





| Model          | Remarks            |
|----------------|--------------------|
| GWCN18DCNK1A1A | 1Ph 220-240V~ 50Hz |
| GWHN18DCNK1A1A | R22                |
| GWCN18DCND1A1A | 1Ph 220V~ 60Hz     |
| GWHN18DCND1A1A | R22                |



# 2 Technical specifications

| Model           |  | GWCN09DANK1A1A           | GWHN09                   | DANK1A1A  |
|-----------------|--|--------------------------|--------------------------|-----------|
| Functior        | 1  | COOLING                  | COOLING                  | HEATING   |
| Rated V         | oltage   | 220-240V                 | 220-                     | 240V      |
| Rated F         | requency   | 50Hz                     | 50                       | )Hz       |
| Total Ca        | apacity (W/Btu/h)                                | 2600/9000                | 2600/9000                | 2750/9350 |
| Power Input (W) |  | 1000                     | 980                      | 920       |
| Rated In        | nput (W)   | 1450                     | 1200 1200                |           |
| Rated C         | Current (A)                                      | 6.5                      | 4.73                     | 5.2       |
| Air Flow        | Volume (m <sup>3</sup> /h) (H/M/L)**             | 500                      | 50                       | 00        |
| Dehumi          | difying Volume (l/h)                             | 1                        |                          | 1         |
| EER/C           | .O.P (W/W)                                       | 2.60/-                   | 2.60                     | )/3.2     |
| Energy (        | Class  | /                        | /                        |           |
|                 | Model of Indoor Unit                             | GWCN09DANK1A1A/I         | GWHN09DANK1A1A/I         |           |
|                 | Fan Motor Speed (r/min) (H/M/L)                  | 1160/1065/959/861        | 1160/1060/960/860        |           |
|                 | Output of Fan Motor (w)                          | 20                       | 2                        | 0         |
|                 | Input of Heater (w)                              | /                        |                          | /         |
| ľ               | Fan Motor Capacitor (uF)                         | 1                        |                          | 1         |
|                 | Fan Motor RLA(A)                                 | 0.263                    | 0.222                    |           |
|                 | Fan Type-Piece                                   | Cross flow fan – 1       | Cross flow fan – 1       |           |
|                 | Diameter-Length (mm)                             | 97                       | 97                       |           |
|                 | Evaporator                                       | Aluminum fin-copper tube | Aluminum fin-copper tube |           |
| Indoor          | Pipe Diameter (mm)                               | 7                        | 7                        |           |
| unit            | Row-Fin Gap(mm)                                  | 2-1.6                    | 2-                       | 1.6       |
|                 | Coil length (I) x height (H) x coil<br>width (L) | 650X153X144              | 576X14                   | 42X145    |
|                 | Swing Motor Model                                | MP24BA                   | MP28EC                   |           |
|                 | Output of Swing Motor (W)                        | 1.5                      | 2                        |           |
|                 | Fuse (A)   | 3.15                     | 3.                       | 15        |
|                 | Sound Pressure Level dB (A)<br>(H/WL)            | 40/38/36/34              | 40/38                    | /36/34    |
|                 | Sound Power Level dB (A)<br>(H/M/L)***           | 50/48/46/44              | 50/48/46/44              |           |
|                 | Dimension (W/H/D) ( mm)                          | 740X250X180              | 740X2                    | 50X180    |
|                 | Dimension of Package(W/H/D)(mm)                  | 790X320X264              | 790X32                   | 20X264    |
|                 | Net Weight /Gross Weight (kg)                    | 8/10                     | 8/                       | 10        |

|          | Model of Ou  | utdoor Unit                             | GWCN09DANK1A1A/O         | GWHN09DANK1A1A/O         |
|----------|--------------|---|--------------------------|--------------------------|
|          | Compress     | or Manufacturer/trademark               | GREE                     | GREE                     |
|          | Compress     | or Model                                | QX-B172C030              | QX-B172C030              |
|          | Compress     | or Type                                 | Rotary                   | Rotary                   |
|          | L.R.A. (A)   |   | 24A                      | 24A                      |
|          | Compress     | or RLA(A)                               | 4.6                      | 4.6                      |
|          |              | or Power Input(W)                       | 960                      | 960                      |
|          | Overload P   | rotector                                | Inner                    | Inner                    |
|          | Throttling M | <i>l</i> ethod                          | Capillary                | Capillary                |
|          | Starting Me  | thod                                    | Capacitor                | Capacitor                |
|          |              | emp Range (°C)                          | ~46                      | ~46                      |
|          | Condense     | r                                       | Aluminum fin-copper tube | Aluminum fin-copper tube |
|          | Pipe Diame   |   | 7                        | 7                        |
|          | Rows-Fin C   | Gap(mm)                                 | 1-1.4                    | 1-1.4                    |
|          | Coil length  | (I) x height(H) x coil width(L)         | 508X400X210              | 508X400X210              |
|          | Fan Motor S  | Speed (rpm) (H/M/L)                     | 950                      | 950                      |
|          | Output of Fa | an Motor (W)                            | 20W                      | 20W                      |
| Outdoor  | Fan Motor F  | RLA(A)                                  | 0.465                    | 0.35                     |
| unit     | Fan Motor (  | Capacitor (uF)                          | 1~1.5                    | 1.5                      |
|          | Air Flow Vo  | lume of Outdoor Unit(m <sup>3</sup> /h) | /                        | /                        |
|          | Fan Type-F   |   | Axial fan -1             | Axial fan -1             |
|          | Fan Diame    | ter (mm)                                | 324                      | 324                      |
|          | Defrosting   | Method                                  | Auto defrost             | Auto defrost             |
|          | Climate Ty   | pe                                      | T1                       | T1                       |
|          | Isolation    |   |                          | I                        |
|          | Moisture Pr  | rotection                               | IP24                     | IP24                     |
|          | Permissibl   | e Excessive Operating                   | 0                        | 0.0                      |
|          | Pressure for | or the Discharge Side(MPa)              | 3                        | 3.8                      |
|          | Permissibl   | e Excessive Operating                   |                          |                          |
|          |              | or the Suction Side(MPa)                | 1                        | 1.2                      |
|          |              | ssure Level dB (A) (H/M/L)              | 52                       | 52                       |
|          |              | ver Level dB (A) (H/M/L)                | 62                       | 62                       |
|          |              | (W/H/D) (mm)                            | 848X540X320              | 848X540X320              |
|          |              | of Package (L/H/W)(mm)                  | 878X590X360              | 878X590X360              |
|          |              | /Gross Weight (kg)                      | 25/29                    | 25/29                    |
|          | -            | t Charge (kg)                           | R22/0.53                 | R22/0.66                 |
|          | Length (m)   | 5-(5)                                   | 5                        | 5                        |
|          |              | onal charge(g/m)                        | 25                       | 25                       |
| Connecti | Outer        | Liquid Pipe (mm)                        | <u>Фб(1/4")</u>          | Φ6(1/4")                 |
| on Pipe  | Diameter     | Gas Pipe (mm)                           | <u>Ф9.52(3/8")</u>       | Φ9.52(3/8")              |
|          | Max          | Height (m)                              | 5                        | 5                        |
|          | Distance     | Length (m)                              | 10                       | 10                       |

| Model    |  | GWCN09DAND1A1A           |                          | DAND1A1A  |
|----------|--|--------------------------|--------------------------|-----------|
| Function |  | COOLING                  | COOLING                  | HEATING   |
| Rated V  |  | 220V                     |                          | 0V        |
| Rated F  | requency   | 60Hz                     | 60                       | Hz        |
|          | pacity (W/Btu/h)                                 | 2600W<br>9000Btu/h       | 2600/9000                | 2750/9350 |
|          | nput (W)   | 1000                     | 950                      | 860       |
| Rated In |  | 1450                     | 1200                     | 1200      |
|          | urrent (A)                                       | 6.5                      | 5.2                      | 5.2       |
|          | Volume (m3/h) (H/M/L)**                          | 500                      | 50                       | 00        |
|          | difying Volume (I/h)                             | 1                        |                          | 1         |
|          | .O.P (W/W)                                       | 2.60/-                   | 2.60/3.2                 |           |
| Energy   |  | /                        |                          | /         |
|          | Model of Indoor Unit                             | GWCN09DAND1A1A/I         | GWHN09DAND1A1A/I         |           |
|          | Fan Motor Speed (r/min) (H/WL)                   | 1160/1065/959/861        | 1160/1060/960/860        |           |
|          | Output of Fan Motor (w)                          | 20                       | 1                        | 4         |
|          | Input of Heater (w)                              | /                        | /                        |           |
|          | Fan Motor Capacitor (uF)                         | 1                        | 1                        |           |
|          | Fan Motor RLA(A)                                 | 0.263                    | 0.222                    |           |
|          | Fan Type-Piece                                   | Cross flow fan – 1       | Cross flow fan – 1       |           |
|          | Diameter-Length (mm)                             | 97                       | 97                       |           |
|          | Evaporator                                       | Aluminum fin-copper tube | Aluminum fin-copper tube |           |
| Indoor   | Pipe Diameter (mm)                               | 7                        | -                        | 7         |
| unit     | Row-Fin Gap(mm)                                  | 2-1.6                    | 2-1.6                    |           |
|          | Coil length (I) x height (H) x coil<br>width (L) | 650X153X144              | 576X142X145              |           |
|          | Swing Motor Model                                | MP24BA                   | MP2                      | 8EC       |
|          | Output of Swing Motor (W)                        | 1.5                      | :                        | 2         |
|          | Fuse (A)   | 3.15                     | 3.                       | 15        |
|          | Sound Pressure Level dB (A)<br>(H/M/L)           | 40/38/36/34              | 40/38/36/34              |           |
|          | Sound Power Level dB (A)<br>(H/M/L)***           | 50/48/46/44              |                          | /46/44    |
|          | Dimension (W/H/D) ( mm)                          | 740X250X180              | 740X2                    | 50X202    |
|          | Dimension of Package(W/H/D)(mm)                  | 790X320X264              |                          | 25X275    |
|          | Net Weight /Gross Weight (kg)                    | 8/10                     | 8/                       | 10        |

|          | Model of O   | utdoor Unit  | GWCN09DAND1A1A/O         | GWHN09DAND1A1A/O         |
|----------|--------------|--|--------------------------|--------------------------|
|          | Compress     | or Manufacturer/trademark                            | GREE                     | LANDA                    |
|          | Compress     | or Model   | QX-B14rA030              | QX-B14rA030              |
|          | Compress     | or Type  | Rotary                   | Rotary                   |
|          | L.R.A. (A)   |  | 25A                      | 20A                      |
|          | Compress     | or RLA(A)  | 3.9                      | 3.9                      |
|          | Compress     | or Power Input(W)                                    | 875                      | 875                      |
|          | Overload F   | Protector  | B180-155-141E            | B180-155-141E            |
|          | Throttling I | Vlethod  | Capillary                | Capillary                |
|          | Starting Me  | ethod  | Capacitor                | Capacitor                |
|          | Working Te   | emp Range (°C)                                       | ~46                      | -5~46                    |
|          | Condense     | r  | Aluminum fin-copper tube | Aluminum fin-copper tube |
|          | Pipe Diam    | eter (mm)  | 7                        | 9.52                     |
|          | Rows-Fin     |  | 1-1.4                    | 1-1.4                    |
|          | Coil length  | (I) x height(H) x coil width(L)                      | 508X400X210              | 630X406X22               |
|          | Fan Motor    | Speed (rpm) (H/M/L)                                  | 950                      | 950                      |
|          | Output of F  | an Motor (W)   | 20W                      | 20W                      |
| Outdoor  | Fan Motor    | RLA(A)   | 0.09                     | 0.35                     |
| unit     | Fan Motor    | Capacitor (uF)                                       | 2                        | 1.5                      |
|          | Air Flow Vo  | olume of Outdoor Unit(m <sup>3</sup> /h)             | /                        | 1200                     |
|          | Fan Type-F   | Piece  | Axial fan -1             | Axial fan -1             |
|          | Fan Diame    | eter (mm)  | 324                      | 324                      |
|          | Defrosting   | Method   | /                        | Auto defrost             |
|          | Climate Ty   | pe   | T1                       | T1                       |
|          | Isolation    |  | Ι                        | I                        |
|          | Moisture P   | rotection  | IP24                     | IP24                     |
|          |              | le Excessive Operating<br>or the Discharge Side(MPa) | 3                        | 3.8                      |
|          |              | le Excessive Operating<br>or the Suction Side(MPa)   | 1                        | 1.2                      |
|          | Sound Pre    | ssure Level dB (A) (H/M/L)                           | 52                       | 52                       |
|          | Sound Pov    | wer Level dB (A) (H/M/L)                             | 62                       | 62                       |
|          | Dimensior    | n (W/H/D) (mm)                                       | 720X430X320              | 720X430X260              |
|          | Dimensior    | n of Package (L/H/W)(mm)                             | 765X490X350              | 765X490X350              |
|          | Net Weigh    | t /Gross Weight (kg)                                 | 25/29                    | 25/29                    |
|          | Refrigeran   | t Charge (kg)  | R22 /0.52                | R22 /0.71                |
|          | Length (m)   |  | 5                        | 5                        |
|          | Gas additi   | onal charge(g/m)                                     | 25                       | 20                       |
| Connecti | Outer        | Liquid Pipe (mm)                                     | Ф6(1/4")                 | Ф6(1/4")                 |
| on Pipe  | Diameter     | Gas Pipe (mm)  | Ф9.52(3/8")              | Ф9.52(3/8")              |
|          | Max          | Height (m)   | 5                        | 5                        |
|          | Distance     | Length (m)   | 10                       | 10                       |

