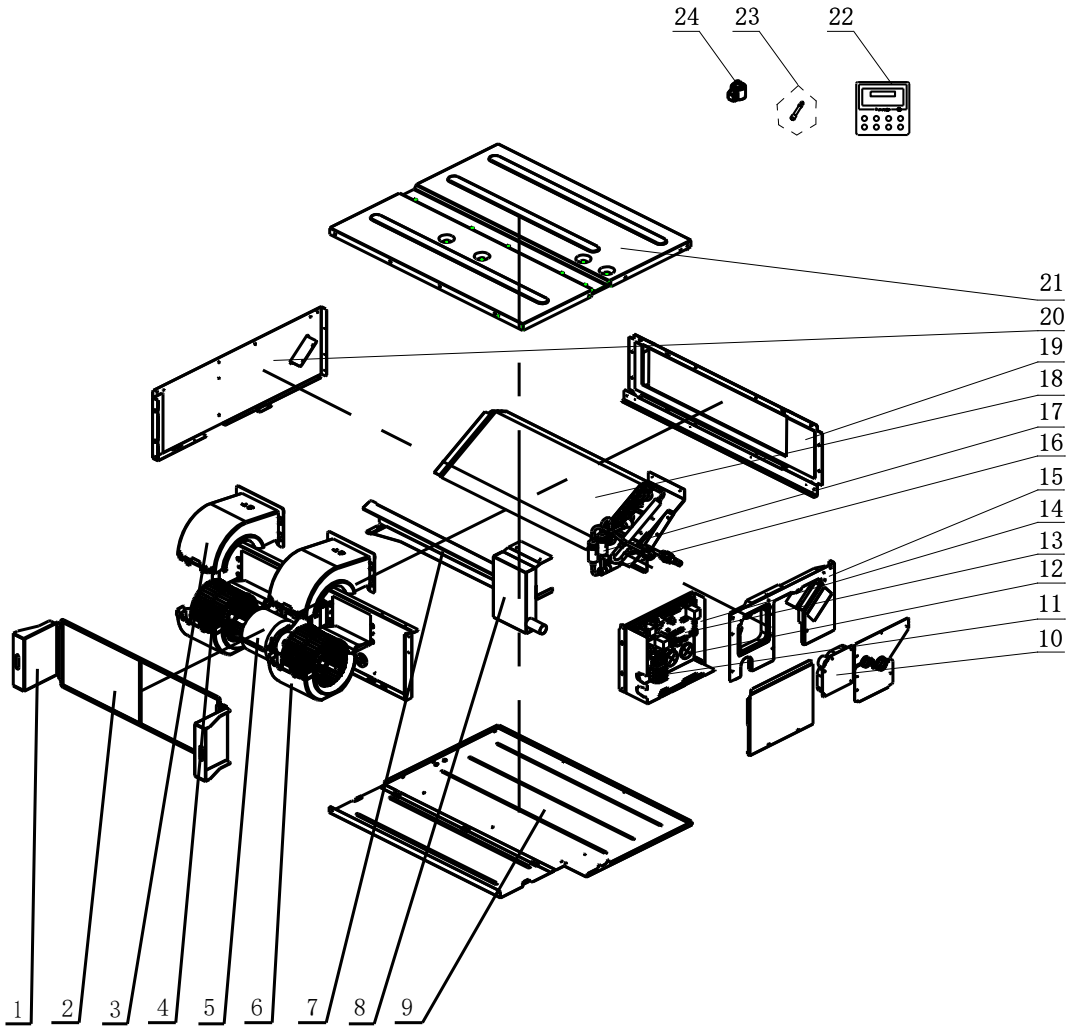


No.	Name of part
1	Electric Box Cover
2	Electric Box Assy
3	Terminal Board(11 bit)
4	Terminal Board(4 bit)(for communication)
5	Terminal Board(5 bit)
6	Main Board
7	Terminal Board(2 bit)
8	Transformer
9	Electronic Expansion Valve Assy
10	Cover Plate
11	Electric Expand Valve Fitting UKV
12	Electronic Expansion Valve
13	Strainer
14	Display Board
15	Sensor Sub-assy

Above data is subject to change without notice, pls refer the SP in global service website.

5.16 Concealed Floor Standing Type

Exploded View of GMV-ND22ZA/A-T, GMV-ND28ZA/A-T, GMV-ND36ZA/A-T:

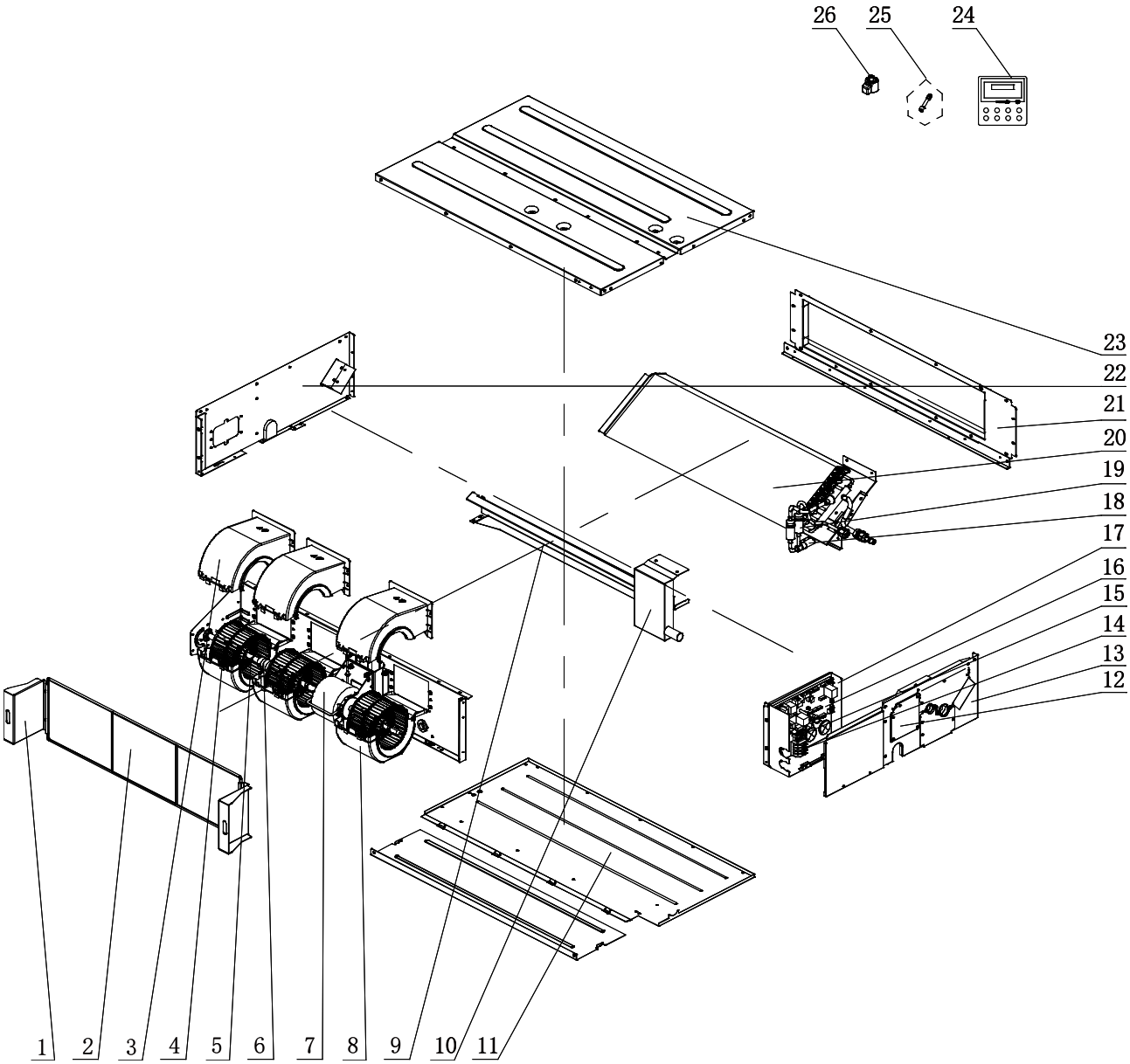


No.	Name of part
1	Supporter
2	Filter Sub-Assy
3	Front Volute Casing
4	Centrifugal Fan
5	Brushless DC Motor
6	Rear Volute Casing
7	Water Tray Assy
8	Water Tray Assy
9	Bottom Cover Plate Assy
10	Sealplate sub-assy (drainage)
11	Terminal Board
12	Terminal Board
13	Main Board
14	Electric Box Assy
15	Left Side Plate Assy

No.	Name of part
16	Electronic Expansion Valve
17	Strainer
18	Evaporate Assy
19	Air Outlet Frame Assy
20	Right Side Plate Assy
21	Top Cover Board Assy
22	Display Board
23	Sensor Sub-assy
24	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND45ZA/A-T:

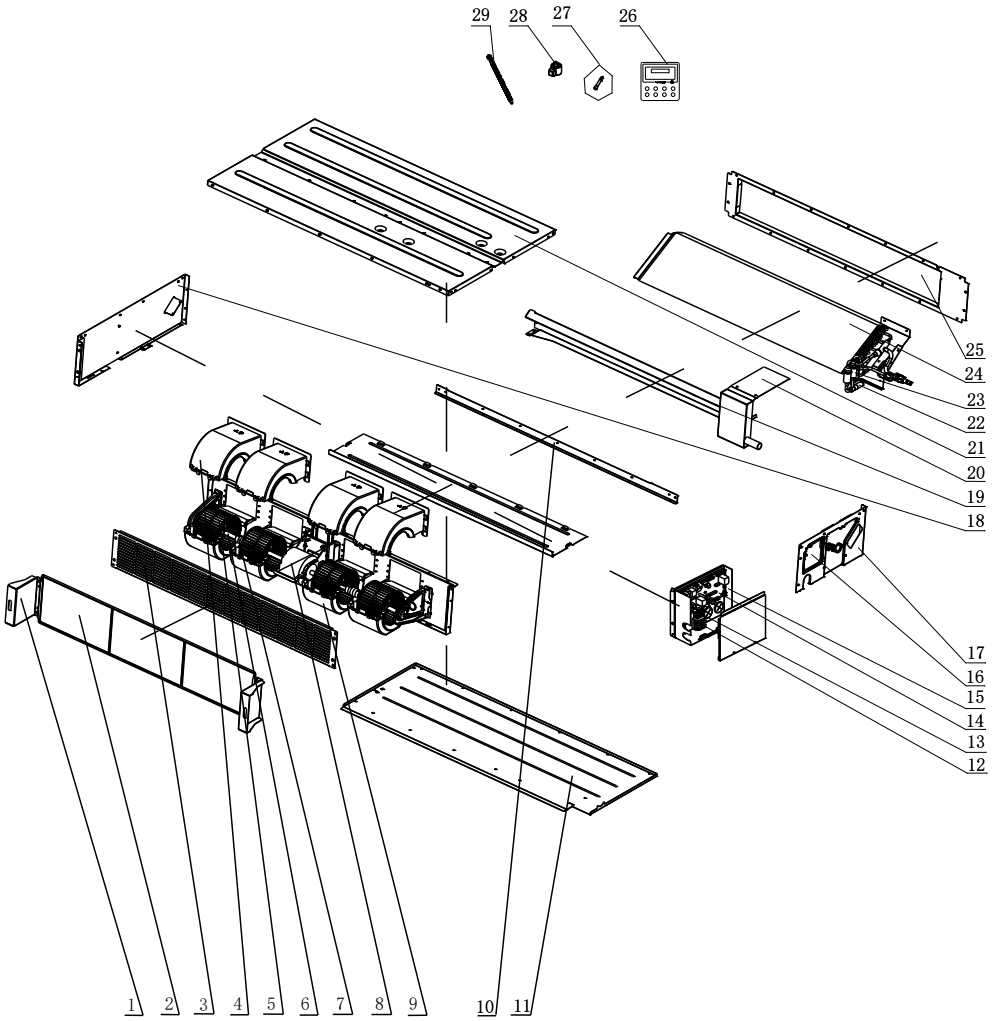


No.	Name of part
1	Supporter
2	Filter Sub-Assy
3	Front Volute Casing
4	Centrifugal Fan
5	Rotray Axis Sub-Assy
6	Joint Slack
7	Brushless DC Motor
8	Rear Volute Casing
9	Water Tray Assy
10	Water Tray Assy
11	Bottom Cover Plate Assy
12	Sealplate sub-assy (drainage)
13	Left Side Plate Assy
14	Terminal Board
15	Terminal Board

No.	Name of part
16	Main Board
17	Electric Box Assy
18	Electronic Expansion Valve
19	Strainer
20	Evaporate Assy
21	Air Outlet Frame Assy
22	Right Side Plate Assy
23	Top Cover Board Assy
24	Display Board
25	Sensor Sub-assy
26	Electric Expand Valve Fitting

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND56ZA/A-T, GMV-ND63ZA/A-T,GMV-ND71ZA/A-T:



No.	Name of part
1	Supporter
2	Filter Sub-Assy
3	Iron Grill
4	Front Volute Casing

No.	Name of part
5	Centrifugal Fan
6	Rotary Axis Sub-Assy
7	Joint Slack
8	Brushless DC Motor
9	Rear Volute Casing
10	Cover Plate Sub-Assy
11	Bottom Cover Plate Assy
12	Terminal Board
13	Terminal Board
14	Main Board
15	Electric Box Sub-Assy
16	Sealplate sub-assy (drainage)
17	Left Side Plate Assy
18	Right Side Plate Sub-Assy
19	Water Tray Assy
20	Water Tray Assy
21	Top Cover Board Assy
22	Electric Expansion Valve Sub-Assy
23	Strainer
24	Evaporator Assy
25	Air Outlet Frame Assy
26	Display Board
27	Sensor Sub-assy
28	Electric Expand Valve Fitting
29	Corrugated Pipe

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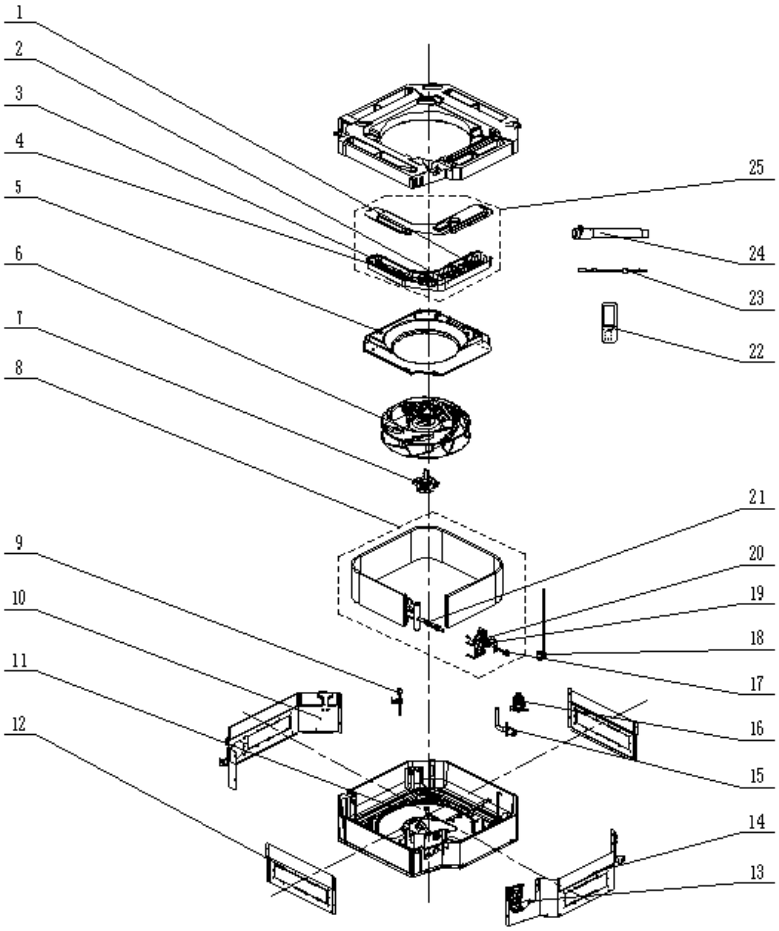
5.17 360°Air Discharge Cassette Type