| Model    |  | GWCN12DBNK1A1A           | GWHN12                   | DBNK1A1A   |
|----------|--|--------------------------|--------------------------|------------|
| Functior | 1  | COOLING                  | COOLING                  | HEATING    |
| Rated V  | oltage   | 220-240V                 | 220-                     | 240V       |
|          | requency   | 50Hz                     | 50                       | )Hz        |
| Total Ca | apacity (W/Btu/h)                                | 3500W                    | 3500W                    | 3900W      |
| 10141 02 |  | 12000Btu/h               | 12000Btu/h               | 13300Btu/h |
| Power li | nput (W)   | 1290                     | 1290                     | 1220       |
| Rated Ir | nput (W)   | 1650                     | 1650                     | 1650       |
| Rated C  | urrent (A)                                       | 8.9                      | 8.9                      | 8.9        |
|          | Volume (m <sup>3</sup> /h) (H/M/L)**             | 580                      | 5                        | 80         |
|          | difying Volume (I/h)                             | 1                        |                          | 1          |
|          | .O.P (W/W)                                       | 2.71                     | 2.71/3.20                |            |
| Energy   |  | /                        | /                        |            |
|          | Model of Indoor Unit                             | GWCN12DBNK1A1A/I         | GWHN12DBNK1A1A/I         |            |
|          | Fan Motor Speed (r/min) (H/M/L)                  | 1120/1010/890/760        | 1120/1010/890/760        |            |
|          | Output of Fan Motor (w)                          | 9                        |                          | 9          |
|          | Input of Heater (w)                              | /                        | /                        |            |
|          | Fan Motor Capacitor (uF)                         | 1                        | 1                        |            |
|          | Fan Motor RLA(A)                                 | 0.28                     | 0.28                     |            |
|          | Fan Type-Piece                                   | Cross flow fan – 1       | Cross flow fan – 1       |            |
|          | Diameter-Length (mm)                             | φ99X644                  | φ99X644                  |            |
|          | Evaporator                                       | Aluminum fin-copper tube | Aluminum fin-copper tube |            |
|          | Pipe Diameter (mm)                               | 7                        | 7                        |            |
| Indoor   | Row-Fin Gap(mm)                                  | 2-1.5                    | 2-1.5                    |            |
| unit     | Coil length (I) x height (H) x coil<br>width (L) | 656X25.4X304.8           | 656X25                   | .4X304.8   |
|          | Swing Motor Model                                | MP24AA                   | MP24AA                   |            |
|          | Output of Swing Motor (W)                        | 1.5                      | -                        | .5         |
|          | Fuse (A)   | PCB 3.15A                | PCB                      | 3.15A      |
|          | Sound Pressure Level dB (A)<br>(H/WL)            | 41/39/36/32              | 41/39/36/32              |            |
|          | Sound Power Level dB (A)<br>(H/M/L)***           | 51/49/46/42              | 51/49                    | /46/42     |
|          | Dimension (W/H/D) (mm)                           | 805X280X210              | 805X2                    | 80X210     |
|          | Dimension of Package(W/H/D)(mm)                  | 860X355X280              | 860X3                    | 55X280     |
|          | Net Weight /Gross Weight (kg)                    | 9/12                     | 9/                       | 12         |

|          |              | utdoor Unit   | GWCN12DBNK1A1AO          | GWHN12DBNK1A1A/O         |
|----------|--------------|---|--------------------------|--------------------------|
|          | •            | or Manufacturer/trademark                           | Sanyo                    | Sanyo                    |
|          | Compress     |   | C-RV233H2NB              | C-RV233H2NB              |
|          | Compress     | or Type   | Rotory                   | Rotory                   |
|          | L.R.A. (A)   |   | 29                       | 29                       |
|          | Compress     |   | 5.8                      | 5.8                      |
|          | •            | or Power Input(W)                                   | 1260                     | 1260                     |
|          | Overload F   |   | IN                       | IN                       |
|          | Throttling N |   | Capillary                | Capillary                |
|          | Starting Me  |   | Capacitor                | Capacitor                |
|          |              | emp Range (℃)                                       | -15~46                   | -15~46                   |
|          | Condense     |   | Aluminum fin-copper tube | Aluminum fin-copper tube |
|          | Pipe Diam    |   | 7.94                     | 7.94                     |
|          | Rows-Fin     |   | 1-1                      | 1-1                      |
|          |              | (I) x height(H) x coil width(L)                     | 743*506*19.05            | 743*506*19.05            |
|          |              | Speed (rpm) (H/M/L)                                 | 850                      | 850                      |
|          |              | an Motor (W)  | 30                       | 30                       |
| Outdoor  | Fan Motor    |   | 0.35                     | 0.35                     |
| unit     |              | Capacitor (uF)                                      | 2                        | 2                        |
|          |              | lume of Outdoor Unit(m <sup>3</sup> /h)             | 1700                     | 1700                     |
|          | Fan Type-F   |   | Axial fan -1             | Axial fan -1             |
|          | Fan Diame    |   | 400                      | 400                      |
|          | Defrosting   |   | Auto defrost             | Auto defrost             |
|          | Climate Ty   | ре  | T1                       | T1                       |
|          | Isolation    |   |                          | I                        |
|          | Moisture P   |   | IP24                     | IP24                     |
|          |              | e Excessive Operating<br>or the Discharge Side(MPa) | 2.5                      | 2.5                      |
|          |              | e Excessive Operating<br>or the Suction Side(MPa)   | 0.6                      | 0.6                      |
|          | Sound Pre    | ssure Level dB (A) (H/M/L)                          | 52                       | 52                       |
|          | Sound Pov    | ver Level dB (A) (H/M/L)                            | 62                       | 62                       |
|          | Dimensior    | n (W/H/D) (mm)                                      | 848X540X320              | 848X540X320              |
|          | Dimensior    | of Package (L/H/W)(mm)                              | 878X590X360              | 878X590X360              |
|          | Net Weigh    | t/Gross Weight (kg)                                 | 35/40                    | 35/40                    |
|          | Refrigeran   | t Charge (kg)                                       | R22/0.78                 | R22/0.98                 |
|          | Length (m)   |   | 5                        | 5                        |
|          | Gas addition | onal charge(g/m)                                    | 25                       | 25                       |
| Connecti | Outer        | Liquid Pipe (mm)                                    | Ф6(1/4")                 | Ф6(1/4")                 |
| on Pipe  | Diameter     | Gas Pipe (mm)                                       | Ф12(1/2")                | Φ12(1/2")                |
|          | Max          | Height (m)  | 5                        | 5                        |
|          | Distance     | Length (m)  | 10                       | 10                       |

| Model          |  | GWCN12DBND1A1A           | GWHN12                   | DBND1A1A   |
|----------------|--|--------------------------|--------------------------|------------|
| Functior       | 1  | COOLING                  | COOLING                  | HEATING    |
| Rated V        | oltage   | 220V                     | 22                       | OV         |
| Rated F        | requency   | 60Hz                     | 60                       | )Hz        |
| Total Ca       | upacity (W/Btu/h)                                | 3500W                    | 3500W                    | 3900W      |
|                |  | 12000Btu/h               | 12000Btu/h               | 13300Btu/h |
| Power In       |  | 1230                     | 1290                     | 1220       |
| Rated Ir       |  | 1550                     | 1650                     | 1650       |
|                | urrent (A)                                       | 7.8                      | 8.9                      | 8.9        |
|                | Volume (m <sup>3</sup> /h) (H/M/L)**             | 580                      | 5                        | 80         |
|                | difying Volume (l/h)                             | 1                        |                          | 1          |
|                | .O.P (W/W)                                       | 2.85                     | 2.71/3.20                |            |
| Energy         |  | /                        |                          | /          |
|                | Model of Indoor Unit                             | GWCN12DBND1A1A/I         | GWHN12DBND1A1A/I         |            |
|                | Fan Motor Speed (r/min) (H/M/L)                  | 1120/1010/890/760        | 1120/1010/890/760        |            |
|                | Output of Fan Motor (w)                          | 9                        |                          | 9          |
| -              | Input of Heater (w)                              | /                        | /                        |            |
|                | Fan Motor Capacitor (uF)                         | 1                        | 1                        |            |
|                | Fan Motor RLA(A)                                 | 0.28                     | 0.28                     |            |
|                | Fan Type-Piece                                   | Cross flow fan – 1       | Cross flow fan - 1       |            |
|                | Diameter-Length (mm)                             | φ99X644                  | φ99X644                  |            |
|                | Evaporator                                       | Aluminum fin-copper tube | Aluminum fin-copper tube |            |
|                | Pipe Diameter (mm)                               | 7                        | 7                        |            |
|                | Row-Fin Gap(mm)                                  | 2-1.5                    | 2-1.5                    |            |
| Indoor<br>unit | Coil length (I) x height (H) x coil<br>width (L) | 656*25.4*304.8           | 656X25.4X304.8           |            |
|                | Swing Motor Model                                | MP24AA                   | MP24AA                   |            |
|                | Output of Swing Motor (W)                        | 1.5                      | 1.5                      |            |
|                | Fuse (A)   | PCB 3.15A                | PCB                      | 3.15A      |
|                | Sound Pressure Level dB (A)<br>(H/WL)            | 41/39/36/32              | 41/39/36/32              |            |
|                | Sound Power Level dB (A)<br>(H/M/L)***           | 51/49/46/42              | 51/49                    | /46/42     |
|                | Dimension (W/H/D) ( mm)                          | 805X280X210              | 805X2                    | 80X210     |
|                | Dimension of Package(W/H/D)(mm)                  | 860X355X280              | 860X3                    | 55X280     |
|                | Net Weight /Gross Weight (kg)                    | 9/12                     | 9/12                     |            |