Exploded View of GMV-ND22T/C-T,GMV-ND28T/C-T：



No.	Name of part
1	Main Board
2	Filter Board
3	Terminal Board
4	Terminal Board
5	Diversion Circle
6	Centrifugal Fan
7	Brushless DC Motor
8	Evaporator Assy
9	Liquid Level Switch
10	Side Plate 1
11	Seat Board Sub-Assy
12	Side Plate 3
13	Body Installing Plate
14	Side Plate 2
15	Drainage Pipe Sub-assy
16	Water Pump
17	Electronic Expansion Valve
18	Electric Expand Valve Fitting
19	Strainer
20	Strainer
21	Corrugated Pipe

No.	Name of part
22	Remote Controller
23	Sensor Sub-assy
24	Drain Hose
25	Electric Box Assy

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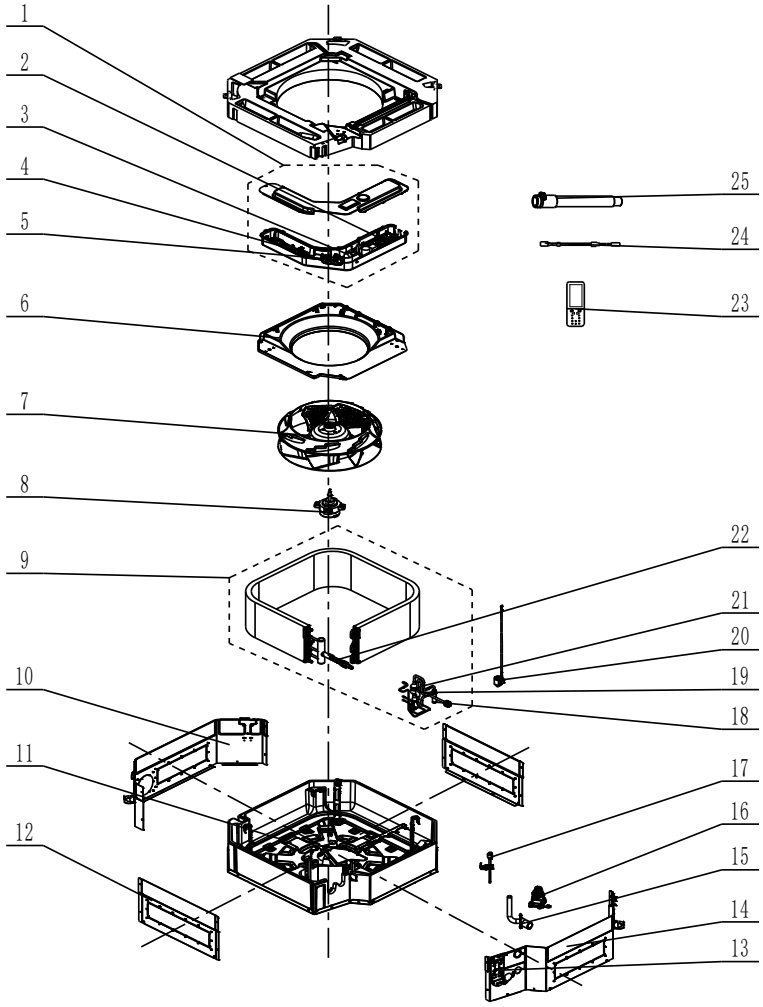
Exploded View of GMV-ND50T/C-T:

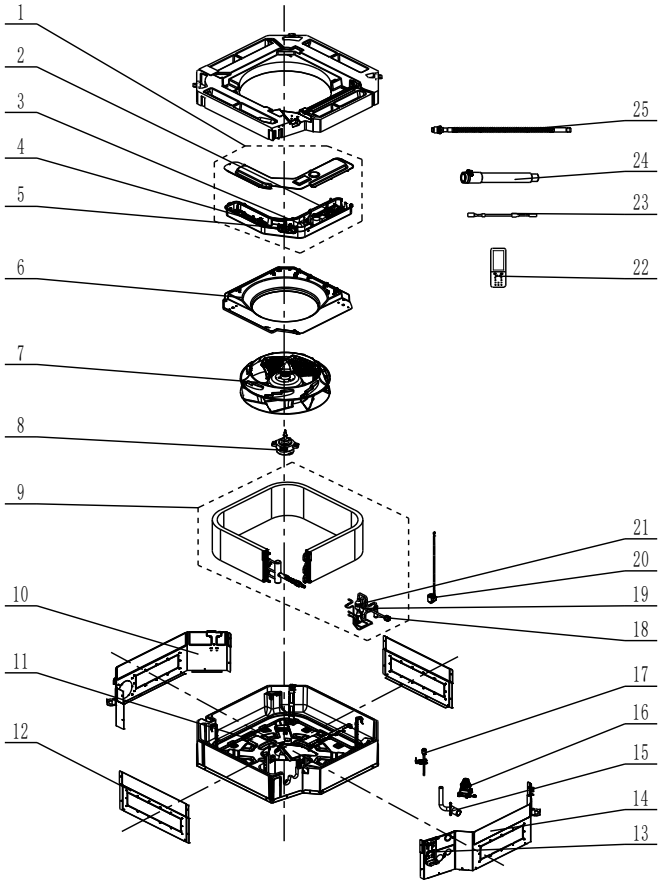


No.	Name of part
1	Electric Box Assy
2	Main Board
3	Filter Board
4	Terminal Board
5	Terminal Board
6	Diversion Circle
7	Centrifugal Fan
8	Brushless DC Motor
9	Evaporator Assy
10	Side Plate 1
11	Seat Board Sub-Assy
12	Side Plate 3
13	Body Installing Plate

No.	Name of part
14	Side Plate 2
15	Drainage Pipe Sub-assy
16	Water Pump
17	Liquid Level Switch
18	Electronic Expansion Valve
19	Strainer
20	Electric Expand Valve Fitting
21	Strainer
22	Corrugated Pipe
23	Remote Controller
24	Sensor Sub-assy
25	Drain Hose

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND56T/C-T,GMV-ND63T/C-T,GMV-ND71T/C-T:

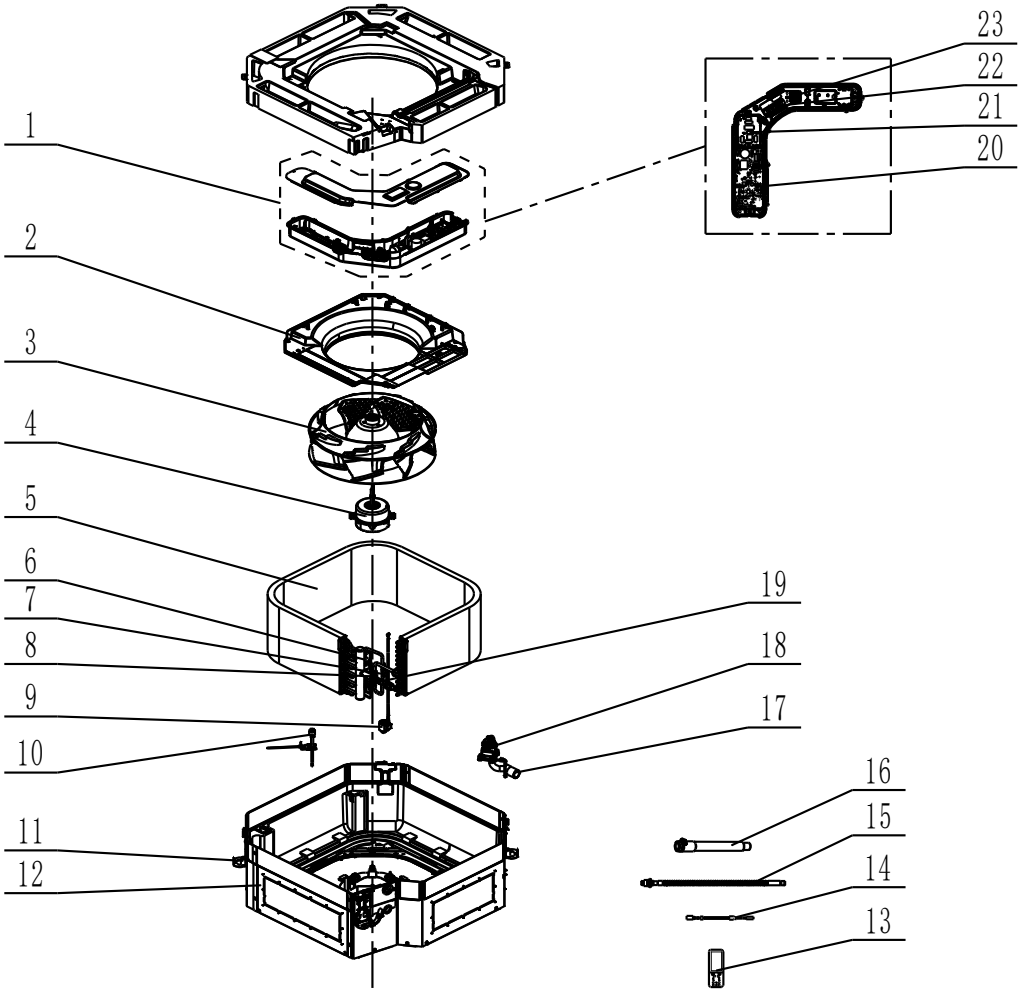


No.	Name of part
1	Electric Box Assy
2	Main Board
3	Filter Board
4	Terminal Board
5	Terminal Board
6	Diversion Circle
7	Centrifugal Fan

No.	Name of part
8	Brushless DC Motor
9	Evaporator Assy
10	Side Plate 1
11	Seat Board Sub-Assy
12	Side Plate 3
13	Body Installing Plate
14	Side Plate 2
15	Drainage Pipe Sub-assy
16	Water Pump
17	Liquid Level Switch
18	Electronic Expansion Valve
19	Strainer
20	Electric Expand Valve Fitting
21	Strainer
22	Remote Controller
23	Sensor Sub-assy
24	Drain Hose
25	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

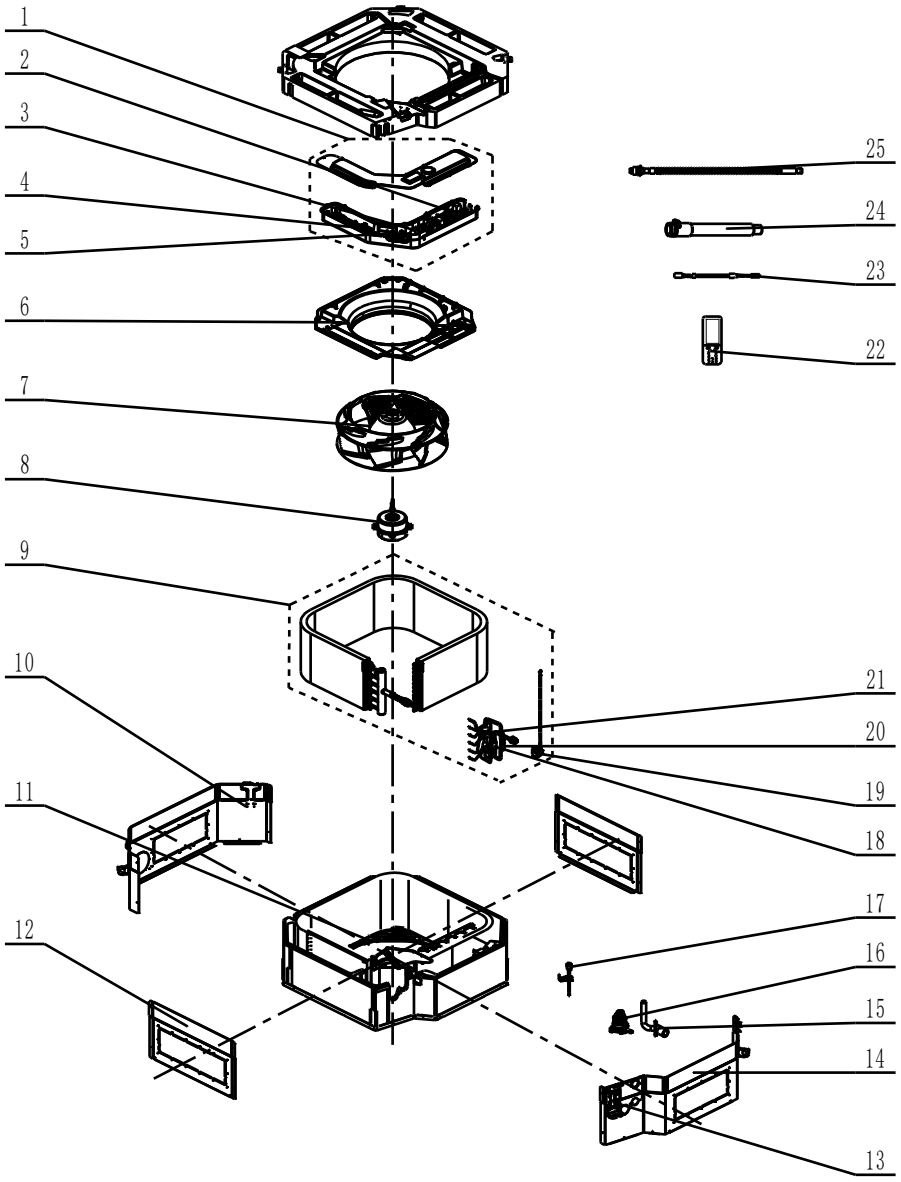
Exploded View of GMV-ND80T/C-T,GMV-ND90T/C-,GMV-ND100T/C-T:



No.	Name of part
1	Electric Box Assy
2	Diversion Circle
3	Centrifugal Fan
4	Brushless DC Motor
5	Evaporator Assy
6	Strainer
7	Electronic Expansion Valve
8	Strainer
9	Electric Expand Valve Fitting
10	Liquid Level Switch
11	Body Installing Plate
12	Seat Board Sub-Assy
13	Remote Controller
14	Sensor Sub-Assy
15	Corrugated Pipe
16	Drain Hose
17	Drainage Pipe Sub-Assy
18	Water Pump
19	Corrugated Pipe
20	Main Board
21	Filter Board
22	Terminal Board
23	Terminal Board

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND112T/C-T,GMV-ND125T/C-T,GMV-ND140T/C-T:

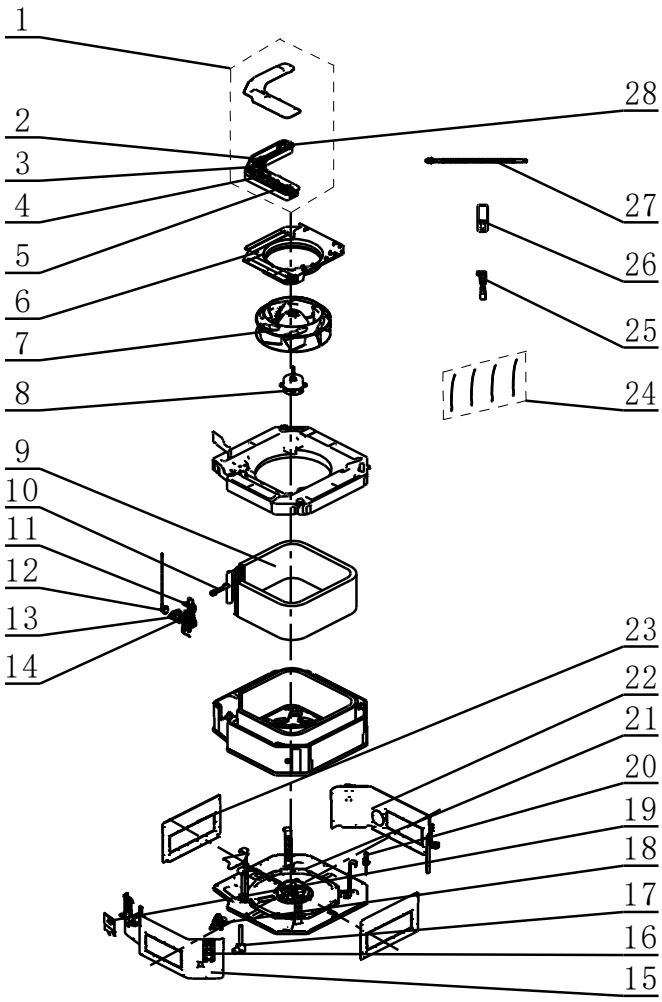


No.	Name of part
1	Electric Box Assy
2	Main Board
3	Filter Board
4	Terminal Board
5	Terminal Board
6	Diversion Circle
7	Centrifugal Fan
8	Brushless DC Motor
9	Evaporator Assy
10	Side Plate 1
11	Seat Board Sub-Assy
12	Side Plate 3
13	Body Installing Plate
14	Side Plate 2
15	Drainage Pipe Sub-assy
16	Water Pump