|         | Model of O  | utdoor Unit                             | GWCN12DBND1A1A/O              | GWHN12DBND1A1A/O         |
|---------|---|---|-------------------------------|--------------------------|
|         | Compress  | or Manufacturer/trademark               | Sanyo                         | Sanyo                    |
|         | Compress  | or Model                                | C-R91H6N                      | C-R91H6N                 |
|         | Compress  | or Type                                 | Rotory                        | Rotory                   |
|         | L.R.A. (A)  |   | 25                            | 29                       |
|         | Compress  | or RLA(A)                               | 5.45                          | 5.8                      |
|         | Compress  | or Power Input(W)                       | 1140                          | 1260                     |
|         | Overload Protector  |   | MRA99815-9201 OR<br>MRA99815L | IN                       |
|         | Throttling N  | <i>l</i> ethod                          | Capillary                     | Capillary                |
|         | Starting Me   | thod                                    | Capacitor                     | Capacitor                |
|         | Working Te  | emp Range (℃)                           | -15~46                        | -15~46                   |
|         | Condense  | r                                       | Aluminum fin-copper tube      | Aluminum fin-copper tube |
|         | Pipe Diam   | eter (mm)                               | 7.94                          | 7.94                     |
|         | Rows-Fin  | Gap(mm)                                 | 1-1.5                         | 1-1                      |
|         | Coil length   | (I) x height(H) x coil width(L)         | 743X506X19.05                 | 743*506*19.05            |
|         |   | Speed (rpm) (H/M/L)                     | 850                           | 850                      |
|         | Output of F   | an Motor (W)                            | 30                            | 30                       |
| utdoor  | Fan Motor   |   | 0.35                          | 0.35                     |
| unit    | Fan Motor   | Capacitor (uF)                          | 2                             | 2                        |
|         | Air Flow Vo   | lume of Outdoor Unit(m <sup>3</sup> /h) | 1700                          | 1700                     |
|         | Fan Type-F  |   | Axial fan -1                  | Axial fan -1             |
|         | Fan Diame   |   | 400                           | 400                      |
|         | Defrosting  | Method                                  | Auto defrost                  | Auto defrost             |
|         | Climate Ty  | ре                                      | T1                            | T1                       |
|         | Isolation   |   |                               | I                        |
|         | Moisture P  | rotection                               | IP24                          | IP24                     |
|         | Permissible Excessive Operating<br>Pressure for the Discharge Side(MPa) |   | 2.5                           | 2.5                      |
|         | Permissible Excessive Operating<br>Pressure for the Suction Side(MPa)   |   | 0.6                           | 0.6                      |
|         | Sound Pre   | ssure Level dB (A) (H/M/L)              | 52                            | 52                       |
|         | Sound Pov   | ver Level dB (A) (H/M/L)                | 62                            | 62                       |
|         | Dimensior   | ı (W/H/D) (mm)                          | 848X540X320                   | 848X540X320              |
|         |   | of Package (L/H/W)(mm)                  | 878X590X360                   | 878X590X360              |
|         | Net Weigh   | t/Gross Weight (kg)                     | 35/40                         | 35/40                    |
|         | -   | t Charge (kg)                           | R22/0.82                      | R22/0.98                 |
|         | Length (m)  | • · · · · · · · · · · · · · · · · · · · | 5                             | 5                        |
|         | Gas additio   | onal charge(g/m)                        | 25                            | 25                       |
| onnecti | Outer   | Liquid Pipe (mm)                        | Ф6(1/4")                      | Ф6(1/4")                 |
| on Pipe | Diameter  | Gas Pipe (mm)                           | Φ12(1/2")                     | Φ12(1/2")                |
|         | Max   | Height (m)                              | 5                             | 5                        |
|         | Distance  | Length (m)                              | 10                            | 10                       |

|                |  |                            | 01441014.05              |                |
|----------------|--|----------------------------|--------------------------|----------------|
| Model          |  | GWCN18DCNK1A1A             |                          | CNK1A1A        |
| Functior       |  | COOLING                    | COOLING                  | HEATING        |
| Rated V        | ,  | 220-240V~                  |                          | 240V~          |
|                | requency   | 50Hz                       | 50                       | Hz             |
|                | apacity (Btu/h)                                  | 18000                      | 18000                    | 19500          |
| Power In       |  | 1940                       | 1940                     | 1850           |
| Rated Ir       |  | 2500                       | 2700                     | 2600           |
| Rated C        | Gurrent (A)                                      | 10.9                       | 13.6                     | 13.2           |
|                | Volume (m <sup>3</sup> /h) (H/M/L)**             | 830/670/600                | 830/67                   | 70/600         |
|                | difying Volume (I/h)                             | 3                          |                          | 3              |
|                | .O.P (W/W)                                       | 2.72                       | 2.72/3.10                |                |
| Energy         |  | C                          | С                        |                |
|                | Model of Indoor Unit                             | GWCN18DCNK1A1A/I           | GWHN18D                  | CNK1A1A/I      |
|                | Fan Motor Speed (r/min) (H/M/L)                  | 1200/1050/900              | 1200/1050/900            |                |
|                | Output of Fan Motor (w)                          | 20                         | 20                       |                |
|                | Input of Heater (w)                              | /                          |                          | /              |
|                | Fan Motor Capacitor (uF)                         | 1                          | -                        | 1              |
|                | Fan Motor RLA(A)                                 | 0.4                        | 0.4                      |                |
|                | Fan Type-Piece                                   | Cross flow fan – 1         | Cross flow fan – 1       |                |
|                | Diameter-Length (mm)                             | φ96 X 797                  | φ96 X 797                |                |
|                | Evaporator                                       | Aluminum fin-copper tube   | Aluminum fin-copper tube |                |
|                | Pipe Diameter (mm)                               | Φ7                         | Φ7                       |                |
|                | Row-Fin Gap(mm)                                  | 2-1.6                      | 2-1.6                    |                |
| Indoor<br>unit | Coil length (I) x height (H) x coil<br>width (L) | 785X340.51X25.4            | 785X340.51X25.4          |                |
|                | Swing Motor Model                                | MP35XX                     | MP35XX                   |                |
|                | Output of Swing Motor (W)                        | 2.5                        | 2.5                      |                |
|                | Fuse (A)   | PCB 3.15A Transformer 0.2A | PCB 3.15A Tra            | ansformer 0.2A |
|                | Sound Pressure Level dB (A)<br>(H/WL)            | 48/45/42/38                | 48/45                    | /42/38         |
|                | Sound Power Level dB (A)<br>(H/WL)***            | 58/55/52/48                | 58/55                    | /52/48         |
|                | Dimension (W/H/D) ( mm)                          | 1020X310X228               | 1020X3                   | 10X228         |
|                | Dimension of Package(W/H/D)(mm)                  | 1078X325X390               | 1078X3                   | 25X390         |
|                | Net Weight /Gross Weight (kg)                    | 14/19                      | 14                       | /19            |

|          | Model of O   | utdoor Unit   | GWCN18DCNK1A1A/O         | GWHN18DCNK1A1A/O            |
|----------|--------------|---|--------------------------|-----------------------------|
|          | Comprose     | or Manufacturer/trademark                           | ZHUHAI LANDA COMPRESSOR  | Shanghai Hitachi Electrical |
|          | Compress     |   | CO.,LTD                  | Appliances Co,Ltd./Highly   |
|          | Compress     | or Model  | QX-34G050g(GREE)         | SHX33SC4-S                  |
|          | Compress     | or Type   | rotary compressor        | rotary compressor           |
|          | L.R.A. (A)   |   | 46.3                     | 40                          |
|          | Compress     | or RLA(A)   | 8.7                      | 8.35                        |
|          | Compress     | or Power Input(W)                                   | 1850                     | 1815                        |
|          | Overload P   | rotector  | 内置                       | 内置                          |
|          | Throttling N | <i>l</i> ethod                                      | Capillary                | Capillary                   |
|          | Starting Me  | thod  | Capacitor                | Capacitor                   |
|          | Working Te   | emp Range (℃)                                       | -7℃≪T≪43℃                | -7℃≪T≪43℃                   |
|          | Condense     | r   | Aluminum fin-copper tube | Aluminum fin-copper tube    |
|          | Pipe Diam    | eter (mm)   | 8                        | 8                           |
|          | Rows-Fin C   | Gap(mm)   | 1-1.6                    | 1-1.6                       |
|          | Coil length  | (I) x height(H) x coil width(L)                     | 806×660×19.05            | 806×660×19.05               |
|          | Fan Motor S  | Speed (rpm) (H/M/L)                                 | 860                      | 860                         |
|          |              | an Motor (W)  | 48                       | 48                          |
| Outdoor  | Fan Motor I  | RLA(A)  | 0.62                     | 0.62                        |
| unit     | Fan Motor (  | Capacitor (uF)                                      | 3.5                      | 3.5                         |
|          | Air Flow Vo  | lume of Outdoor Unit(m <sup>3</sup> /h)             | 2790                     | 2790                        |
|          | Fan Type-F   | Piece   | Axial fan –1             | Axial fan –1                |
|          | Fan Diame    | ter (mm)  | Ф473                     | Ф473                        |
|          | Defrosting   | Method  | Auto defrost             | Auto defrost                |
|          | Climate Ty   | pe  | T1                       | T1                          |
|          | Isolation    |   | I                        |                             |
|          | Moisture P   | rotection   | IP24                     | IP24                        |
|          |              | e Excessive Operating<br>or the Discharge Side(MPa) | 2.5                      | 2.5                         |
|          |              | e Excessive Operating<br>or the Suction Side(MPa)   | 0.6                      | 0.6                         |
|          | Sound Pres   | ssure Level dB (A) (H/M/L)                          | 56                       | 56                          |
|          |              | ver Level dB (A) (H/M/L)                            | 66                       | 66                          |
|          | Dimension    | (W/D/H) (mm)  | 913X378X680              | 913X378X680                 |
|          |              | of Package (L/W/H)(mm)                              | 994X428X720              | 994X428X720                 |
|          |              | /Gross Weight (kg)                                  | 46/50                    | 46/50                       |
|          |              | t Charge (kg)                                       | R22/1.1                  | R22/1.35                    |
|          | Length (m)   |   | 4                        | 4                           |
|          |              | onal charge(g/m)                                    | 50                       | 50                          |
| Connecti | Outer        | Liquid Pipe (mm)                                    | Φ6                       | Φ <b>6</b>                  |
| on Pipe  | Diameter     | Gas Pipe (mm)                                       | Φ12                      | Φ12                         |
|          | Max          | Height (m)  | 5                        | 5                           |
|          | Distance     | Length (m)  | 10                       | 10                          |

I

| Model          |  | GWCN18DCND1A1A             | GWHN18E                  | CND1A1A        |
|----------------|--|----------------------------|--------------------------|----------------|
| Functior       | n  | COOLING                    | COOLING                  | HEATING        |
| Rated V        | ′oltage  | 220V~                      | 220V~                    |                |
|                | requency   | 60Hz                       | 60                       | Hz             |
| Total Ca       | apacity (Btu/h)                                  | 18000                      | 18000 19500              |                |
|                | nput (W)   | 1810                       | 1940                     | 1850           |
| Rated Ir       | nput (W)   | 2400                       | 2700                     | 2600           |
| Rated C        | Current (A)                                      | 10.9                       | 12.3                     | 11.8           |
| Air Flow       | Volume (m <sup>3</sup> /h) (H/M/L)**             | 830/670/600                | 830/67                   | 70/600         |
| Dehumi         | idifying Volume (l/h)                            | 3                          |                          | 3              |
|                | .O.P (W/W)                                       | 2.92                       | 2.72                     |                |
| Energy         | Class  | В                          | С                        |                |
|                | Model of Indoor Unit                             | GWCN18DCND1A1A/I           | GWHN18DCND1A1A/I         |                |
|                | Fan Motor Speed (r/min) (H/M/L)                  | 1200/1050/900              | 1200/1050/900            |                |
|                | Output of Fan Motor (w)                          | 20                         | 20                       |                |
|                | Input of Heater (w)                              | /                          |                          | /              |
|                | Fan Motor Capacitor (uF)                         | 1                          | 1                        |                |
|                | Fan Motor RLA(A)                                 | 0.4                        | 0.4                      |                |
|                | Fan Type-Piece                                   | Cross flow fan – 1         | Cross flow fan – 1       |                |
|                | Diameter-Length (mm)                             | φ96 X 797                  | φ96 X 797                |                |
|                | Evaporator                                       | Aluminum fin-copper tube   | Aluminum fin-copper tube |                |
|                | Pipe Diameter (mm)                               | Φ7                         | Φ7                       |                |
|                | Row-Fin Gap(mm)                                  | 2-1.6                      | 2-1.6                    |                |
| Indoor<br>unit | Coil length (I) x height (H) x coil<br>width (L) | 785X340.51X25.4            | 785X340.51X25.4          |                |
|                | Swing Motor Model                                | MP35XX                     | MP35XX                   |                |
|                | Output of Swing Motor (W)                        | 2.5                        | 2.5                      |                |
|                | Fuse (A)   | PCB 3.15A Transformer 0.2A | PCB 3.15A Tra            | ansformer 0.2A |
|                | Sound Pressure Level dB (A)<br>(H/M/L)           | 48/45/42/38                | 48/45                    | /42/38         |
|                | Sound Power Level dB (A)<br>(H/M/L)***           | 58/55/52/48                | 58/55                    | /52/48         |
|                | Dimension (W/H/D) ( mm)                          | 1020X310X228               | 1020X3                   | 10X228         |
|                | Dimension of Package(W/H/D)(mm)                  | 1078X325X390               | 1078X3                   | 25X390         |
|                | Net Weight /Gross Weight (kg)                    | 14/19                      | 14                       | /19            |

|         | Model of Outdoor Unit<br>Compressor Manufacturer/trademark              |                   | GWCN18DCND1A1A/O                            | GWHN18DCND1A1A/O                           |
|---------|---|-------------------|---|--|
|         |   |                   | China Resources (Shenyang)<br>Sanyo CO.,LTD | China Resources (Shenyang<br>Sanyo CO.,LTD |
|         | Compressor Model  |                   | C-R132H6D                                   | C-RT272H01AA                               |
|         | Compress  | or Type           | rotary compressor                           | rotary compressor                          |
|         | L.R.A. (A)  |                   | 41  | 41   |
|         | Compress  |                   | 7.82  | 8.72                                       |
|         | -   | or Power Input(W) | 1700  | 1800                                       |
|         | Overload P  |                   | 外置  | 外置   |
|         | Throttling Method   |                   | Capillary                                   | Capillary                                  |
|         | Starting Method   |                   | Capacitor                                   | Capacitor                                  |
|         | Working Temp Range (°C)   |                   | -7℃≪T≪43℃                                   | -7℃≪T≪43℃                                  |
|         | Condenser   |                   | Aluminum fin-copper tube                    | Aluminum fin-copper tube                   |
|         | Pipe Diameter (mm)  |                   | 8   | 9.52                                       |
|         | Rows-Fin Gap(mm)  |                   | 1-1.6                                       | 1-1.6                                      |
|         | Coil length(I) x height(H) x coil width(L)                              |                   | 806×660×19.05<br>860                        | 806×660×22<br>860                          |
|         | Fan Motor Speed (rpm) (H/WL)  |                   | 48  | 48   |
| utdoor  | Output of Fan Motor (W)<br>Fan Motor RLA(A)                             |                   | 0.62  | 0.62                                       |
| unit    | Fan Motor Capacitor (uF)  |                   | 4   | 4  |
|         | Air Flow Volume of Outdoor Unit(m <sup>3</sup> /h)                      |                   | 2790  | 2790                                       |
|         | Fan Type-Piece  |                   | Axial fan -1                                | Axial fan -1                               |
|         | Fan Diameter (mm)   |                   | Φ473  | Φ473                                       |
|         | Defrosting Method   |                   | Auto defrost                                | Auto defrost                               |
|         | Climate Type  |                   | T1  | T1   |
|         | Isolation   |                   |   | I  |
|         | Moisture Protection   |                   | IP24  | IP24                                       |
|         | Permissible Excessive Operating<br>Pressure for the Discharge Side(MPa) |                   | 2.5   | 2.5  |
|         | Permissible Excessive Operating<br>Pressure for the Suction Side(MPa)   |                   | 0.6   | 0.6  |
|         | Sound Pressure Level dB (A) (H/WL)                                      |                   | 56  | 56   |
|         | Sound Power Level dB (A) (H/M/L)  |                   | 66  | 66   |
|         | Dimension (W/D/H) (mm)  |                   | 913X378X680                                 | 913X378X680                                |
|         | Dimension of Package (L/W/H)(mm)  |                   | 994X428X720                                 | 994X428X720                                |
|         | Net Weight /Gross Weight (kg)   |                   | 46/50                                       | 46/50                                      |
|         | Refrigerant Charge (kg)   |                   | R22/1.1                                     | R22/1.1                                    |
|         | Length (m)  |                   | 4   | 4  |
|         |   | onal charge(g/m)  | 50  | 50   |
| onnecti | Outer   | Liquid Pipe (mm)  | Φ6  | Ф6<br>+ 10                                 |
| on Pipe | Diameter  | Gas Pipe (mm)     | Φ12   | Φ12  |
|         | Max   | Height (m)        | 5   | 5  |

| Model           |  | GWCN24DCNK1A1A             | CWHN24                            |                |
|-----------------|--|----------------------------|-----------------------------------|----------------|
| Model           |  | COOLING                    | GWHN24DCNK1A1A<br>COOLING HEATING |                |
|                 |  |                            |                                   |                |
| Rated V         |  | 220-240V~                  | 220-240V~                         |                |
|                 | requency                               | 50Hz                       | 50Hz                              |                |
|                 | upacity (W/Btu/h)                      | 22000                      | 22000                             | 23200          |
| Power Input (W) |  | 2300                       | 2250                              | 2260           |
| Rated Ir        |  | 3200                       | 3200                              | 3150           |
| Rated C         | urrent (A)                             | 16.2                       | 16.2                              | 15.9           |
| Air Flow        | Volume (m3/h) (H/M/L)**                | 830/670/600                | 830/670/600                       |                |
| Dehumi          | difying Volume (I/h)                   | 3                          | 3                                 |                |
| EER/C           | .O.P (W/W)                             | 2.78                       | 2.78/2.92                         |                |
| Energy          |  | - /                        | /                                 |                |
|                 | Model of Indoor Unit                   | GWCN24DCNK1A1A/I           | GWHN24DCNK1A1A/I                  |                |
|                 | Fan Motor Speed (r/min)<br>(H/M/L)     | 1200/1050/950              | 1200/1050/950                     | 1250/1150/1050 |
|                 | Output of Fan Motor (w)                | 20                         | 20                                |                |
|                 | Input of Heater (w)                    | /                          | /                                 |                |
|                 | Fan Motor Capacitor (uF)               | 1                          | 1                                 |                |
|                 | Fan Motor RLA(A)                       | 0.4                        | 0.4                               |                |
|                 | Fan Type-Piece                         | Cross flow fan – 1         | Cross flow fan – 1                |                |
|                 | Diameter-Length (mm)                   | φ96 X 797                  | φ96 X 797                         |                |
|                 | Evaporator                             | Aluminum fin-copper tube   | Aluminum fin-copper tube          |                |
| Indoor          | Pipe Diameter (mm)                     | Φ7                         | Φ7                                |                |
| unit            | Row-Fin Gap(mm)                        | 2-1.6                      | 2.5-1.6                           |                |
|                 | Coil length (I) x height (H) x         | 785X340.51X25.4            | 785X340.51X25.4                   |                |
|                 | coil width (L)<br>Swing Motor Model    | MP35XX                     | MP35XX                            |                |
|                 | Output of Swing Motor (W)              | 2.5                        | 2.5                               |                |
|                 | Fuse (A)                               | PCB 3.15A Transformer 0.2A | PCB 3.15A Transformer 0.2A        |                |
|                 | Sound Pressure Level dB (A)<br>(H/M/L) | 45/42/39                   | 45/42/39                          |                |
|                 | Sound Power Level dB (A)<br>(H/M/L)*** | /                          | /                                 |                |
|                 | Dimension (W/H/D) (mm)                 | 1020X310X228               | 1020X310X228                      |                |
|                 | Dimension of Package(W/H/D)(mm)        | 1078X325X390               | 1078X325X390                      |                |
|                 | Net Weight /Gross Weight (kg)          | 15/20                      | 15/20                             |                |

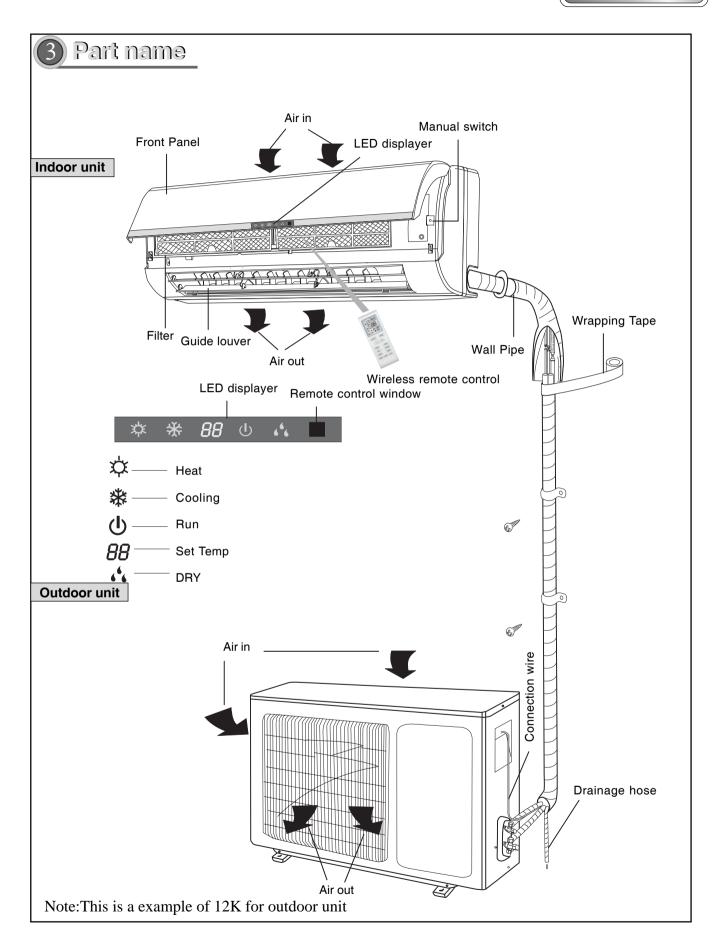
|          | Model of O  | outdoor Unit        | GWCN24DCNK1A1A/O         | GWHN24DCNK1A1A/O         |
|----------|---|---------------------|--------------------------|--------------------------|
|          | Compressor Manufacturer/trademark                                       |                     | Shanghai Hitachi         | Shanghai Hitachi         |
|          | Compressor Model  |                     | SHV33ZC1-S               | SHV33ZC1-S               |
|          | Compressor Type   |                     | rotary compressor        | rotary compressor        |
|          | L.R.A. (A)  |                     | 60                       | 60                       |
|          | Compress  | or RLA(A)           | 9.46                     | 9.46                     |
|          | Compressor Power Input(W)   |                     | 2175                     | 2175                     |
|          | Overload F  | Protector           | 内置                       | 内置                       |
|          | Throttling I  | Vlethod             | Capillary                | Capillary                |
|          | Starting Method   |                     | Capacitor                | Capacitor                |
|          | Working Temp Range ( $^{\circ}$ C)                                      |                     | -7℃ <b>≤</b> T≤43℃       | -7℃≪T≪43℃                |
|          | Condenser   |                     | Aluminum fin-copper tube | Aluminum fin-copper tube |
|          | Pipe Diameter (mm)  |                     | 9.52                     | 8                        |
|          | Rows-Fin Gap(mm)  |                     | 1-1.4                    | 2-1.4                    |
|          | Coil length(I) x height(H) x coil width(L)                              |                     | 765×660×22               | 778×660×38.1             |
|          |   | Speed (rpm) (H/M/L) | 840±20                   | 840±20                   |
|          | Output of Fan Motor (W)   |                     | 68                       | 68                       |
| Outdoor  | Fan Motor RLA(A)  |                     | 1.2                      | 1.2                      |
| unit     | Fan Motor   | Capacitor (uF)      | 3.5                      | 3.5                      |
|          | Air Flow Volume of Outdoor Unit(m <sup>3</sup> /h)                      |                     | 3400                     | 3400                     |
|          | Fan Type-Piece  |                     | Axial fan -1             | Axial fan -1             |
|          | Fan Diameter (mm)   |                     | Ф472                     | Ф472                     |
|          | Defrosting Method   |                     | /                        | Auto defrost             |
|          | Climate Type  |                     | T1                       | T1                       |
|          | Isolation   |                     |                          | 1                        |
|          | Moisture Protection   |                     | IP24                     | IP24                     |
|          | Permissible Excessive Operating<br>Pressure for the Discharge Side(MPa) |                     | 2.5                      | 2.5                      |
|          | Permissible Excessive Operating<br>Pressure for the Suction Side(MPa)   |                     | 0.6                      | 0.6                      |
|          | Sound Pressure Level dB (A) (H/WL)                                      |                     | 57                       | 57                       |
|          | Sound Power Level dB (A) (H/M/L)  |                     | /                        | /                        |
|          | Dimension (W/D/H) (mm)  |                     | 950X412X700              | 950X412X700              |
|          | Dimension of Package (L/W/H)(mm)  |                     | 1100X450X755             | 1100X450X755             |
|          | Net Weight /Gross Weight (kg)   |                     | 59/63                    | 59/63                    |
|          | Refrigerant Charge (kg)   |                     | R22/1.4                  | R22/1.85                 |
|          | Length (m)  |                     | 4                        | 4                        |
|          | Gas additional charge(g/m)  |                     | 50                       | 50                       |
| Connecti | Outer   | Liquid Pipe (mm)    | Ф9.52                    | Ф9.52                    |
| on Pipe  | Diameter  | Gas Pipe (mm)       | Ф16                      | Ф16                      |
|          | Max   | Height (m)          | 5                        | 5                        |
|          | Distance  | Length (m)          | 10                       | 10                       |