No.	Name of part
17	Liquid Level Switch
18	Strainer
19	Electric Expand Valve Fitting
20	Electronic Expansion Valve
21	Strainer
22	Remote Controller
23	Sensor Sub-assy
24	Drain Hose
25	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND160T/C-T:

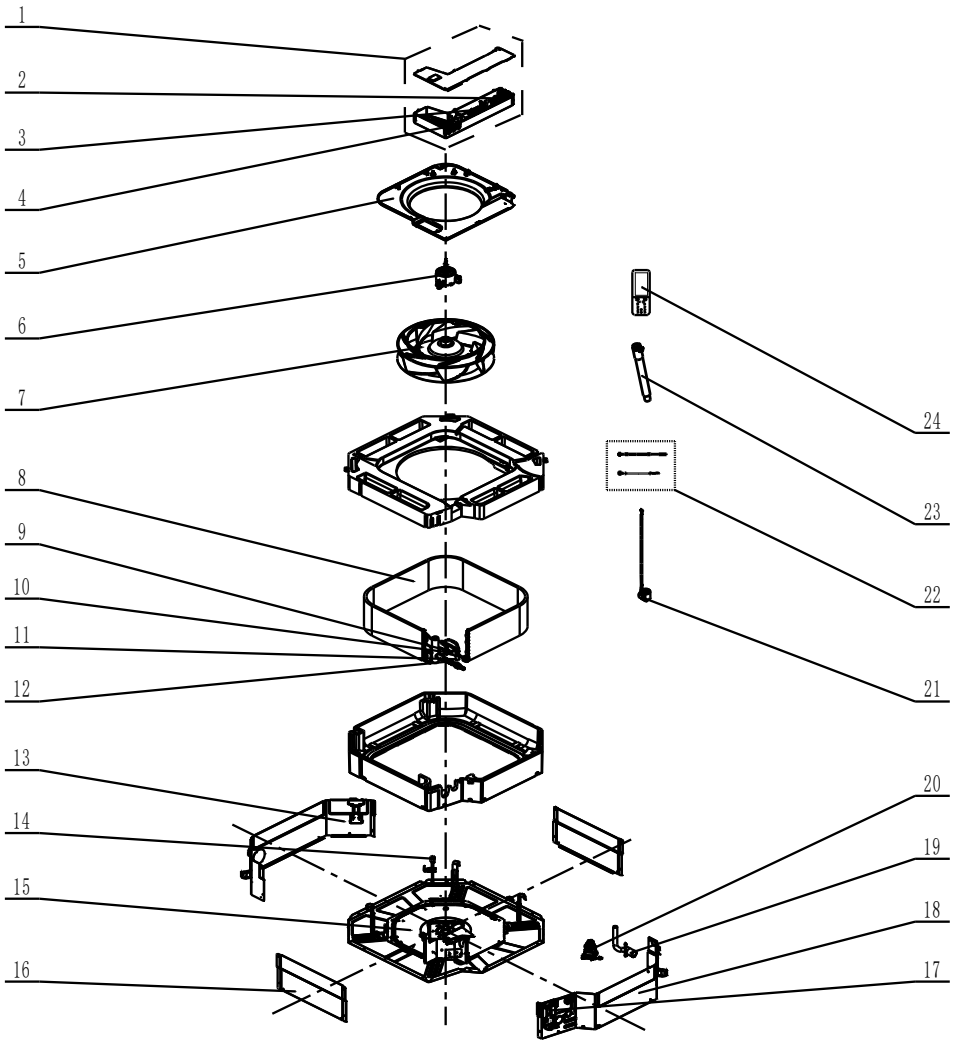


No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Terminal Board
4	Filter Board
5	Main Board
6	Diversion Circle
7	Centrifugal Fan
8	Brushless DC Motor

No.	Name of part
9	Evaporator Sub-Assy
10	Corrugated Pipe
11	Strainer
12	Electric Expand Valve Fitting
13	Strainer
14	Electronic Expansion Valve
15	Side Plate 2
16	Body Installing Plate
17	Drainage Pipe Sub-assy
18	Water Pump
19	Seal plate
20	Liquid Level Switch
21	Seat Board Sub-Assy
22	Side Plate 1
23	Side Plate 3
24	Sensor Sub-assy
25	Drain Hose
26	Remote Controller
27	Corrugated Pipe
28	Filter Board

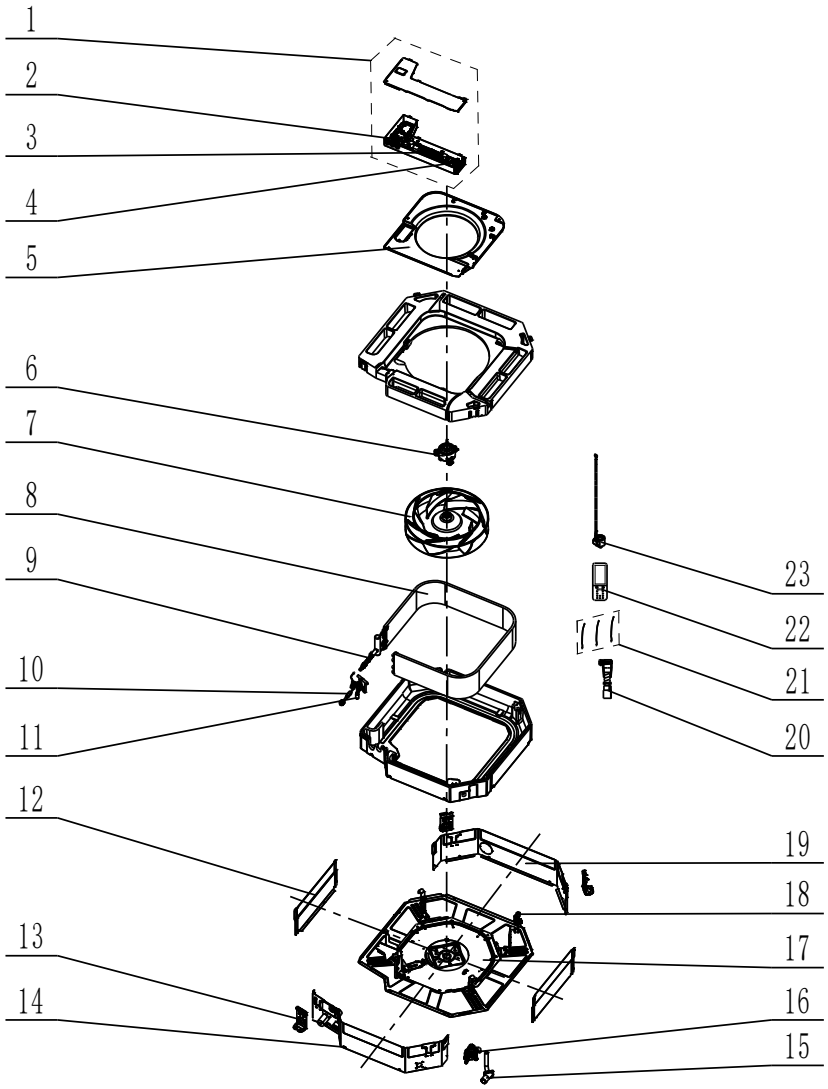
Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND22T/C1-T,GMV-ND28T/C1-T,GMV-ND36T/C1-T:



No.	Name of part	For the following unit		For the following unit	
		Unit	Product Code	Unit	Product Code
		GMV-ND22T/C1-T	CM500N1850	GMV-ND36T/C1-T	CM500N1820
		GMV-ND28T/C1-T	CM500N1860	-	-
		Part code	Quantity	Part code	Quantity
1	Electric Box Assy	100002071821	1	100002071821	1
2	Terminal Board	42200006005404	1	42200006005404	1
3	Main Board	300002061986	1	300002061986	1
4	Terminal Board	42000100000204	1	42000100000204	1
5	Diversion Circle	200150060006	1	200150060006	1
6	Brushless DC Motor	15010406001201	1	15010406001201	1
7	Centrifugal Fan	103003060016	1	103003060016	1
8	Evaporator Assy	011001062102	1	011001062151	1
9	Strainer	035021060019	1	035021060019	1
10	Strainer	07213050	1	07213050	1
11	Electronic Expansion Valve	07334463	1	07334463	1
12	Corrugated Pipe	035030000008	1	035030000008	1
13	Side Plate	012010060371	1	012010060371	1
14	Liquid Level Switch	4502021601	1	4502021601	1
15	Seat Board Sub-Assy	017080060112	1	017080060112	1
16	Side Plate	012010060370	2	012010060370	2
17	Body Installing Plate	01332701	4	01332701	4
18	Side Plate	012010060372	1	012010060372	1
19	Drainage Pipe Sub-assy	2690940005501	1	2690940005501	1
20	Water Pump	43138000058	1	43138000058	1
21	Electric Expand Valve Fitting	4304413215	1	4304413215	1
22	Sensor Sub-assy	390002060106	1	390002060106	1
23	Drain Hose	05232044	1	05232044	1
24	Remote Controller	30510589	1	30510589	1

Exploded View of GMV-ND45T/C1-T, GMV-ND50T/C1-T:

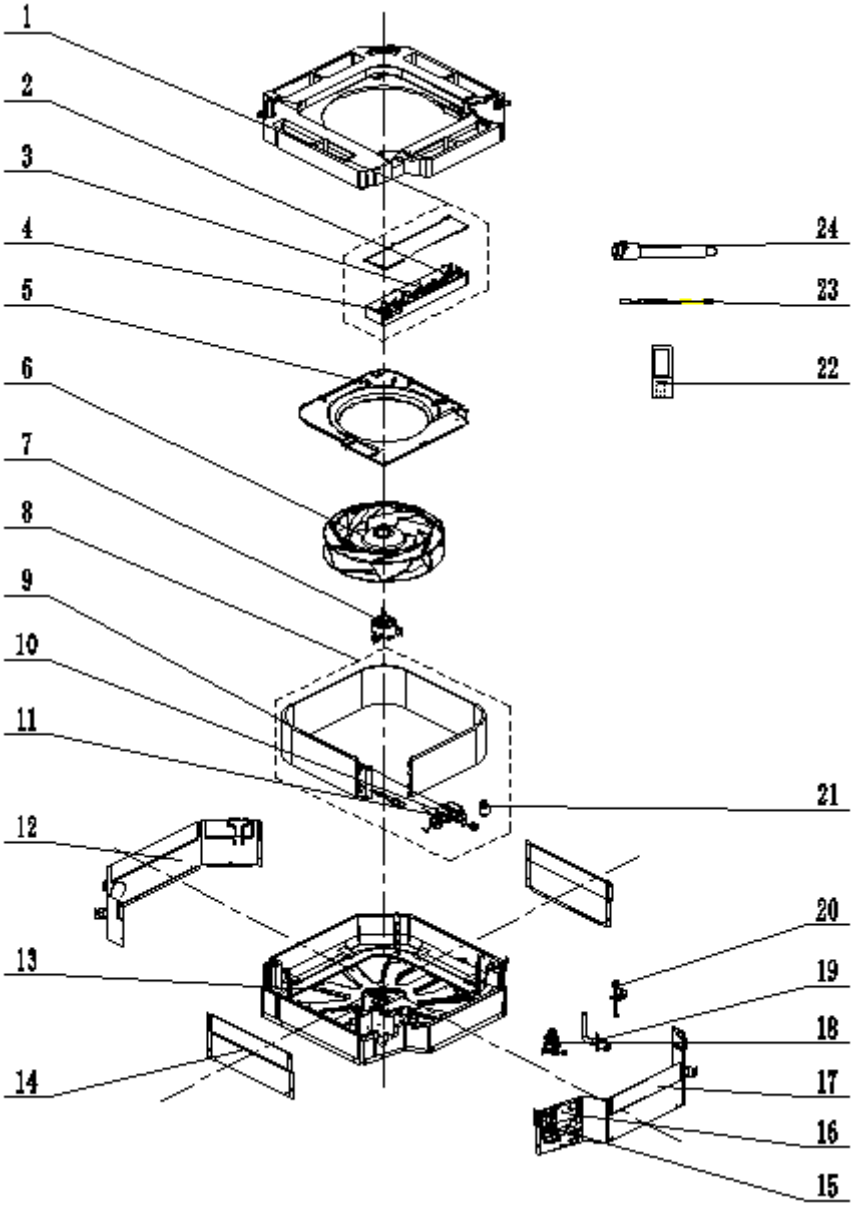


No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND45T/C1-T	CM500N1730
		GMV-ND50T/C1-T	CM500N1720
		Part code	Quantity
1	Electric Box Assy	100002071821	1
2	Terminal Board	42000100000204	1
3	Main Board	300002061986	1
4	Terminal Board	42200006005404	1
5	Diversion Circle	200150060006	1
6	Brushless DC Motor	15010406001201	1
7	Centrifugal Fan	103003060016	1
8	Evaporator Assy	011001060984	1
9	Corrugated Pipe	035030000008	1
10	Strainer	07213050	1
11	Electronic Expansion Valve	072009000006	1
12	Side Plate	012010060370	2
13	Body Installing Plate	01332701	4
14	Side Plate	012010060372	1
15	Drainage Pipe Sub-assy	2690940005501	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-ND45T/C1-T	CM500N1730
		GMV-ND50T/C1-T	CM500N1720
		Part code	Quantity
16	Water Pump	43138000058	1
17	Seat Board Sub-Assy	017080060112	1
18	Liquid Level Switch	4502021602	1
19	Side Plate	012010060371	1
20	Drain Hose	05232044	1
21	Sensor Sub-assy	390002060106	1
22	Remote Controller	30510589	1
23	Electric expand valve fitting	43040001	1

Above data is subject to change without notice, pls reference the SP in global service website.