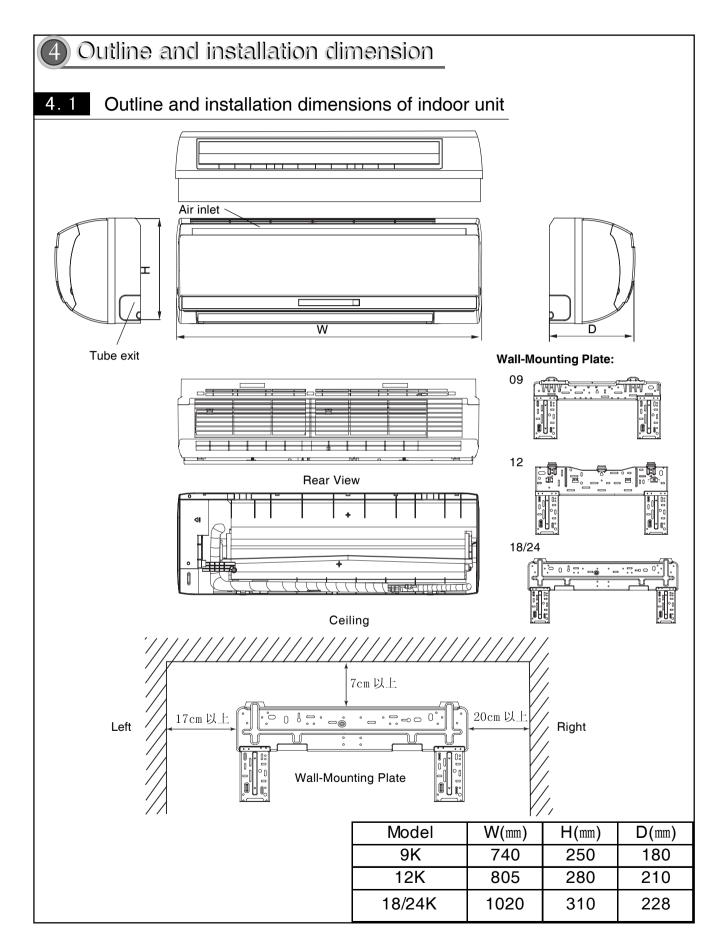
| Model           |  | GWCN24DCND1A1A             | GWHN24DCND1A1A             |                           |
|-----------------|--|----------------------------|----------------------------|---------------------------|
| Function        | ۱  | COOLING                    | COOLING                    | HEATING                   |
| Rated Voltage   |  | 208-230V~                  | 208-230V~                  |                           |
| Rated Frequency |  | 60HZ                       | 60HZ                       |                           |
| Total Ca        | apacity (Btu/h)                                  | 6400 (W)/ 22000(Btu/h)     | 6400 (W)/<br>22000(Btu/h)  | 6800 (W)/<br>23200(Btu/h) |
| Power I         | nput (W)   | 2300                       | 2250                       | 2350                      |
| Rated Ir        | ,  | 2950                       | 2750                       | 2850                      |
| Rated C         | Current (A)                                      | 16                         | 15                         | 15.7                      |
|                 | Volume (m <sup>3</sup> /h) (H/M/L)**             | 850                        | 850                        |                           |
|                 | idifying Volume (I/h)                            | 4                          | 4                          |                           |
| EER/C           | .O.P (W/W)                                       | 2.78                       | 2.84/2.89                  |                           |
| Energy          | Class  | /                          | /                          |                           |
|                 | Model of Indoor Unit                             | GWCN24DCND1A1A/I           | GWHN24DCND1A1A/I           |                           |
|                 | Fan Motor Speed (r/min) (H/M/L)                  | 1350/1200/1050/950         | 1350/1200/1050/950         | 1420/1250/1150/105        |
|                 | Output of Fan Motor (w)                          | 20                         | 20                         |                           |
|                 | Input of Heater (w)                              | /                          | /                          |                           |
|                 | Fan Motor Capacitor (uF)                         | 1                          | 1                          |                           |
|                 | Fan Motor RLA(A)                                 | 0.1                        | 0.1                        |                           |
|                 | Fan Type-Piece                                   | Cross flow fan – 1         | Cross flow fan – 1         |                           |
|                 | Diameter-Length (mm)                             | φ96X840                    | φ96X840                    |                           |
|                 | Evaporator                                       | Aluminum fin-copper tube   | Aluminum fin-copper tube   |                           |
|                 | Pipe Diameter (mm)                               | ¢7                         | ¢7                         |                           |
| Indoor          | Row-Fin Gap(mm)                                  | 2-1.6                      | 2-1.6                      |                           |
| unit            | Coil length (I) x height (H) x coil<br>width (L) | 785X195X25.4               | 785X195X25.4               |                           |
|                 | Swing Motor Model                                | MP35XX                     | MP35XX                     |                           |
|                 | Output of Swing Motor (W)                        | 2                          | 2                          |                           |
|                 | Fuse (A)   | PCB 3.15A Transformer 0.2A | PCB 3.15A Transformer 0.2A |                           |
|                 | Sound Pressure Level dB (A)<br>(H/WL)            | 48/46/42                   | 48/46/42                   |                           |
|                 | Sound Power Level dB (A)<br>(H/M/L)***           | 58/56/52                   | 58/56/52                   |                           |
|                 | Dimension (W/H/D) ( mm)                          | 1020X310X228               | 1020X310X228               |                           |
|                 | Dimension of Package(W/H/D)(mm)                  | 1078X390X325               | 1078X390X325               |                           |
|                 | Net Weight /Gross Weight (kg)                    | 15/20                      | 15/20                      |                           |

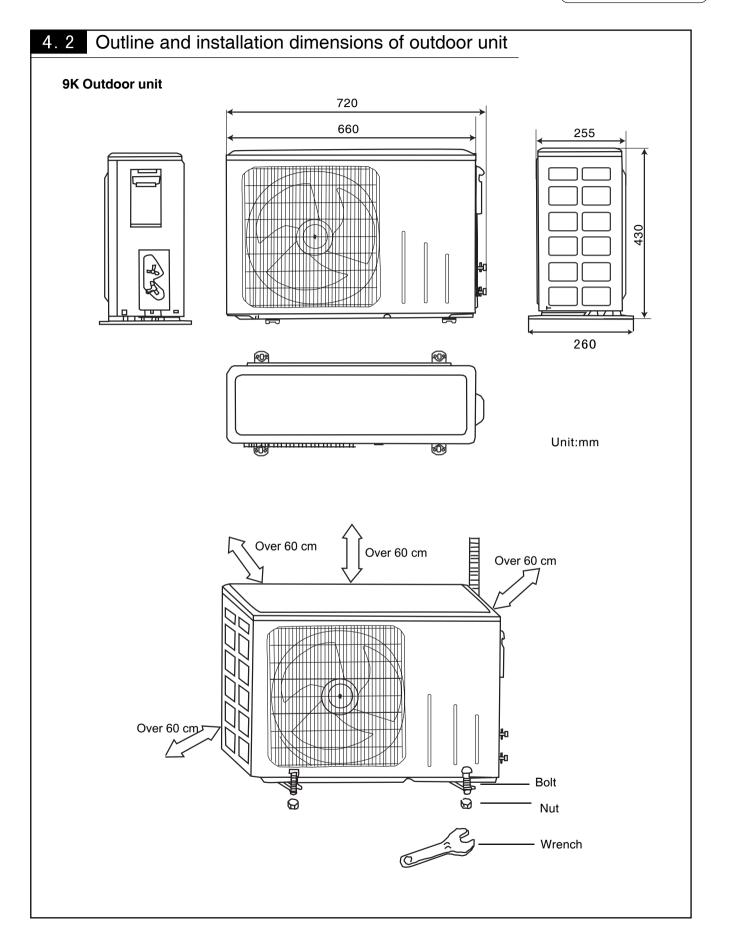
L

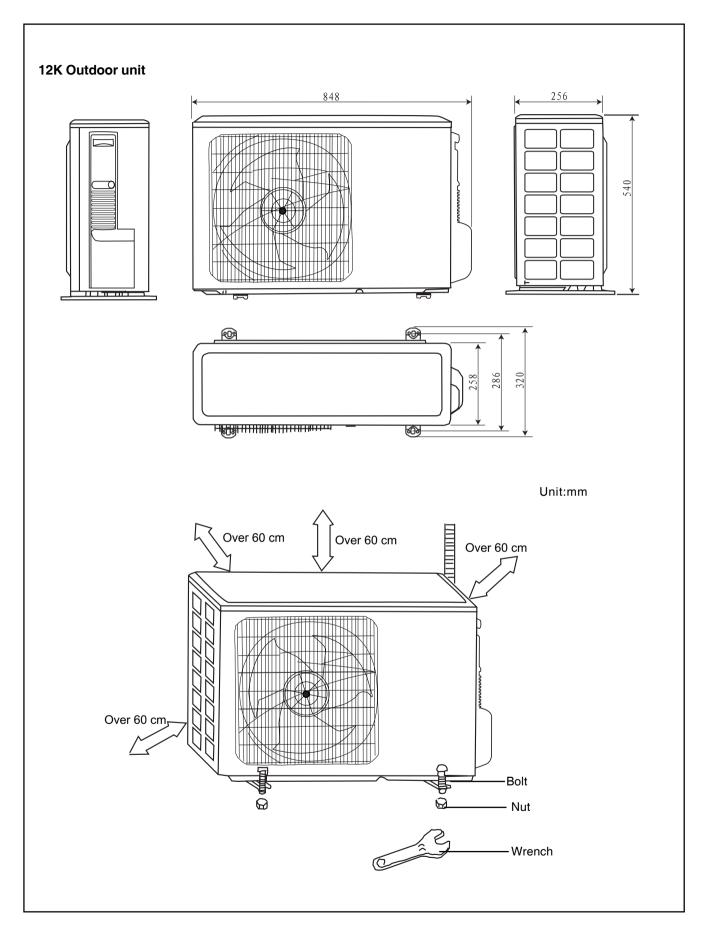
|          | Model of Outdoor Unit   |                   | GWCN24DCND1A1A/O         | GWHN24DCND1A1A/O         |
|----------|---|-------------------|--------------------------|--------------------------|
|          | Compressor Manufacturer/trademark                                       |                   | Shanghai Hitachi         | Shanghai Hitachi         |
|          | Compressor Model  |                   | SHY73MC4-U               | SHY73MC4-U               |
|          | Compressor Type   |                   | ROTARY                   | ROTARY                   |
|          | L.R.A. (A)  |                   | 56                       | 56                       |
|          | Compress  | or RLA(A)         | 10                       | 10                       |
|          | Compress  | or Power Input(W) | 2130                     | 2130                     |
|          | Overload F  | Protector         | /                        | /                        |
|          | Throttling N  | <i>l</i> lethod   | Capillary                | Capillary                |
|          | Starting Me   | ethod             | Capacitor                | Capacitor                |
|          | Working Temp Range (°C)   |                   | 21-43                    | -7-43                    |
|          | Condenser   |                   | Aluminum fin-copper tube | Aluminum fin-copper tube |
|          | Pipe Diameter (mm)  |                   | ¢9.52                    | ¢ 7.94                   |
|          | Rows-Fin Gap(mm)  |                   | 1-25.4                   | 2-1.6                    |
| Outdoor  | Coil length(I) x height(H) x coil width(L)                              |                   | 660X735X22               | 660X770X38.1             |
|          | Fan Motor Speed (rpm) (H/WL)  |                   | 830                      | 830                      |
|          | Output of Fan Motor (W)   |                   | 68                       | 68                       |
|          | Fan Motor RLA(A)  |                   | 0.3                      | 0.3                      |
| unit     | Fan Motor Capacitor (uF)  |                   | 3.5                      | 3.5                      |
|          | Air Flow Volume of Outdoor Unit(m <sup>3</sup> /h)                      |                   | 3000                     | 3000                     |
|          | Fan Type-Piece  |                   | Axial fan -1             | Axial fan -1             |
|          | Fan Diameter (mm)   |                   | ¢ 472                    | ¢ 472                    |
|          | Defrosting Method   |                   | /                        | Auto defrost             |
|          | Climate Type  |                   | T1                       | T1                       |
|          | Isolation   |                   | I                        | I                        |
|          | Moisture Protection   |                   | IP24                     | IP24                     |
|          | Permissible Excessive Operating<br>Pressure for the Discharge Side(MPa) |                   | 2.5                      | 2.5                      |
|          | Permissible Excessive Operating<br>Pressure for the Suction Side(MPa)   |                   | 0.6                      | 0.6                      |
|          | Sound Pressure Level dB (A) (H/W/L)                                     |                   | 57                       | 57                       |
|          | Sound Power Level dB (A) (H/M/L)  |                   | 65                       | 65                       |
|          | Dimension (W/D/H) (mm)  |                   | 950X412X700              | 950X412X700              |
|          | Dimension of Package (L/W/H)(mm)  |                   | 1100X450X755             | 1100X450X755             |
|          | Net Weight /Gross Weight (kg)   |                   | 51/56                    | 59/64                    |
|          | Refrigerant Charge (kg)   |                   | R22/1.4                  | R22/1.95                 |
|          | Length (m)  |                   | 7.5                      | 7.5                      |
|          | Gas additional charge(g/m)  |                   | 0                        | 0                        |
| Connecti | Outer   | Liquid Pipe (mm)  | ¢ 9.52                   | ¢ 9.52                   |
| on Pipe  | Diameter  | Gas Pipe (mm)     | ¢ 16                     | ¢ 16                     |
|          | Max   | Height (m)        | 5                        | 5                        |
|          | Distance  | Length (m)        | 10                       | 10                       |

L

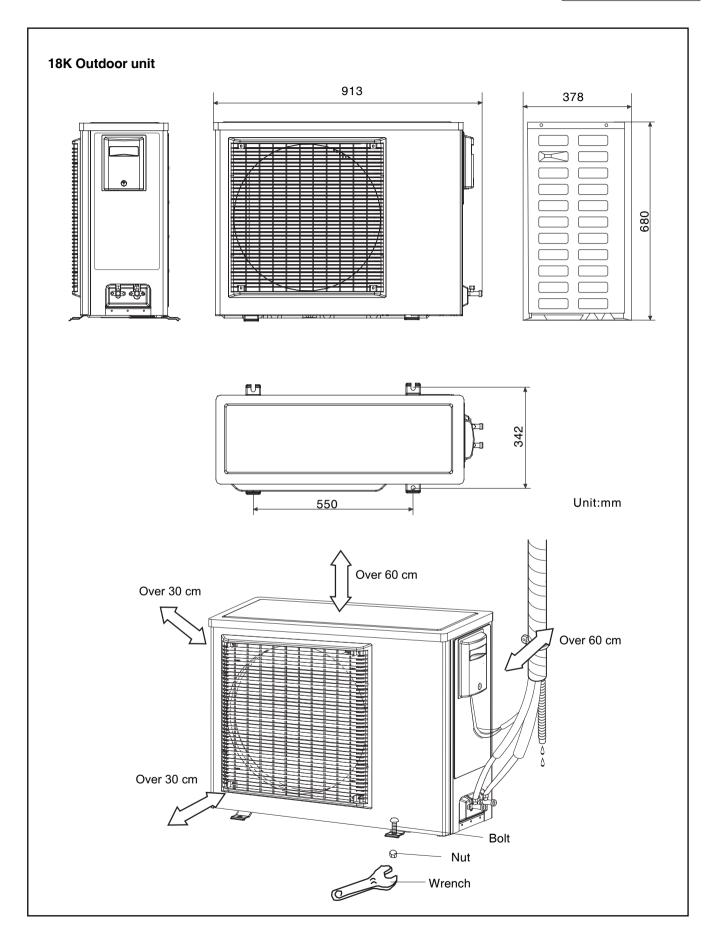


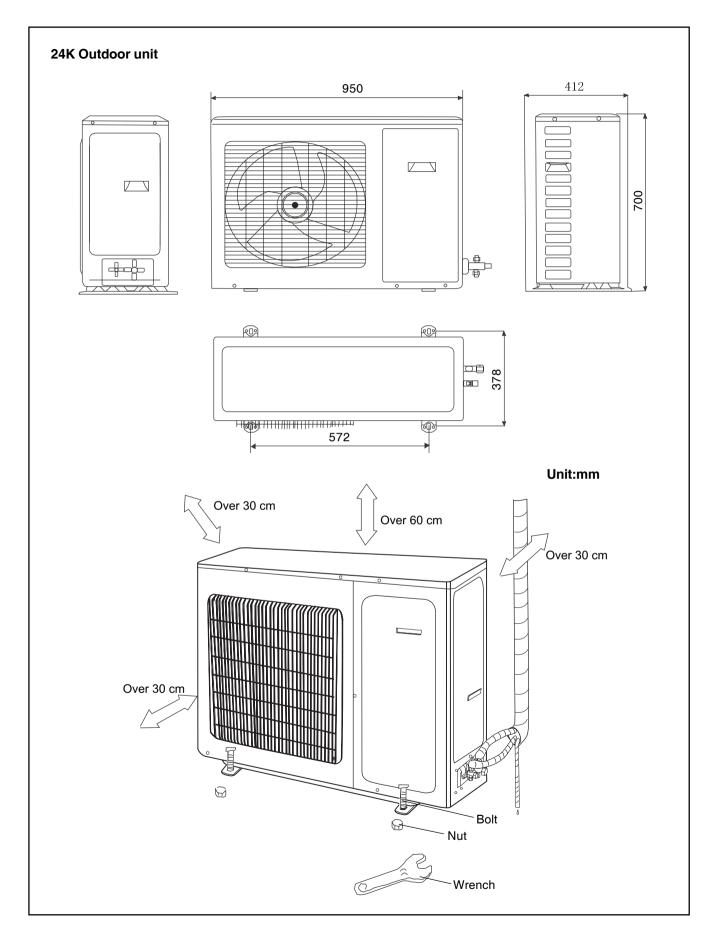


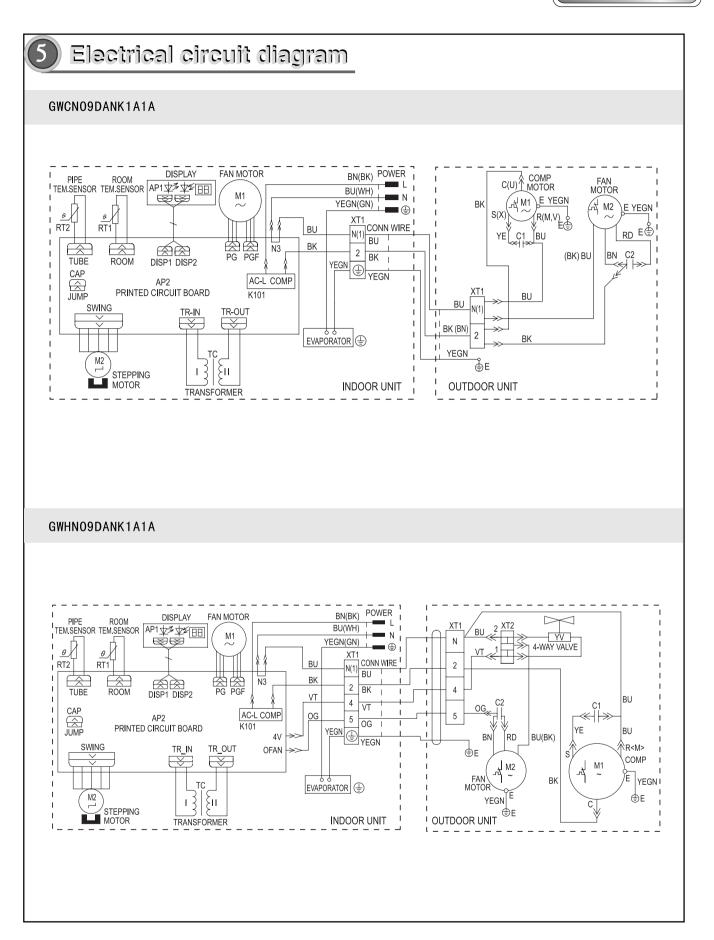


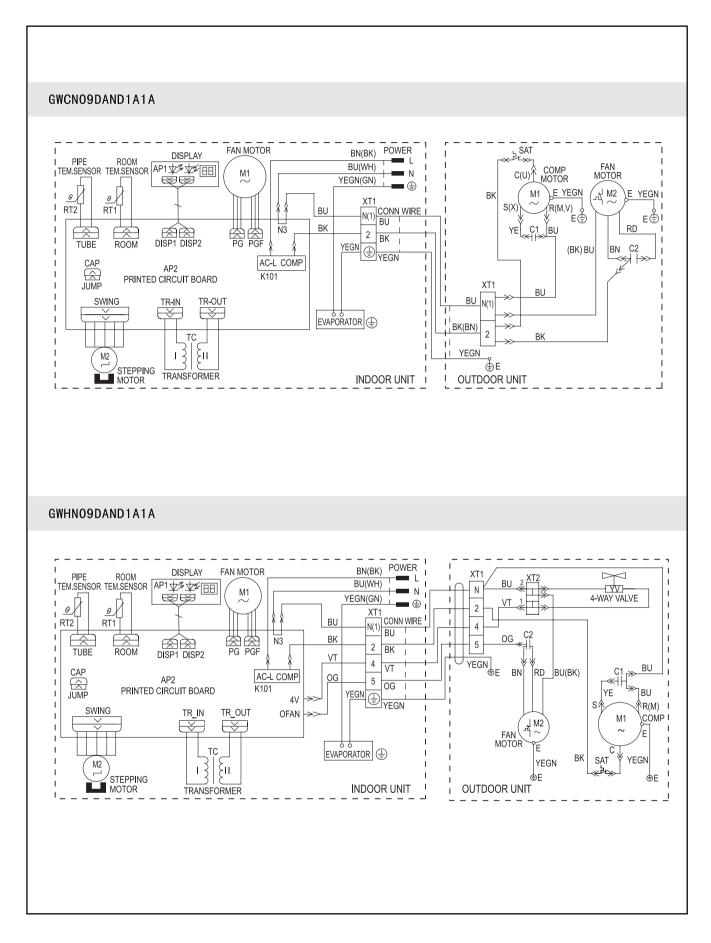


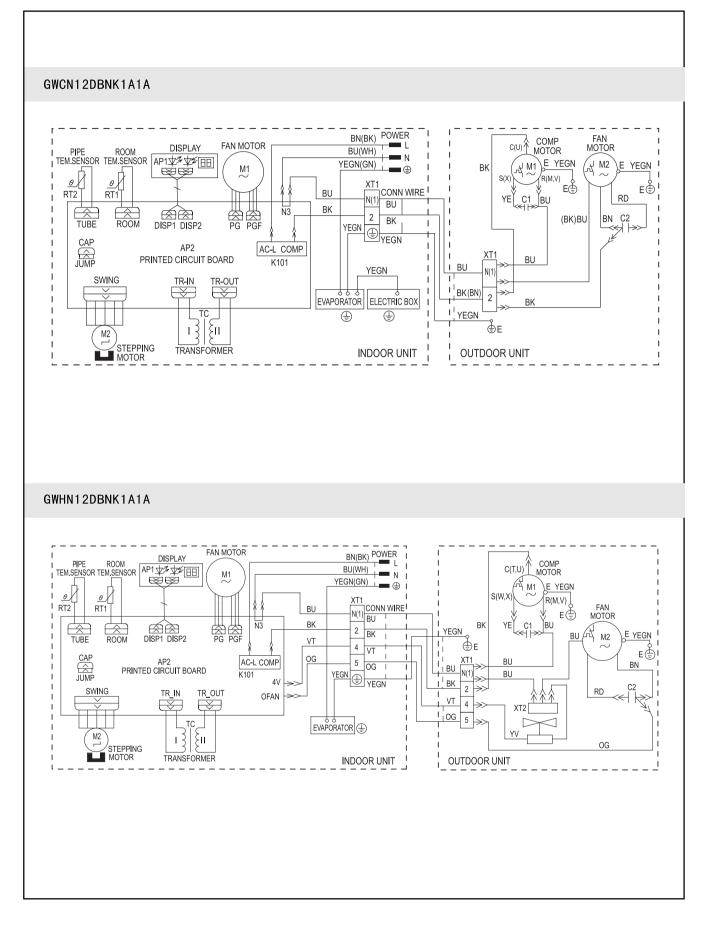
-24 -

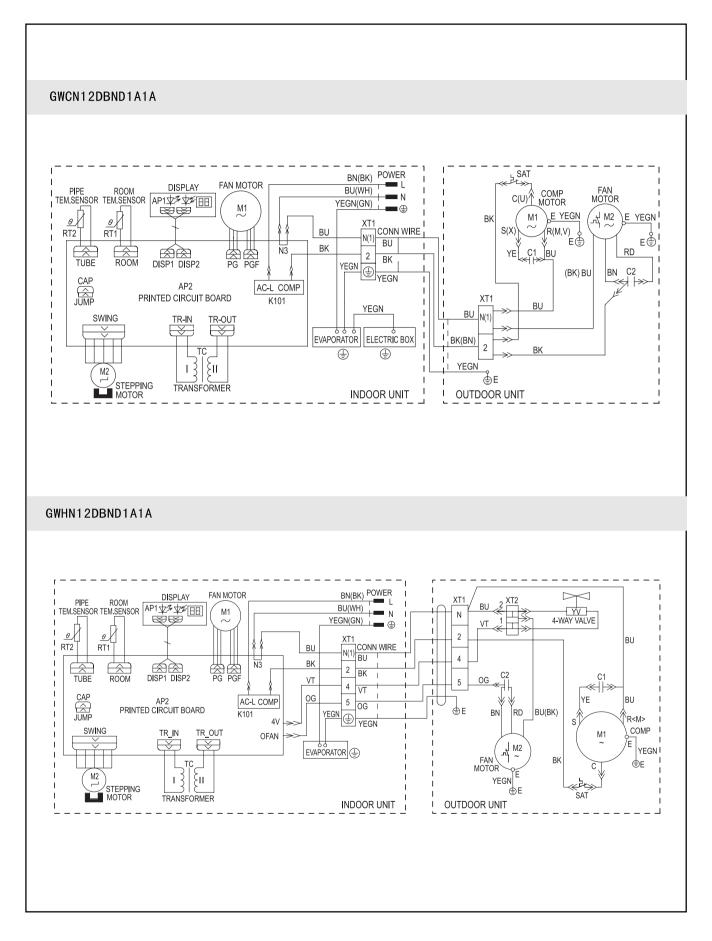


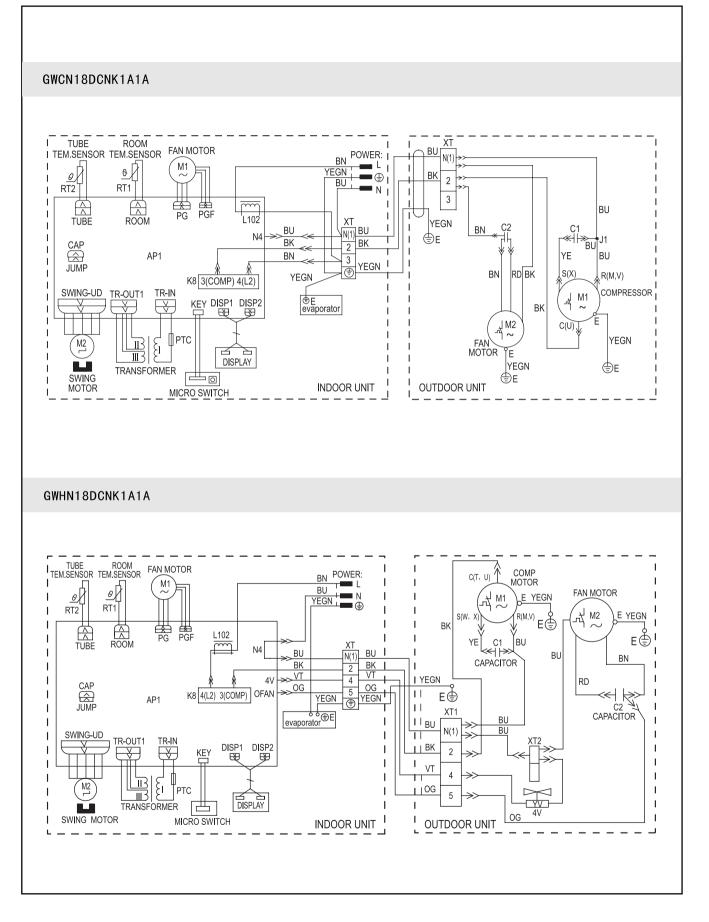


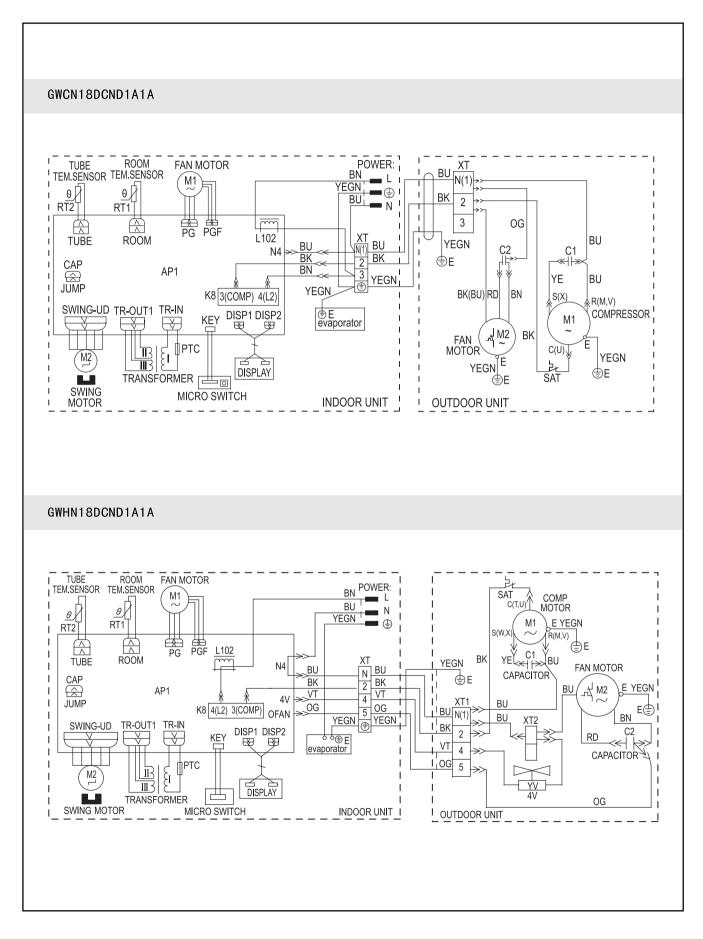


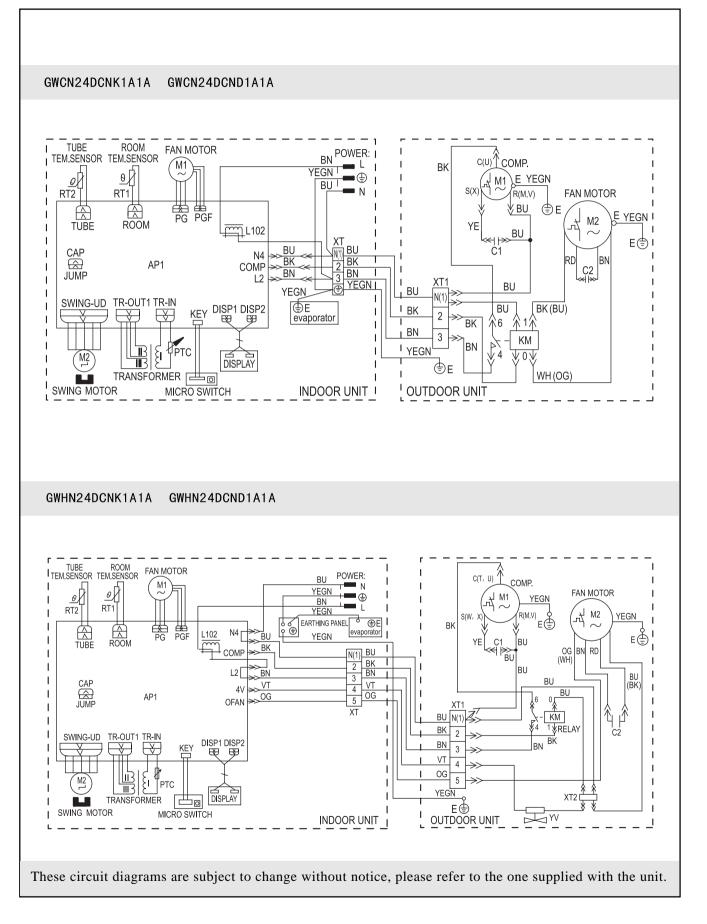












## PCB function manual and operation method

#### 6 Manual 1 of functions of remote controller

This manual is applicable to 09K, 12K models, the centigrade is used for the following function manual, if there will be the Fahrenheit degree, that will be TF= TCX1.8+32.

#### 6.1.1 Temperature parameter

- The room setting temperature(Tpreset)
- The room ambient temperature (Tamb)

#### 6.1.2Basic Functions

Once energized, the compressor should in no way be restarted unless after 3-minute time interval at least. For the first energization, the compressor will be started without 3-minute lag. The compressor, once started will not be stopped within 6 minutes with the change of room temperature.

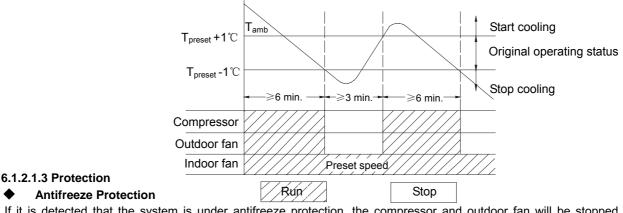
#### 6.1.2.1 Cooling Mode

#### 6.1.2.1.1 Cooling Conditions and Process

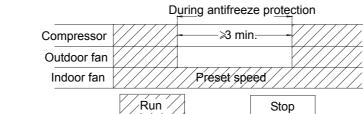
When T amb.≥T preset +1℃, the unit will run under cooling mode, in which case the compressor and outdoor fan will start and the indoor fan will run at setting speed.

When T<sub>amb.</sub>≤T<sub>preset</sub> -1°C, the compressor and the outdoor fan will stop, the indoor fan will run at setting speed. When  $T_{preset} - 1^{\circ}C < T_{amb.} < T_{preset} + 1^{\circ}C$ , the unit will maintain its original operating status.