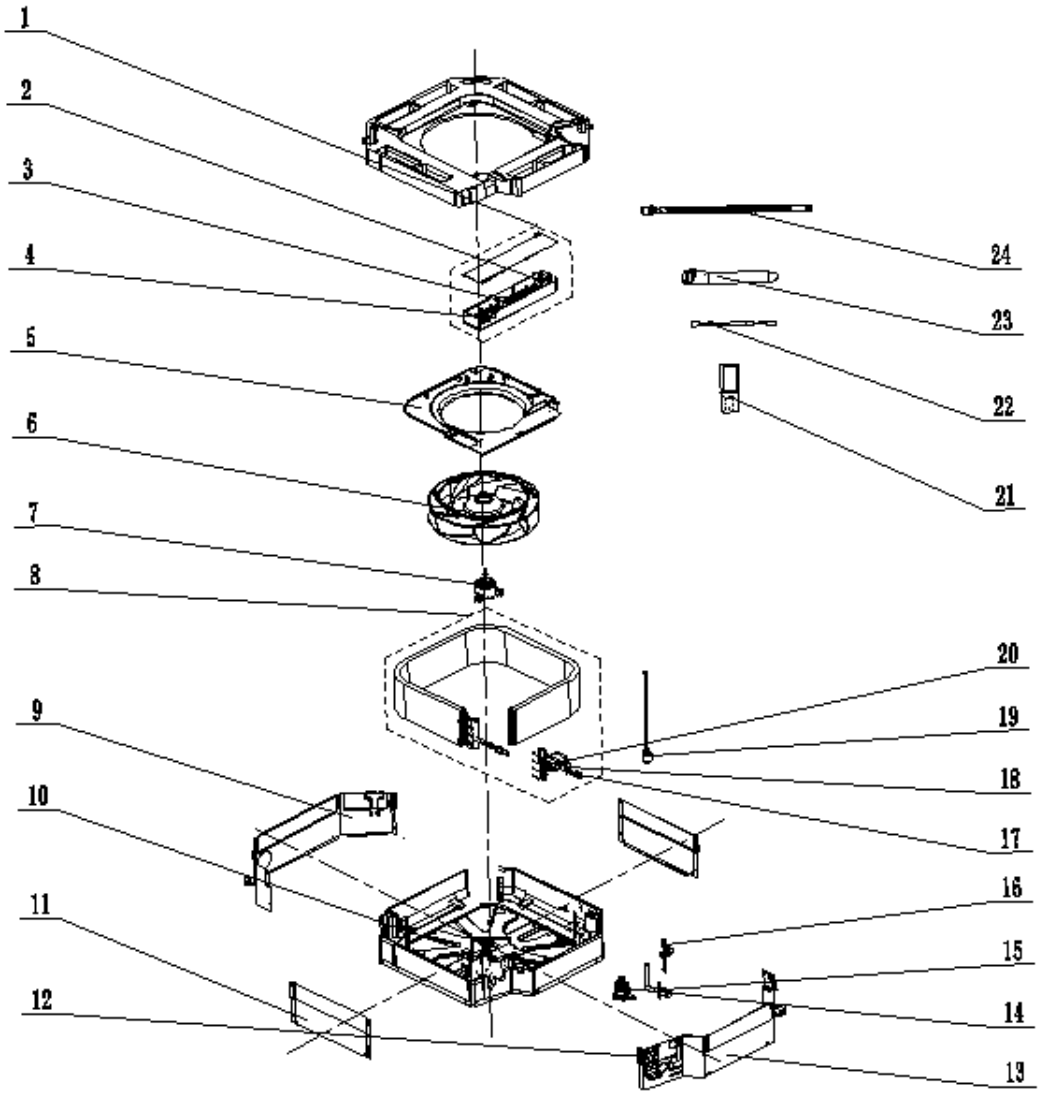
Exploded View of GMV-ND22T/D1-T, GMV-ND28T/D1-T, GMV-ND36T/D1-T, GMV-ND45T/D1-T, GMV-ND50T/D1-T:



No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board
4	Terminal Board
5	Diversion Circle
6	Brushless DC Motor
7	Centrifugal Fan
8	Evaporator Assy
9	Electronic Expansion Valve
10	Strainer
11	Strainer
12	Side Plate
13	Seat Board Sub-Assy
14	Side Plate
15	Body Installing Plate
16	Seal plate Assy
17	Side Plate
18	Water Pump
19	Drainage Pipe Sub-assy
20	Liquid Level Switch
21	Electric Expand Valve Fitting
22	Remote Controller
23	Sensor Sub-assy
24	Drain Hose

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View Of GMV-ND56T/D1-T,GMV-ND63T/D1-T,GMV-ND71T/D1-T:

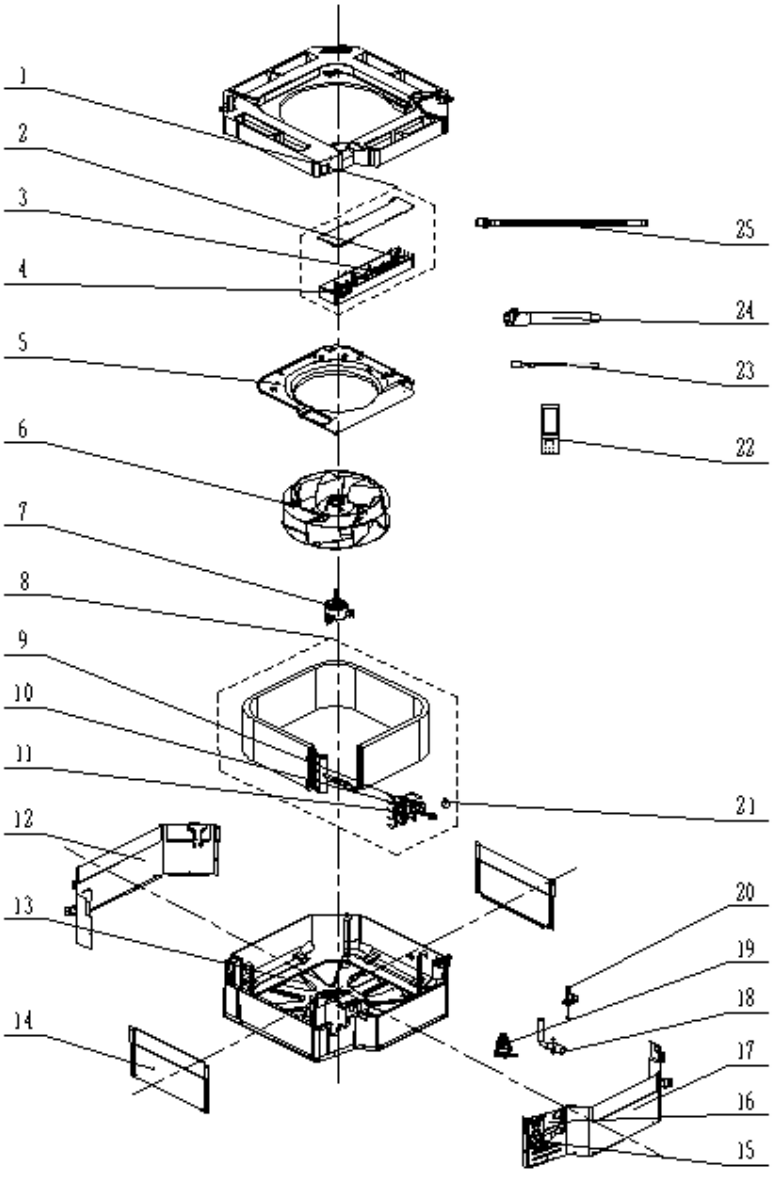


No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board
4	Terminal Board
5	Diversion Circle
6	Centrifugal Fan
7	Brushless DC Motor
8	Evaporator Assy
9	Side Plate
10	Seat Board Sub-Assy
11	Side Plate
12	Body Installing Plate
13	Side Plate
14	Water Pump
15	Drainage Pipe Sub-assy
16	Liquid Level Switch
17	Electric Expand Valve
18	Strainer

No.	Name of part
19	Electric Expand Valve Fitting
20	Strainer
21	Remote Controller
22	Sensor Sub-assy
23	Drain Hose
24	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View Of GMV-ND80T/D1-T,GMV-ND90T/D1-T,GMV-ND100T/D1-T,GMV-ND112T/D1-T:

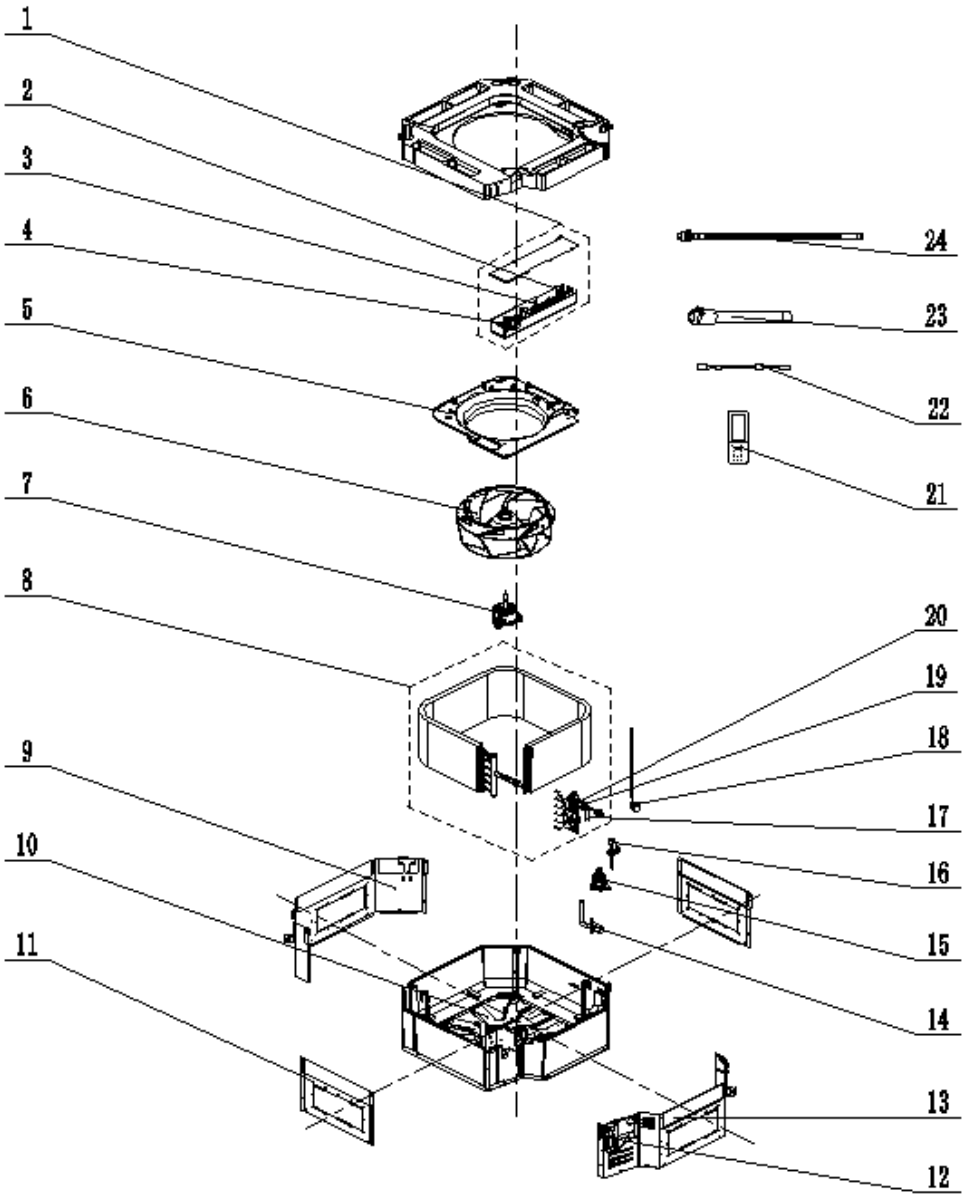


No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board
4	Terminal Board
5	Diversion Circle
6	Centrifugal Fan

No.	Name of part
7	Brushless DC Motor
8	Evaporator Assy
9	Electric Expand Valve Fitting
10	Strainer
11	Strainer A
12	Side Plate 1
13	Seat Board Sub-Assy
14	Side Plate
15	Body Installing Plate
16	Seal Plate Assy
17	Side Plate
18	Drainage Pipe Sub-assy
19	Water Pump
20	Liquid Level Switch
21	Electric Expand Valve Fitting
22	Remote Controller
23	Sensor Sub-assy
24	Drain Hose
25	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View Of GMV-ND125T/D1-T，GMV-ND140T/D1-T:

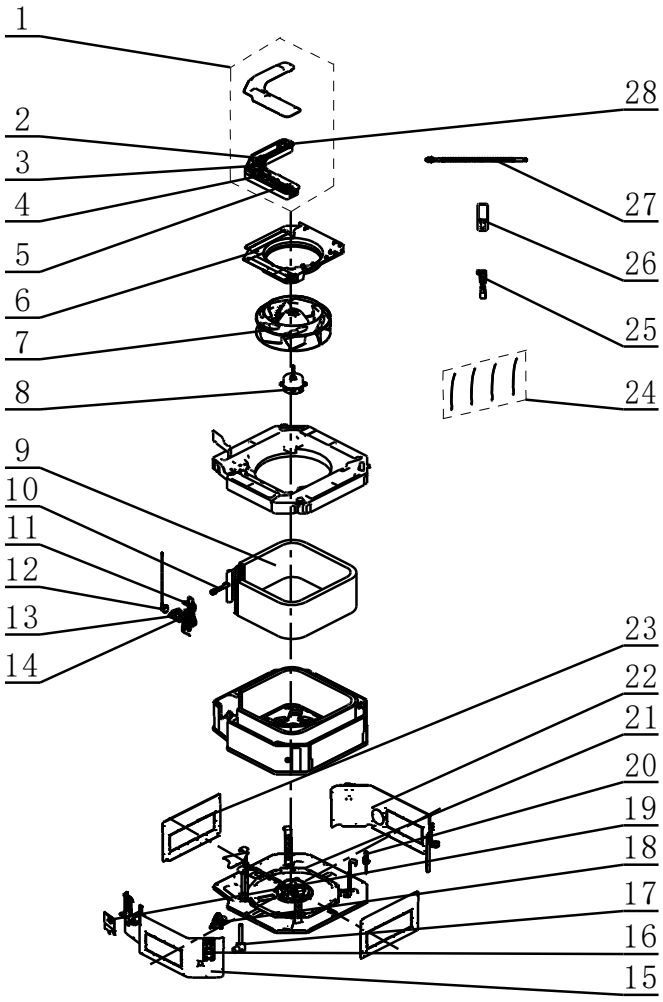


No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board
4	Terminal Board
5	Diversion Circle
6	Centrifugal Fan
7	Brushless DC Motor
8	Evaporator Assy
9	Side Plate
10	Seat Board Sub-Assy
11	Side Plate
12	Body Installing Plate
13	Side Plate
14	Drainage Pipe Sub-assy
15	Water Pump

No.	Name of part
16	Liquid Level Switch
17	Electric Expand Valve
18	Electric Expand Valve Fitting
19	Strainer
20	Strainer
21	Remote Controller
22	Sensor Sub-assy
23	Drain Hose
24	Corrugated Pipe

Above data is subject to change without notice, pls reference the SP in global service website.

Exploded View of GMV-ND160T/D1-T:



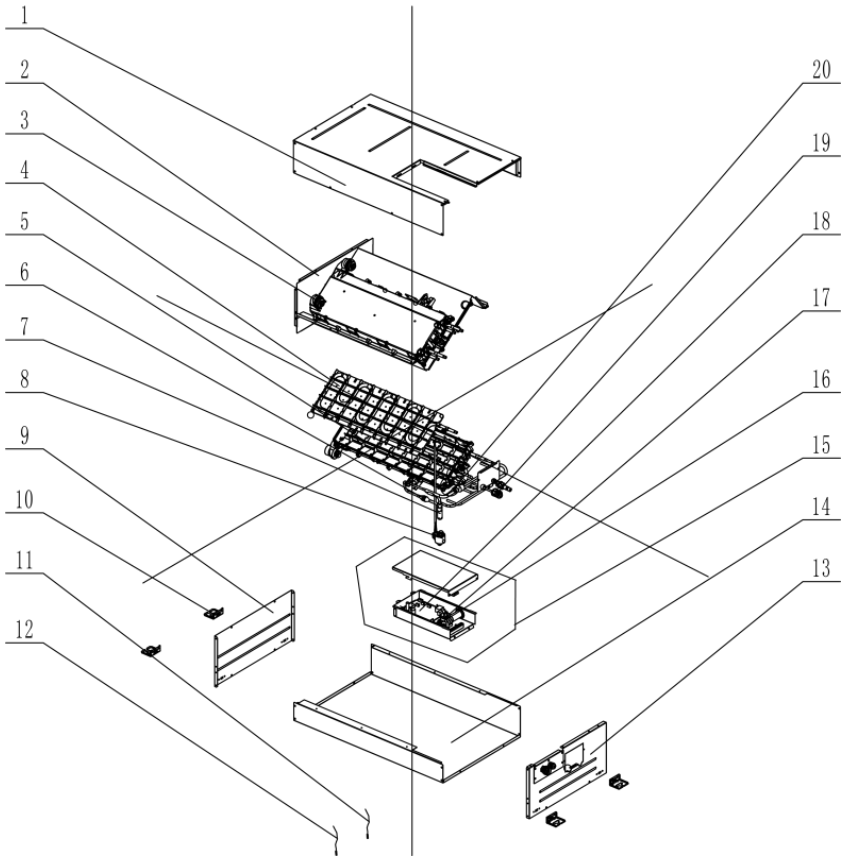
No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Terminal Board
4	Filter Board
5	Main Board
6	Diversion Circle
7	Centrifugal Fan
8	Brushless DC Motor

No.	Name of part
9	Evaporator Sub-Assy
10	Corrugated Pipe
11	Strainer
12	Electric Expand Valve Fitting
13	Strainer
14	Electronic Expansion Valve
15	Side Plate 2
16	Body Installing Plate
17	Drainage Pipe Sub-assy
18	Water Pump
19	Seal plate
20	Liquid Level Switch
21	Seat Board Sub-Assy
22	Side Plate 1
23	Side Plate 3
24	Sensor Sub-assy
25	Drain Hose
26	Remote Controller
27	Corrugated Pipe
28	Filter Board

Above data is subject to change without notice, pls reference the SP in global service website.