Under this mode, the switchover valve will not be powered on, and the setting temperature range is  $16 \sim 30$ 



If it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at setting speed. When antifreeze protection is released and the compressor has stopped for 3 minutes, the unit will resume its original operating status.



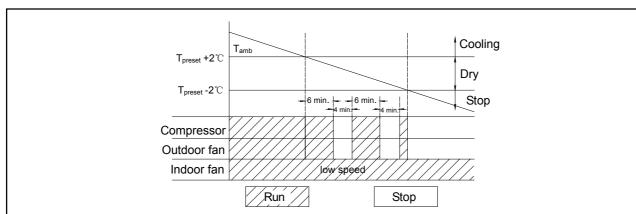
### 6.1.2.2 DRY Modes

6.1.2.2 .1 The conditions and process of DRY When Tamb. > Tpreset+2°C, the unit will run under DRY cooling mode, in which case the compressor and outdoor fan will be started and the indoor fan will run at low speed.

When T<sub>preset</sub> -2℃≤T<sub>amb</sub>.≤T<sub>preset</sub> +2℃, the unit will run under DRY mode, in which case the indoor fan will keep run at low speed, the compressor and the outdoor fan will be stopped after 6 minutes . After 4 minutes, the compressor and the outdoor fan will be restarted. The dehumidifying process is so repeated in cycle.

When T<sub>amb</sub> < T<sub>preset</sub>-2°C, the compressor and outdoor fan will be stopped, the indoor fan will run at low speed.

Under this mode, the switchover valve will not be powered on, and the setting temperature range is  $16 \sim 30^{\circ}$ C.



#### 6.1.2.2.3 Protection

#### Antifreeze Protection

Upon meeting the cooling condition, if it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at low speed. When antifreeze protection is released and the compressor has stopped for 3 minutes, the complete unit will resume its original operating status.