5.18 Heat Storage Module

Exploded View of XRZ180L/A-T

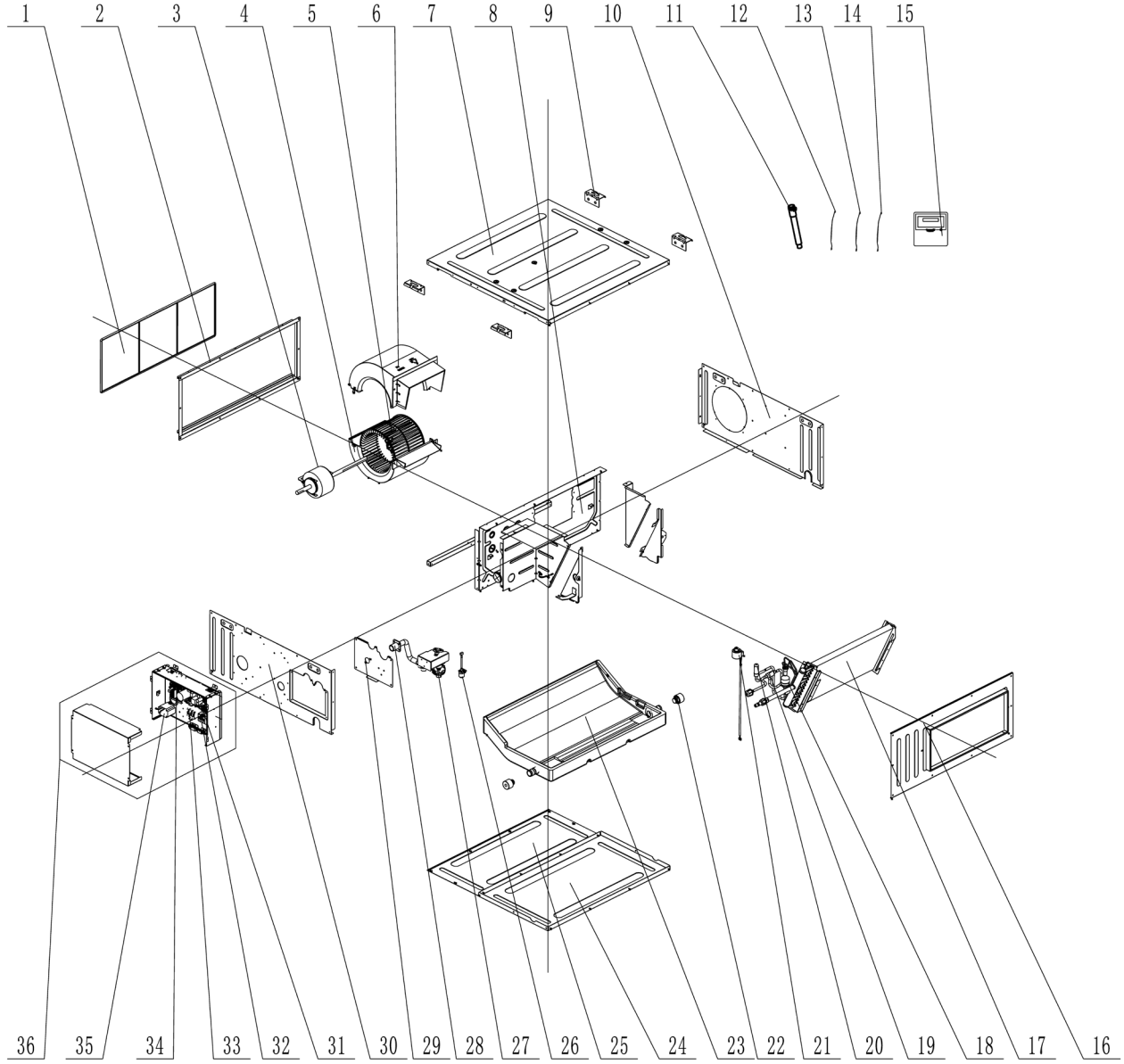


No.	Name of part	For the following unit	
		Unit	Product Code
		XRZ180L/A-T	CM810N2250
		Part code	Quantity
1	Top Cover	012148060003	1
2	Base Frame	012252060002	1
3	Compressor Gasket	76713066	1
4	Heat Accumulator Sub-assy	32005002	1
5	Heat Accumulator Sub-assy	32005003	1
6	Strainer	0721304401	1
7	Electronic Expansion Valve	07334466	1
8	Electric Expand Valve Fitting	4304413252	1
9	Right Side Plate	012056060003	1
10	Hook	0220410001201	1
11	Temperature Sensor	390001060013	1
12	Temperature Sensor	390001060011	1
13	Left Side Plate	012055060004	1
14	Bottom Cover Plate	012147060005	1
15	Electric Box Assy	100002071026	1
16	Terminal Board	42011106	1
17	Terminal Board	420001000019	1
18	Main Board	300002000795	1
19	Sealing Cap(Pressure Warning)	26112192	1
20	Strainer A	0721002201	1

Above data is subject to change without notice, pls reference the SP in global service website.

5.19 High Static Pressure Duct Type Indoor Unit

Exploded View of GMV-ND22PHS/D-T, GMV-ND25PHS/D-T, GMV-ND28PHS/D-T, GMV-ND32PHS/D-T, GMV-ND36PHS/D-T:

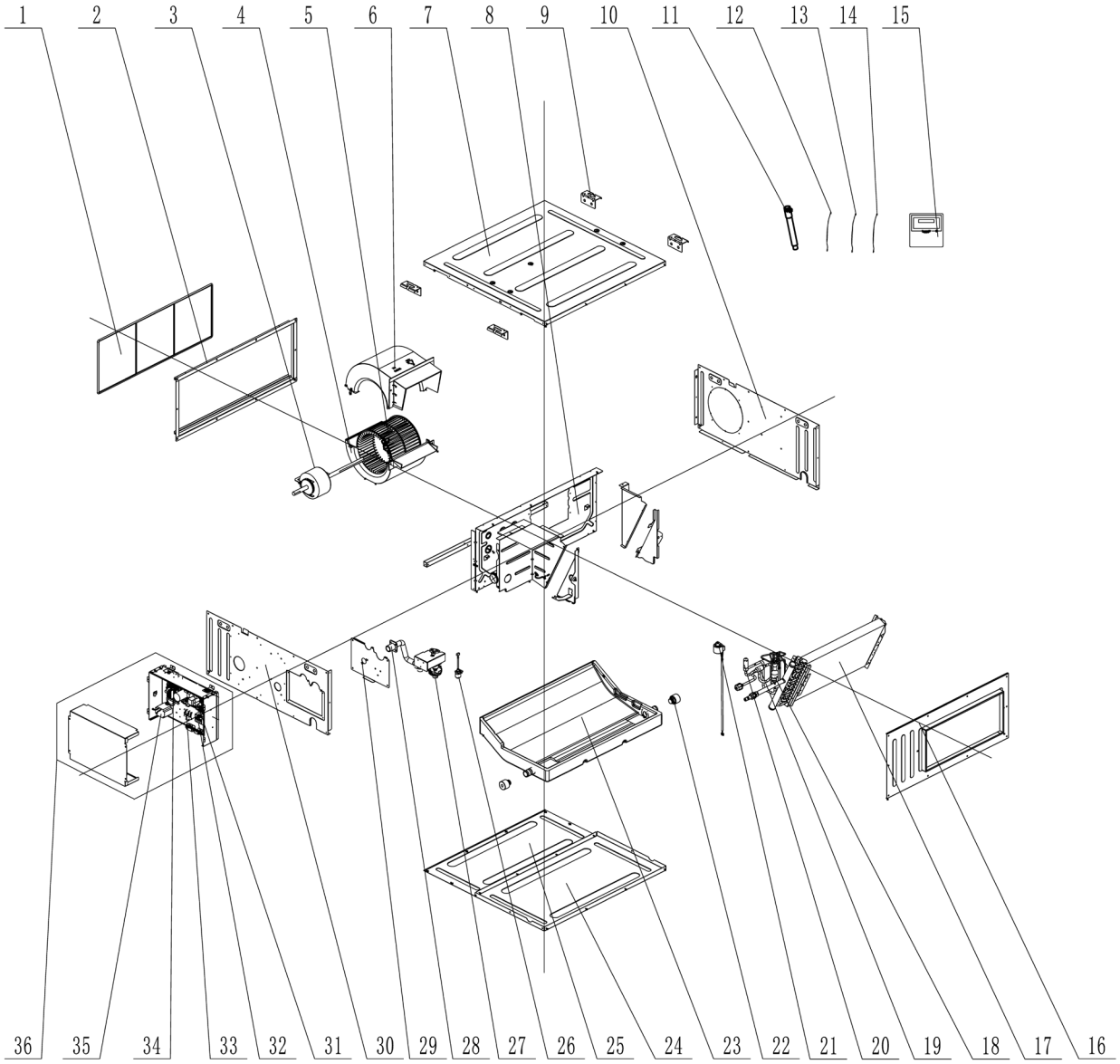


No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Brushless DC Motor
4	Propeller Housing(Lower)
5	Centrifugal Fan
6	Propeller Housing(Upper)
7	Top Cover
8	Blower Mounting Plate Sub-Assy
9	Hook
10	Right Side Plate
11	Drain Hose

No.	Name of part
12	Temperature Sensor
13	Temperature Sensor
14	Temperature Sensor
15	Display Board
16	Air Outlet Frame Sub-assy
17	Evaporator Assy
18	Strainer
19	Strainer
20	Electronic Expansion Valve
21	Electric Expand Valve Fitting
22	Choke Plug of Drain Pipe
23	Foam Sub-assy
24	Bottom Cover Plate
25	Cover Of Air-In
26	Liquid Level Switch
27	Water Pump
28	Pump Drainpipe
29	Sealplate
30	Left Side Plate
31	Main Board
32	Terminal Board
33	Terminal board
34	Main Board
35	Inductance
36	Electric Box Assy

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND40PHS/D-T, GMV-ND45PHS/D-T, GMV-ND50PHS/D-T:

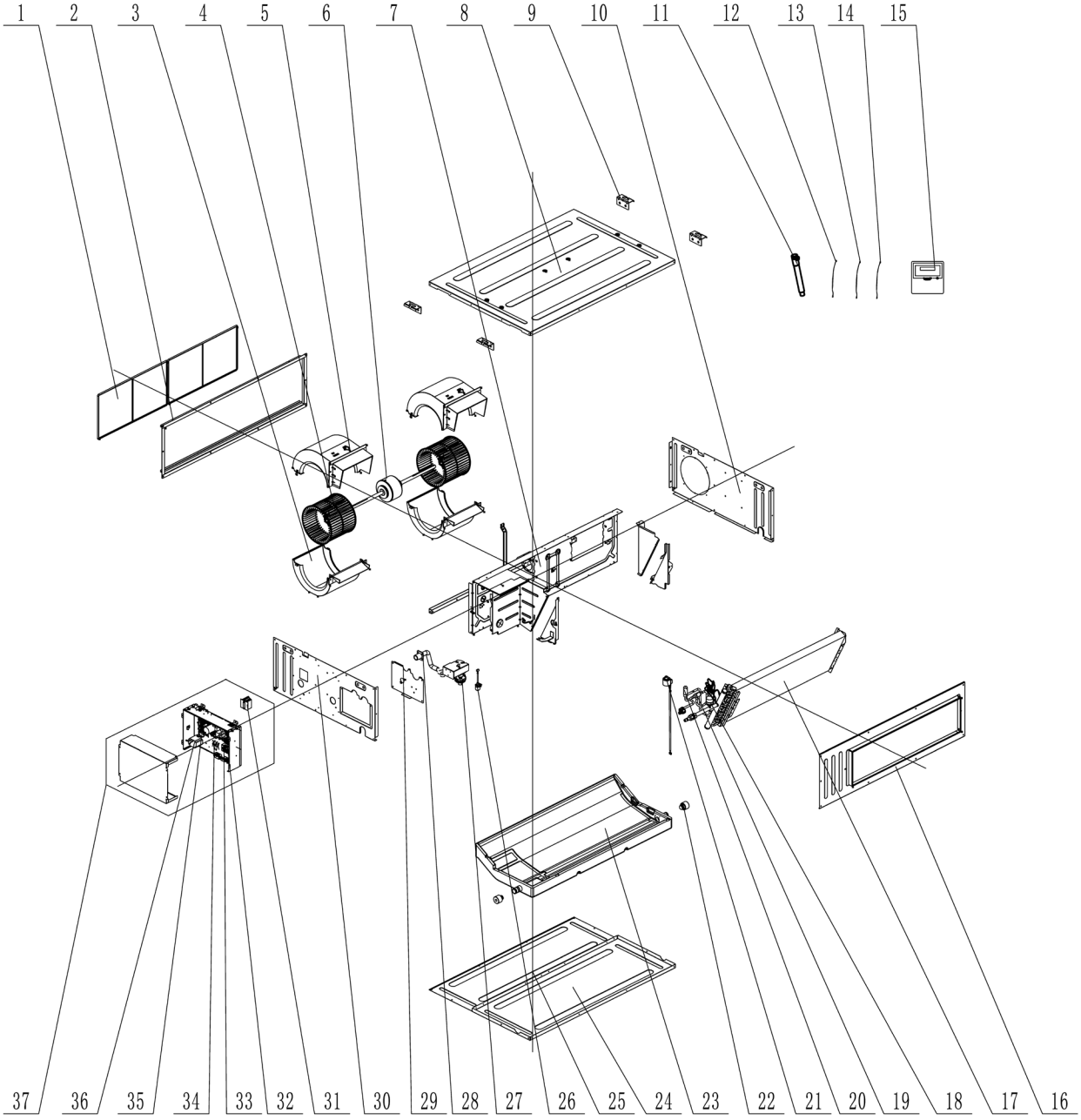


No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Brushless DC Motor
4	Propeller Housing(Lower)
5	Centrifugal Fan
6	Propeller Housing(Upper)
7	Top Cover
8	Blower Mounting Plate Sub-Assy
9	Hook
10	Right Side Plate
11	Drain Hose
12	Temperature Sensor
13	Temperature Sensor
14	Temperature Sensor
15	Display Board
16	Air Outlet Frame Sub-assy

No.	Name of part
17	Evaporator Assy
18	Strainer
19	Strainer
20	Electronic Expansion Valve
21	Electric Expand Valve Fitting
22	Choke Plug of Drain Pipe
23	Foam Sub-assy
24	Bottom Cover Plate
25	Cover Of Air-In
26	Liquid Level Switch
27	Water Pump
28	Pump Drainpipe
29	Sealplate
30	Left Side Plate
31	Main Board
32	Terminal Board
33	Terminal board
34	Main Board
35	Inductance
36	Electric Box Assy

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND56PHS/D-T, GMV-ND63PHS/D-T, GMV-ND71PHS/D-T, GMV-ND80PHS/D-T:

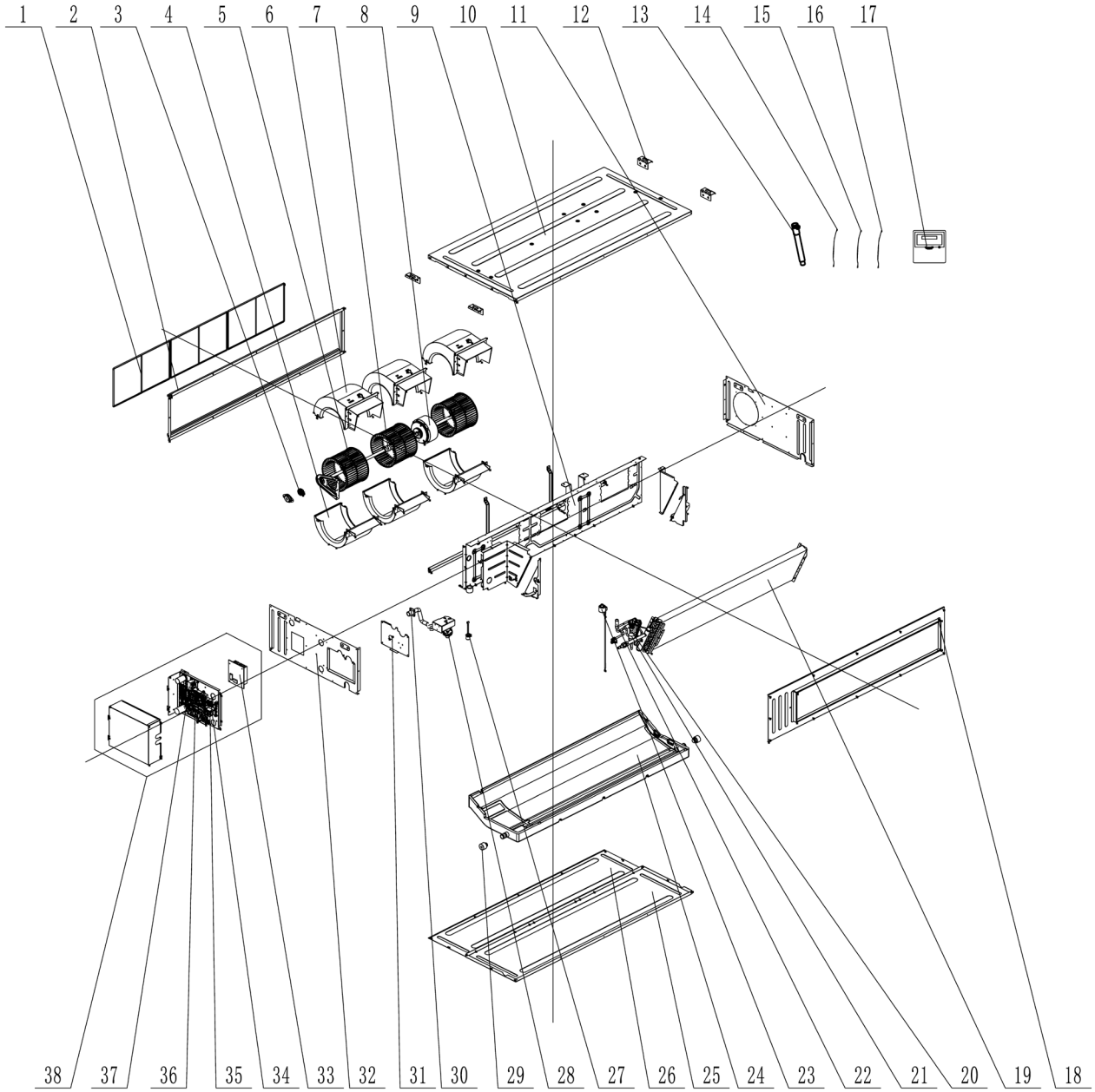


No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Propeller Housing(Lower)
4	Centrifugal Fan
5	Propeller Housing(Upper)
6	Brushless DC Motor
7	Blower Mounting Plate Sub-Assy
8	Top Cover
9	Hook
10	Right Side Plate
11	Drain Hose
12	Temperature Sensor

No.	Name of part
13	Temperature Sensor
14	Temperature Sensor
15	Display Board
16	Air Outlet Frame Sub-assy
17	Evaporator Assy
18	Strainer
19	Strainer
20	Electronic Expansion Valve
21	Electric Expand Valve Fitting
22	Choke Plug of Drain Pipe
23	Foam Sub-assy
24	Bottom Cover Plate
25	Cover Of Air-In
26	Liquid Level Switch
27	Water Pump
28	Pump Drainpipe
29	Sealplate
30	Left Side Plate
31	Radiator
32	Main Board
33	Terminal Board
34	Terminal board
35	Main Board
36	Inductance
37	Electric Box Assy

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND90PHS/D-T, GMV-ND100PHS/D-T, GMV-ND112PHS/D-T, GMV-ND125PHS/D-T, GMV-ND140PHS/D-T, GMV-ND160PHS/D-T:

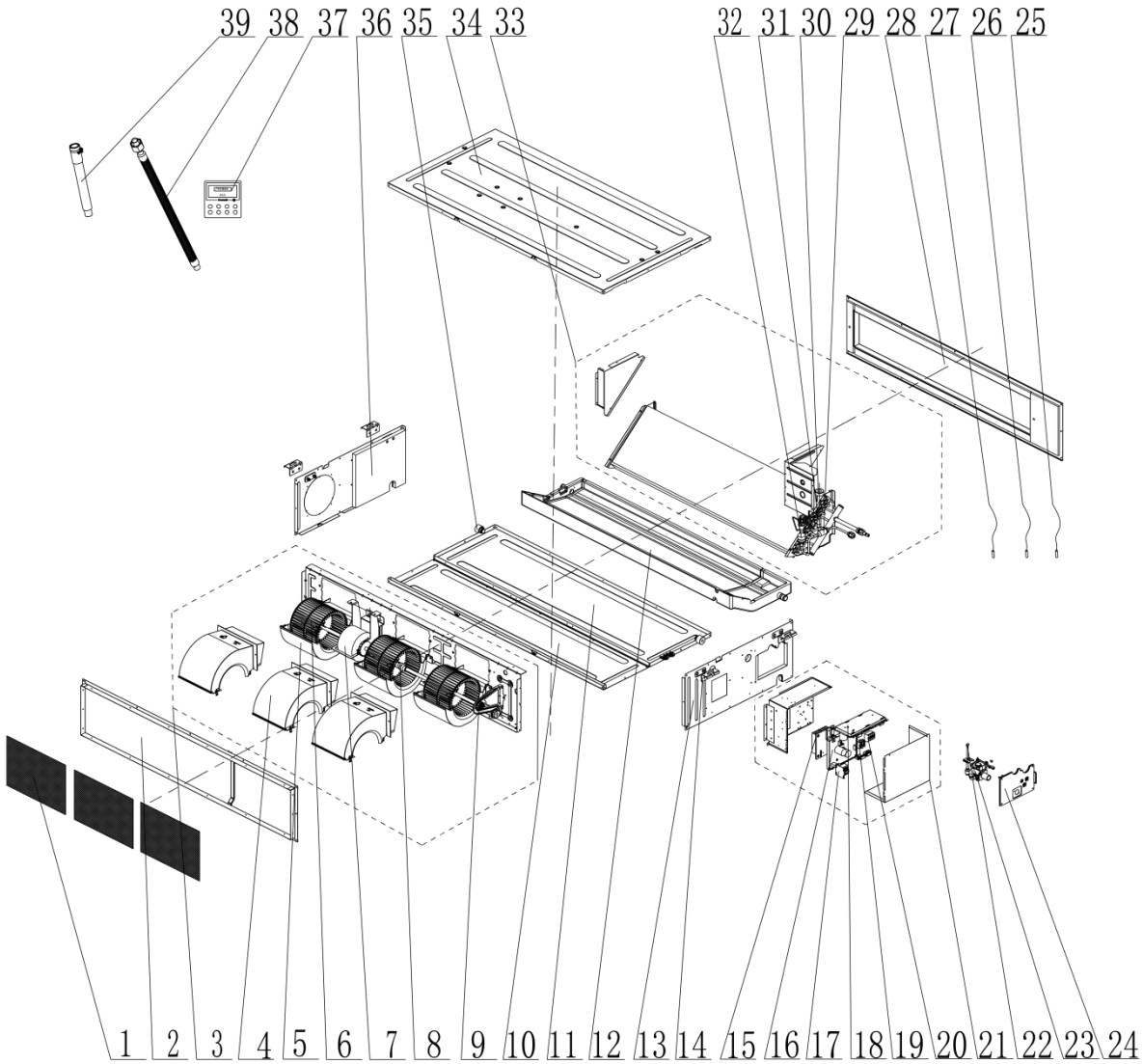


No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Bearing Holder Sub-assy
4	Propeller Housing(Lower)
5	Centrifugal Fan
6	Propeller Housing(Upper)
7	Joint Slack
8	Brushless DC Motor
9	Blower Mounting Plate Sub-Assy
10	Top Cover
11	Right Side Plate
12	Hook
13	Drain Hose

No.	Name of part
14	Temperature Sensor
15	Temperature Sensor
16	Temperature Sensor
17	Display Board
18	Air Outlet Frame Sub-assy
19	Evaporator Assy-
20	Strainer
21	Strainer
22	Electronic Expansion Valve
23	Electric Expand Valve Fitting
24	Foam Sub-assy
25	Bottom Cover Plate
26	Cover Plate(Air return)
27	Liquid Level Switch
28	Water Pump
29	Choke Plug of Drain Pipe
30	Pump Drainpipe
31	Sealplate
32	Left Side Plate
33	Radiator
34	Terminal Board
35	Terminal Board
36	Main Board
37	Reactor
38	Electric Box Assy

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND180PHS/D-T



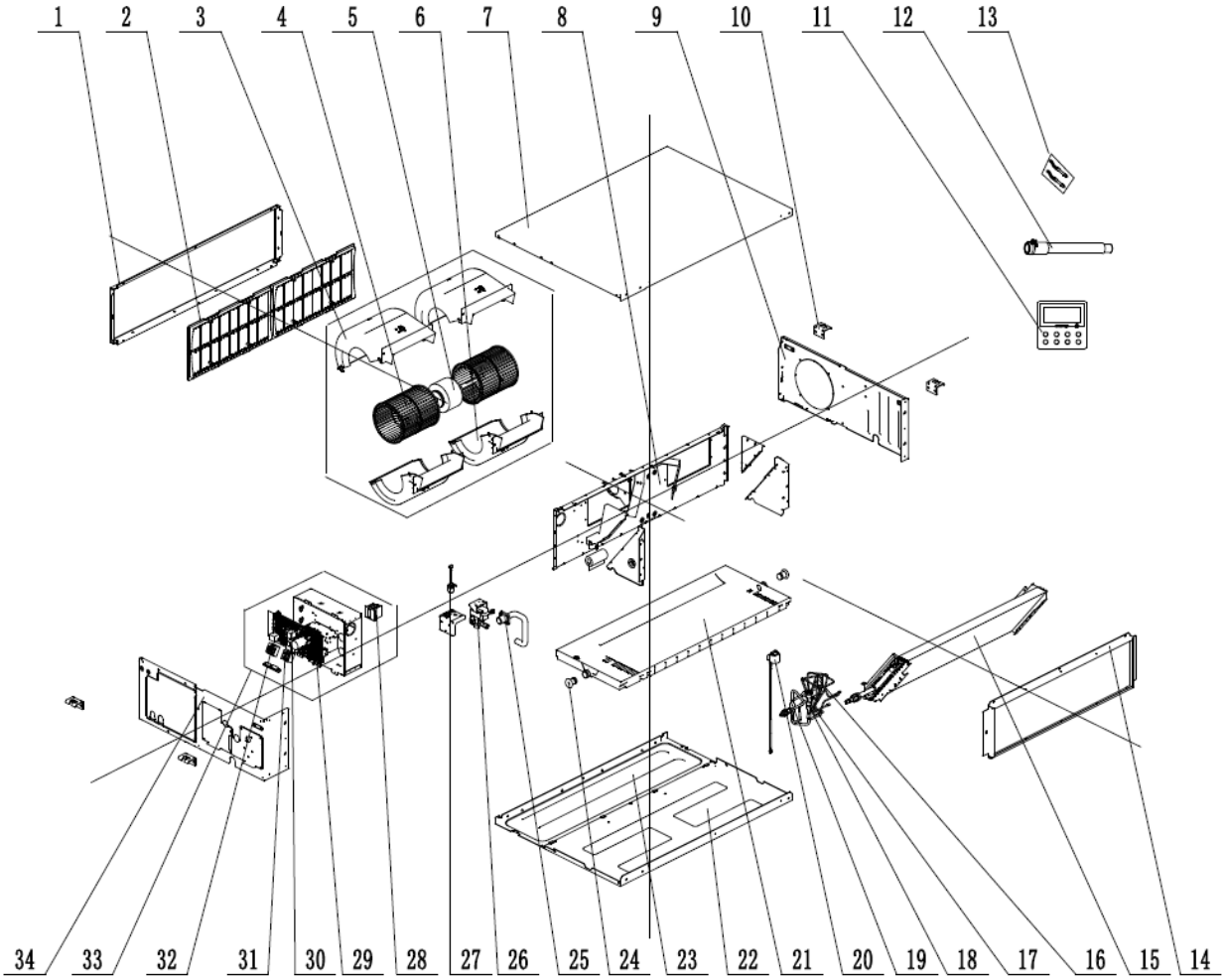
No.	Name of part
1	Filter Sub-Assy
2	Return Air Frame Sub-Assy
3	Centrifugal fan assy
4	Propeller Housing(Upper)
5	Propeller Housing(Lower)
6	Centrifugal Fan
7	Brushless DC Motor
8	Joint Slack
9	Fan Bearing
10	Cover Plate(Air return)
11	Bottom Cover Plate
12	Foam Sub-assy
13	Left Side Plate Assy
14	Hook
15	Radiator
16	Main Board
17	Reactor
18	Main Board

No.	Name of part
19	Terminal Board
20	Terminal Board
21	Electric Box Assy
22	Water Level Switch
23	Water Pump
24	Seal plate
25	Temperature Sensor
26	Temperature Sensor
27	Temperature Sensor
28	Air Outlet Frame Assy
29	Strainer
30	Electric Expand Valve Fitting
31	Electronic Expansion Valve
32	Strainer
33	Evaporator Assy
34	Top Cover Board Assy
35	Choke Plug of Drain Pipe
36	Right Side Plate Assy
37	Display Board
38	Corrugated Pipe
39	Drain Hose Sub-Assy

Above data is subject to change without notice, pls refer the SP in global service website.

5.20 Middle Static Pressure Duct Type Indoor Unit

Exploded View of GMV-ND56PMS/A1-T, GMV-ND63PMS/A1-T, GMV-ND71PMS/A1-T:

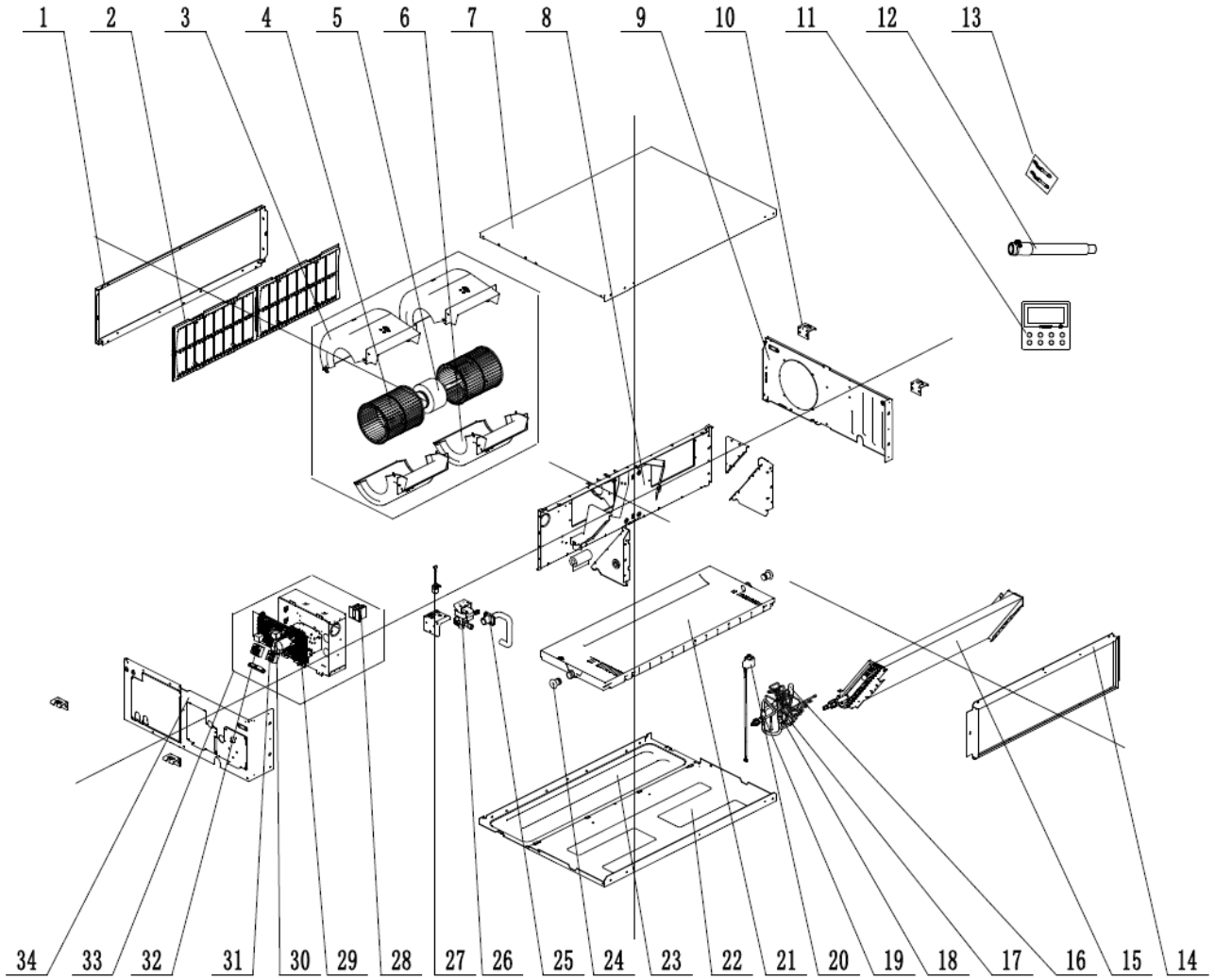


No.	Name of part
1	Air Intake Side Board Sub-assy
2	Filter Sub-Assy
3	Volute Casing
4	Centrifugal Fan
5	Brusheless DC Motor
6	Volute Casing
7	Top Cover
8	Blower Mounting Plate Sub-Assy
9	Right Side Plate
10	Hook
11	Display Board
12	Drain Hose
13	Sensor Sub-assy
14	Air Outlet Frame Assy
15	Evaportor Assy
16	Electronic Expansion Valve
17	Strainer
18	Strainer
19	Strainer
20	Electric Expand Valve Fitting

No.	Name of part
21	Water Tray Assy
22	Bottom Cover Plate
23	Cover Of Air-In
24	Rubber Plug
25	Drainage Pipe(Rubber)
26	Water Pump
27	Liquid Level Switch
28	Radiator
29	Main Board
30	Main Board
31	Terminal Board
32	Terminal Board
33	Electric Box Assy
34	Left Side Plate

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND80PMS/A1-T:

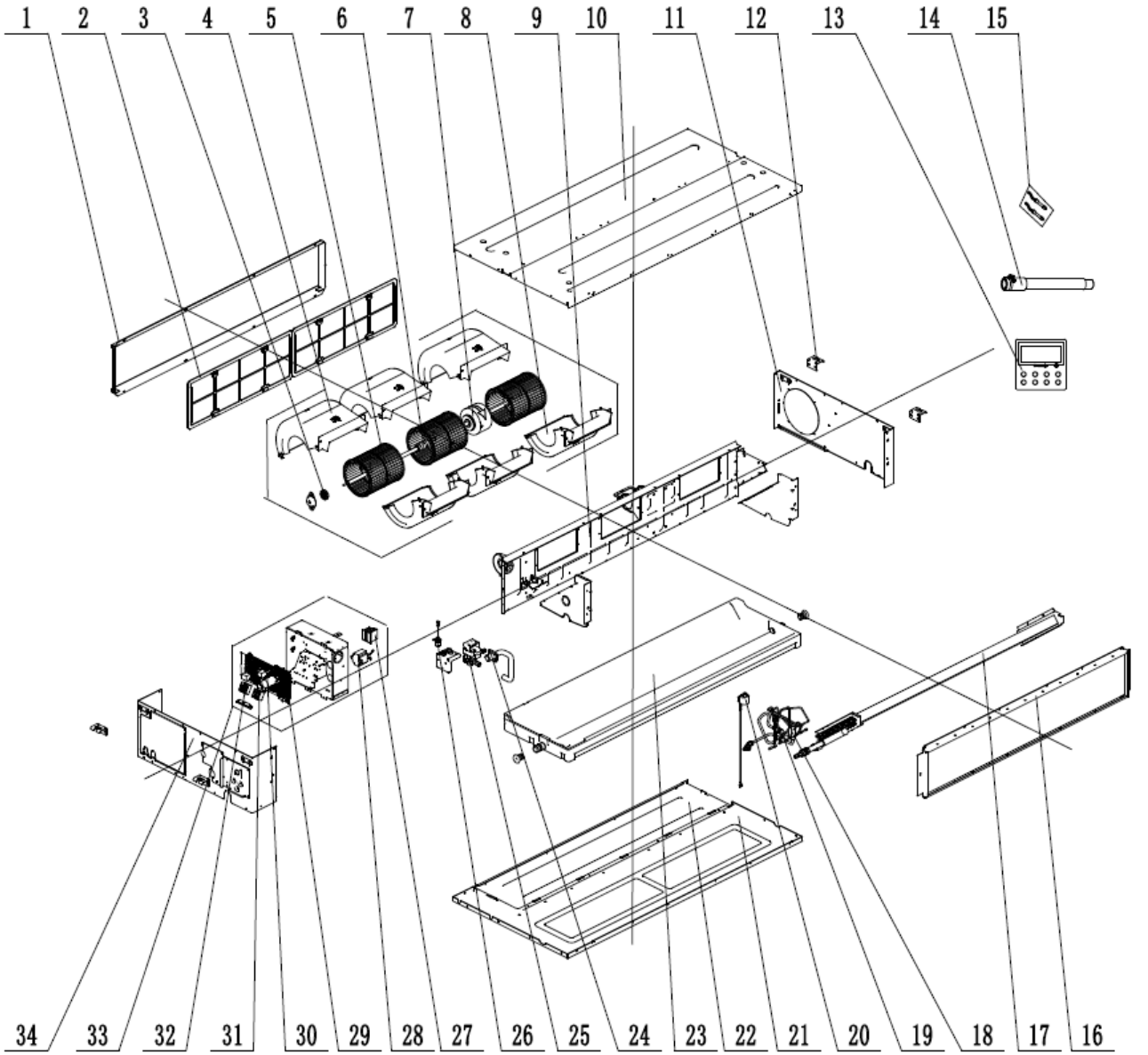


No.	Name of part
1	Air Intake Side Board Sub-assy
2	Filter Sub-Assy
3	Volute Casing

No.	Name of part
4	Centrifugal Fan
5	Brusheless DC Motor
6	Volute Casing
7	Top Cover
8	Blower Mounting Plate Sub-Assy
9	Right Side Plate
10	Hook
11	Display Board
12	Drain Hose
13	Sensor Sub-assy
14	Air Outlet Frame Assy
15	Evaportor Assy
16	Electronic Expansion Valve
17	Strainer
18	Strainer
19	Strainer
20	Electric Expand Valve Fitting
21	Water Tray Assy
22	Bottom Cover Plate
23	Cover Of Air-In
24	Rubber Plug
25	Drainage Pipe(Rubber)
26	Water Pump
27	Liquid Level Switch
28	Radiator
29	Main Board
30	Main Board
31	Terminal Board
32	Terminal Board
33	Electric Box Assy
34	Left Side Plate

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View of GMV-ND90PMS/A1-T、GMV-ND100PMS/A1-T、 GMV-ND112PMS/A1-T、GMV-ND125PMS/A1-T、GMV-ND140PMS/A1-T:



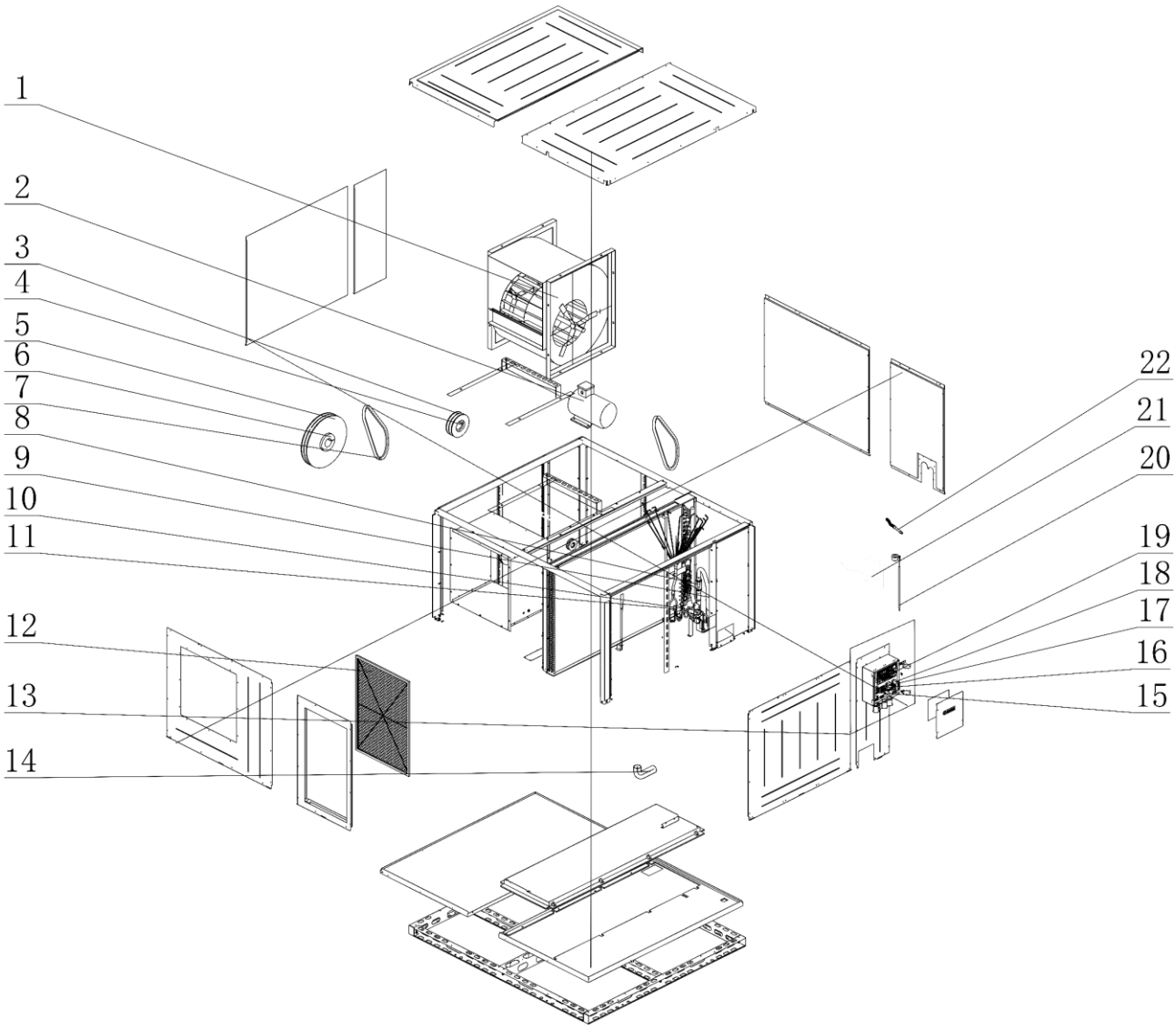
No.	Name of part
1	Air Intake Side Board Sub-assy
2	Filter Sub-Assy
3	Bearing Holder Sub-assy
4	Volute Casing
5	Centrifugal Fan
6	Joint Slack
7	Brusheless DC Motor
8	Volute Casing
9	Blower Mounting Plate Sub-Assy
10	Top Cover
11	Left Side Plate
12	Hook
13	Display Board
14	Drain Hose
15	Sensor Sub-assy

No.	Name of part
16	Border Plate of Air Outlet Sub-Assy
17	Evaportor Assy
18	Electronic Expansion Valve
19	Strainer
20	Electric Expand Valve Fitting
21	Bottom Cover Plate
22	Cover Of Air-In
23	Water Tray Assy
24	Drainage Pipe(Rubber)
25	Water Pump
26	Water Level Switch
27	Radiator
28	PFC inductor lead
29	Main Board
30	Main Board
31	Terminal Board
32	Terminal Board
33	Electric Box Assy
34	Right Side Plate

Above data is subject to change without notice, pls refer the SP in global service website.

5.21 VRF Rooftop Packaged Unit

Exploded View of GMV-N790GK/HA-M, GMV-N790GK/HA-H:

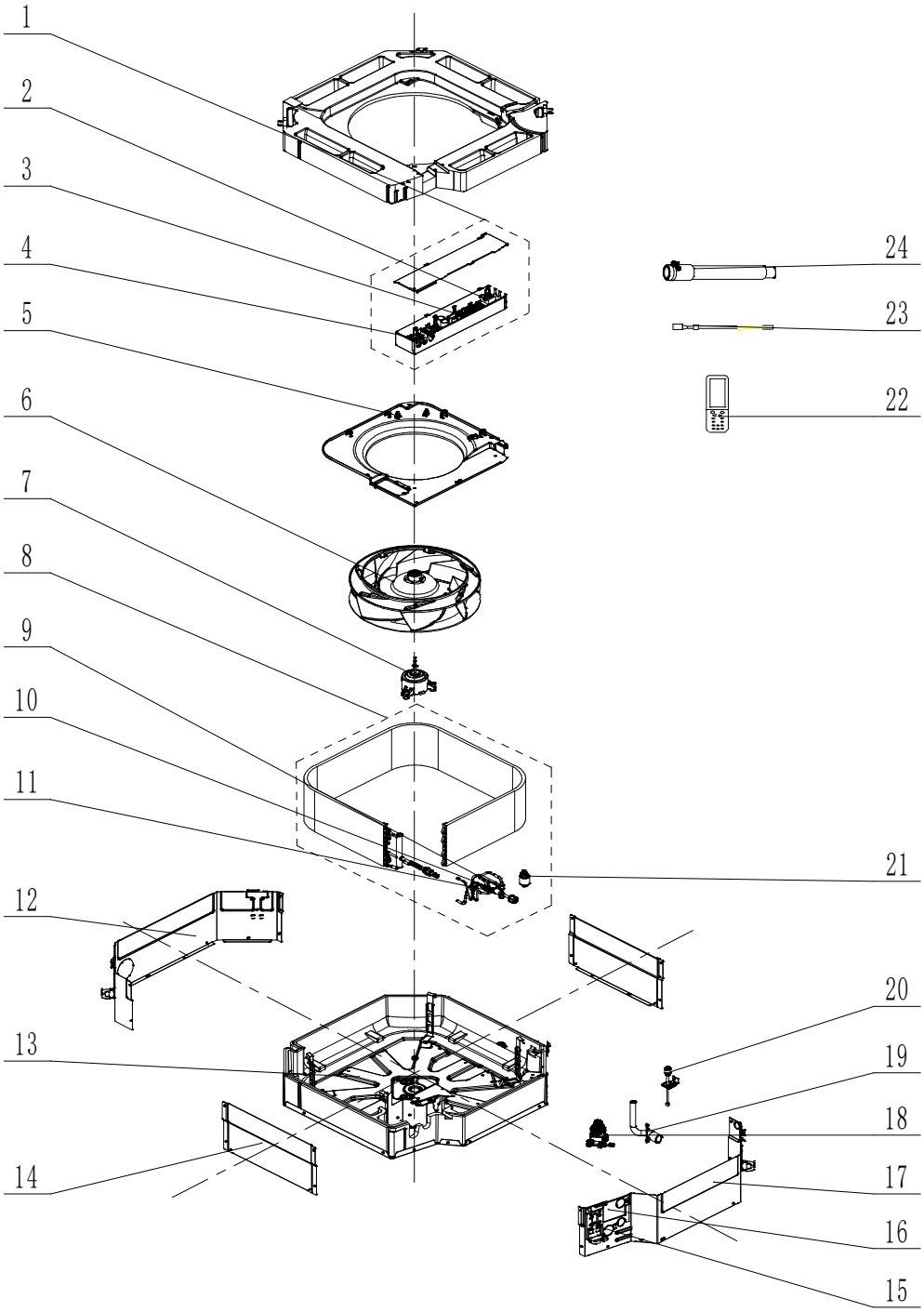


No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-N790GK/HA-M	CM710N0030
		GMV-N790GK/HA-H	CM710N0020
		Part code	Quantity
1	Motor for Centrifugal Fan	10456000007	1
2	Fan Motor	GMV-N790GK/HA-M: 150101000053 GMV-N790GK/HA-H: 150101060579	1
3	Belt Wheel	GMV-N790GK/HA-M: 10548154 GMV-N790GK/HA-H: 10548151	1
4	Taper Sleeve	10548216	1
5	Belt Wheel	012258060006	1
6	Taper Sleeve	10548227	1
7	Belt	76416044	2
8	Strainer	035021060073	1
9	Nozzle for Adding Freon	035114000003	1
10	Gas Tube Filter	072190512	2
11	Electronic Expansion Valve	072009060041	1

No.	Name of part	For the following unit	
		Unit	Product Code
		GMV-N790GK/HA-M	CM710N0030
		GMV-N790GK/HA-H	CM710N0020
		Part code	Quantity
12	Filter Sub-Assy	11100100000603	1
13	Electric Box Assy	100002080378	1
14	Drainage Hose	500043060001	1
15	Terminal Board	42200006005404	1
16	Terminal Board	42010052	1
17	AC Contactor	441007000001	1
18	Phase Reverse Protector	430055060009	1
19	Main Board	300002060941	1
20	Electric Expand Valve Fitting	4304413228	2
21	Display Board	300001060921	1
22	Sensor Sub-Assy	390002060443	1

5.22 3D Airflow Cassette Type

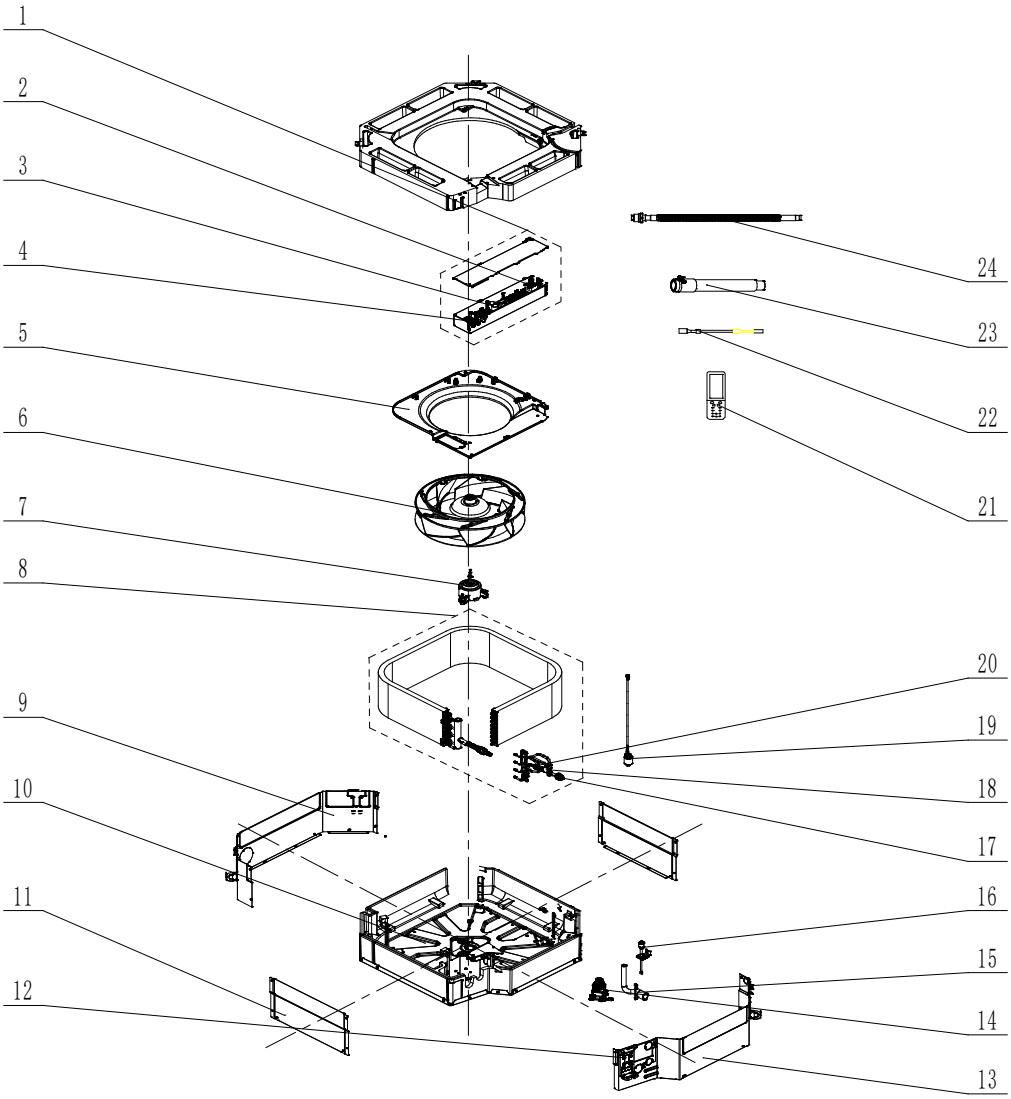
Exploded View of GMV-ND22T/D2-T, GMV-ND28T/D2-T, GMV-ND36T/D2-T, GMV-ND45T/D2-T, GMV-ND50T/D2-T:



No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board
4	Terminal Board
5	Diversion Circle
6	Brushless DC Motor
7	Centrifugal Fan
8	Evaporator Assy
9	Electronic Expansion Valve
10	Strainer
11	Strainer
12	Side Plate
13	Seat Board Sub-Assy
14	Side Plate
15	Body Installing Plate
16	Seal plate Assy
17	Side Plate
18	Water Pump
19	Drainage Pipe Sub-assy
20	Liquid Level Switch
21	Electric Expand Valve Fitting
22	Remote Controller
23	Sensor Sub-assy
24	Drain Hose

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View Of GMV-ND56T/D2-T,GMV-ND63T/D2-T,GMV-ND71T/D2-T:

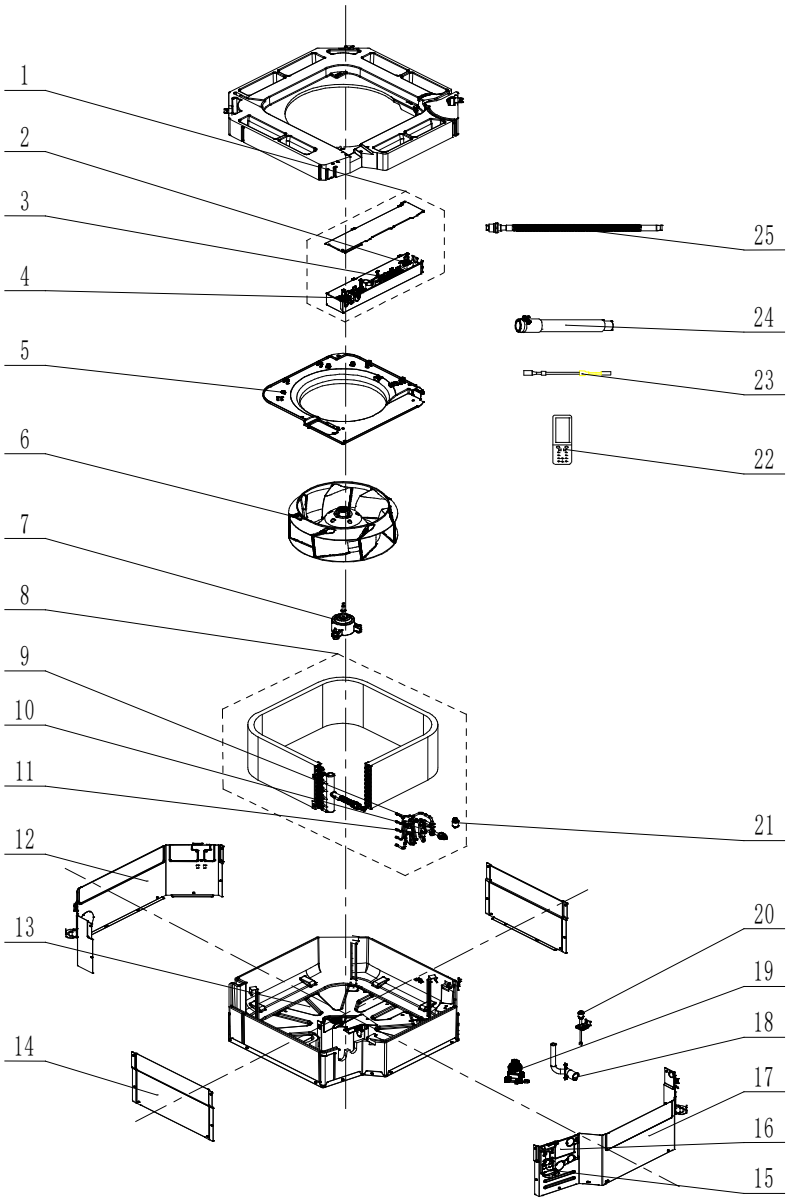


No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board
4	Terminal Board
5	Diversion Circle
6	Centrifugal Fan
7	Brushless DC Motor
8	Evaporator Assy
9	Side Plate
10	Seat Board Sub-Assy
11	Side Plate
12	Body Installing Plate
13	Side Plate
14	Water Pump
15	Drainage Pipe Sub-assy
16	Liquid Level Switch
17	Electric Expand Valve

No.	Name of part
18	Strainer
19	Electric Expand Valve Fitting
20	Strainer
21	Remote Controller
22	Sensor Sub-assy
23	Drain Hose
24	Corrugated Pipe

Above data is subject to change without notice, pls refer the SP in global service website.

Exploded View Of GMV-ND80T/D2-T,GMV-ND90T/D2-T,GMV-ND100T/D2-T,GMV-ND112T/D2-T:



No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board
4	Terminal Board
5	Diversion Circle

No.	Name of part
6	Centrifugal Fan
7	Brushless DC Motor
8	Evaporator Assy
9	Electric Expand Valve Fitting
10	Strainer
11	Strainer A
12	Side Plate 1
13	Seat Board Sub-Assy
14	Side Plate
15	Body Installing Plate
16	Seal Plate Assy
17	Side Plate
18	Drainage Pipe Sub-assy
19	Water Pump
20	Liquid Level Switch
21	Electric Expand Valve Fitting
22	Remote Controller
23	Sensor Sub-assy
24	Drain Hose
25	Corrugated Pipe

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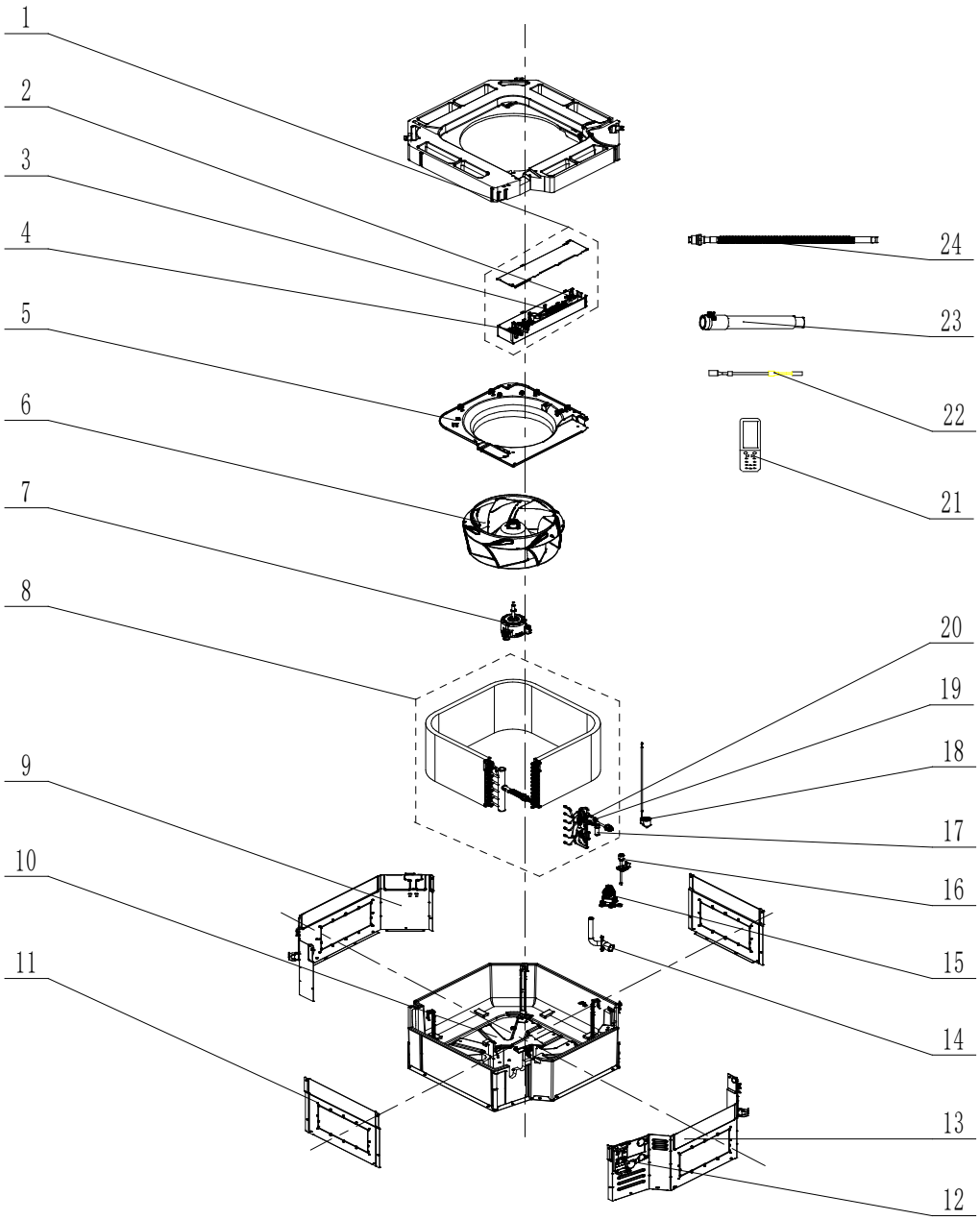
Exploded View Of GMV-ND125T/D2-T，GMV-ND140T/D2-T:



No.	Name of part
1	Electric Box Assy
2	Terminal Board
3	Main Board
4	Terminal Board
5	Diversion Circle
6	Centrifugal Fan
7	Brushless DC Motor
8	Evaporator Assy
9	Side Plate
10	Seat Board Sub-Assy
11	Side Plate

No.	Name of part
12	Body Installing Plate
13	Side Plate
14	Drainage Pipe Sub-assy
15	Water Pump
16	Liquid Level Switch
17	Electric Expand Valve
18	Electric Expand Valve Fitting
19	Strainer
20	Strainer
21	Remote Controller
22	Sensor Sub-assy
23	Drain Hose
24	Corrugated Pipe

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