Upon meeting the dehumidify condition, if it is detected that the system is under antifreeze protection, the com -pressor and outdoor fan will be stopped, and the indoor fan will run at low speed. When antifreeze protection is released and the compressor has stopped for 4 minutes, the complete unit will resume its original operating status.

#### 6.1.2.3 HEAT Mode (there is no this mode for cooling only unit)

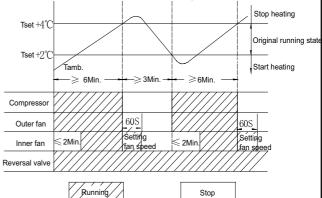
#### 6.1.2.3 .1The conditions and process of heating

When Tamb  $\leq$  Tset +2  $^{\circ}$ , the system enters heating running, in this case, the reversal valve, compressor, outer fan enter simultaneously running. The indoor fan will delay at most for 2min to run.

When Tamb  $\ge$  Tset +4 °C, the compressor and outdoor fan will stop, but the reversal valve is still with power on, the indoor unit will run at setting fan speed for 60s then will stop.

When Tset +2  $^{\circ}C$  < Tamb < Tset +4  $^{\circ}C$ , the unit will maintain its original operating status.

> Under this mode, the switchover valve will be powered on, and the setting temperature range is16 ~30 °C.



#### 6.1.2.3.3 Conditions and processes of defrost

This unit adopt intelligent defrosting, it can defrost according to the frosting conditions, dual 8 display H1

#### 6.1.2.3.4 Protection

#### High Temp. Protection

If it is detected that the evaporator tube temperature is too high, the outdoor fan will be stopped. When the tube temperature resumes to normal, the outdoor fan will be restarted.

• Noise Silencing Protection: If the unit is stopped by pressing ON/OFF, the reversal valve will be stopped after 2-minute lag; or 2 minutes will be delayed upon mode switching.

#### 6.1.2.4 Fan mode

Under FAN mode, only the indoor fan runs at setting speed. The RUN indicator will be bright. Double 8 module indicator will display the setting temperature. When stand by, the power indicator is bright but the unit does not run.

#### 6.1.2.5 Auto Mode

Under this mode, the system will automatically select its run mode (cool, dehumidify, heat or fan) with the change of ambient temperature. For protection function, same as under cooling and heating mode.

#### 3. Other controls

#### 1. Memory function

Memory contents: Mode, up and down swing, Light, Setting temp., Setting fan speed, Ordinary setting Fahrenheit/Centigrade, after powered off, and powered on, it will run at the memory contents. If no timer setting function in last remote control order, the system will memorize the last remote control order, the system will memorize the last remote control order and work with last remote control setting. In the last remote control order, there is ordinary timer function, if power off happen beffore the timer arrived, the system will memorize the last remote control timer function, and will recalculate. If there is timer function in last remote control order, but timer has arrive, system will run at timer on or timer off and power off, after repowered on, the system will run at the mode before power off.

#### (2) Timer function

#### 1.Ordinary Timer setting:

Timer on: Under unit off, the timer on function could be set up, if timer on has arrived, controller will run at setting mode, the timer interval is 0.5hr, setting range is 0.5-24hrs.

Timer off: Under unit off, the timer off function could be set up, if timer off has arrived, controller will run at setting mode, the timer interval is 0.5hr, setting range is 0.5-24hrs.

<sup>2</sup>Timer setting for hour:

Timer on: if system is running, to set timer on, the system will continue to run, if unit is off to set up timer on, when timer on has arrived, the system will run at pressetting mode.

Timer off: If system is off to set up the timer off, when to set up timer off, the unit will stand by, when unit is on, to set up timer off, when the timer off arrived, the system will stop to work.

Timer setting change:

When system is in Timer status, can set up timer on and timer off by wireless remote control, to reset up Timer also, the system will run at last setting status.

When system is running, at the same time to set up Timer on and Timer off, the system will keep the present setting status, when time arrived, system will stop to work.

When system stop, at the same time to set up Timer on and Timer off, the system will stop, untile the timer arrived, the system will start to work.

Hereafter, when timer of timer on in every day arrived, it will run the presetting modes, after timer off arrived, the system will stop.

(3) Auto button

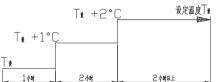
After powered on, press this button, it will run at Auto mode, when repressed, the unit will turns off.

(4) Buzzer

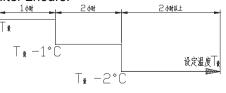
The controller is powered on and detect the signal received, the buzzer will beep.

(5) Sleep function

Under cooling or dehumidifying mode, the preset temperature will automatically rise by 1 °C, ine hour after setting of sleep program and rise by 1°C after 2hours.



Under heating mode, the preset temperature will automatically decrease by 1°C one hour after setting of sleep program and decrease by another 1°C after 2hours.



(6) Turbo function

The turbo function is available in Cool and Heat modes.

(7) Dry function

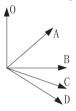
Dry function is available in Cool and Dehumidifying modes.

(8) Auto fan speed control

In this mode, indoor fan can run with Hig, Mid, Low speeds.

(9) Up and down swing control

After powered on, the lower swing motor will firstly rotate the guide louver to position 0, close up the air outlet vent; After unit turned on, if to set up swing function, when indoor fan stop running, the guide louver will stop at current position, inner fan motor is running, guide louver will resume to swing.From Cool, Dry, Fan modes to Heat mode, the guide louver will be opened at D position, when turn on swing will run at (A-D); from Heat mode to Cool, Dry, Fan mode, the fan louver will turn to B position, if turn on the swing, it will run at (A-C).



(10) Displayer

① Running figure and mode figure display

After powered on, the figure will be displayed, then only Power/running indicator turn on. When using remote conroller to open the unit, it will turn on, at the same time to display current setting running modes.

2 Dual 8 display

When the unit is turned on, after powered on, the nixie tube will display the setting temp.(setting range is 16-30  $^{\circ}$ C). Under Auto mode, cooling and fan will display 25  $^{\circ}$ C, heating will display 20  $^{\circ}$ C, cooling only control display 25  $^{\circ}$ C.

(11) PG motor lock protection

When turn on the fan motor, if motor continuously run for a while and the running speed is very slow, in order to prevent motor automatically self-protection, it will stop running and display lock; If currently turns unit on, that dual 8 will display lock error code H6; If current is unit off, will not display the block error information.

#### 6.2 Manual 2 of functions of remote controller

This manual is applicable to 18K, 24K models, the centiorade is used for the following function manual, if there will be the Fahrenheit degree, that will be TF= TCX1.8+32.

#### 1. Temperature parameter

#### The room setting temperature(Tpreset)

#### The room ambient temperature (Tamb)

#### **2 Basic Functions**

Once energized, the compressor should in no way be restarted unless after 3-minute time interval at least for the first energization, the compressor will be started without 3-minute lag. The compressor, once started, will not be stopped within 6 minutes with the charge of room temperature.

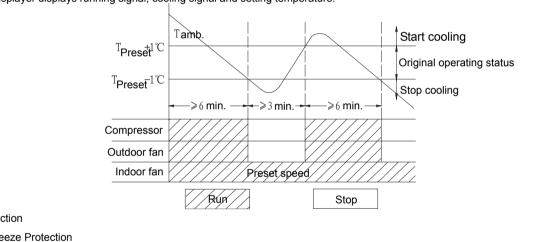
#### (1) Cooling Mode

#### (1) Cooling Conditions and Process

When Tamb. Tpreset +1 °C the unit will run under cooling mode, in which case the compressor and outdoor fan will start and the indoor fan will run at setting speed.

When Tamb Treset -1°C, the compressor and the outdoor fan will stop, the indoor fan will run at setting speed. When Tpreset – 1°C <Tamb < Tpreset + 1°C, the unit will maintain its original operating status.

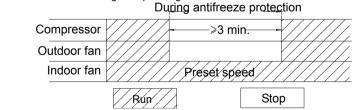
> Under this mode, the four-way valve will not be powered on and the setting temperature range is 16-30 °C. The displayer displays running signal, cooling signal and setting temperature.



#### ② Protection

#### ◆ Antifreeze Protection

If it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at setting speed. When antifreeze protection is released and the compressor has stopped for 3 minutes, the unit will resume its original operating status.



#### (3) Over current protection

If it is detected that the system amperage exceeds the specified value(about 22 A), the main unit will enter into the status that only the fan is running. After 3 minutes and overcurrent protection is released, the main unit will resume its original operating status. If it is 6 times continuously detected overcurrent protection (if the compressor has run over 6 mins continuously, the times of protection will be cleared), the main unit will be stopped on standby, the nixietube will display error code "E5", power indicator will blink and it is need to restart the unit by the wireless remote control.

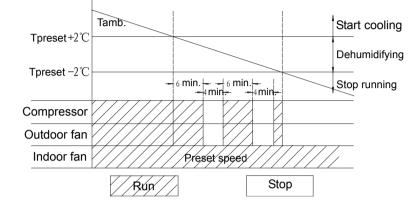
#### (2) DRY Modes

① DRY Modes When Tamb.>Tpreset+2°C, the unit will run under DRY cooling mode, in which case the compressor and outdoor fan will

be started and the indoor fan will run at low speed. When Tpreset  $-2^{\circ}$  Tamb.  $\leq$  Tpreset  $+2^{\circ}$  , the unit will run under Dry mode, in which case the indoor fan will keep run at low speed, the compressor and outdoor fan will be stopped after 6mins. After 4 minutes, the compressor and outdoor fan will be restarted. The dehumidifying process is so repeated in cycle.

When Tamb. < Tpreset - 2°C, the compressor and outdoor fan will be stopped, the indoor fan will run at low speed.

> Under this mode, the switchover valve will not be powered on and the setting temperature range is 16-30 °C.



#### ② Protection

#### Antifreeze Protection

Under dehumidifying and cooling mode, if it is detected that the system is under antifreeze protection, the compressor and and outdoor fan will be stopped, and the indoor fan will run at low speed. When antifreeze protection is released and the and outdoor lan will be stopped, and the motor lan will run at low speed. When antifreeze protection is released and the the compressor has stopped for 3 minutes, the complete unit will resume its original operating status. Upon meeting "run 6 mins and stop 4 mins" dehumidify condition, if it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at low speed. When antifreeze protection is released and the compressor has stopped for 4 minutes, the complete unit will resume its original operating

The other protections are the same with that under Cool mode.

(3) HEAT Mode (there is no this mode for cooling only unit)

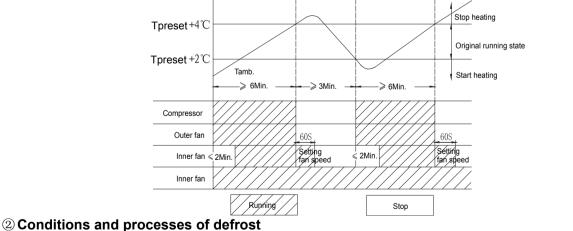
#### (1) The conditions and process of heating

When Tamb  $\leq$  Tset+2 °C ,the system enters heating running, in this case, the reversal valve, compressor, outer fan enter simultaneously running. The indoor fan will delay at most for 2min to run.

When Tamb  $\geq$  Tset+4 °C the compressor and outdoor fan will stop, but the reversal valve is still with power on. the indoor unit will run at setting fan speed for 60s then will stop .

When Tset+2°C<Tamb < Tset + 4 °C , the unit will maintain its original operating status.

 $\succ$  Under this mode, the switchover valve will be powered on and the setting temperature range is 16-30  $^\circ\!{
m C}$  .



This unit adopt intelligent defrosting it can defrost according to the frosting conditions dual 8 display H1

#### ③ **Protection**

Anti-high temperature protection

If it is detected that the evaporator tube temperature is too high, the outdoor fan will be stopped. When the tube temperature resumes to normal, the outdoor fan will be restarted.

#### Noise Silencing Protection

If the unit is stopped by pressing ON/OFF, the reversal valve will be stopped after 2-minute lag; or 2 minutes will be delayed upon mode switching.

④ Over current product

The overcurrent protection is the same with the the over current protection under cool mode.

#### (4) Fan mode

Under FAN mode, only the indoor fan runs at setting speed. The RUN indicator will be bright. Double 8 module indicator will display the setting temperature. When stand by, the power indicator is bright but the unit does not run.

#### (5) Auto Mode

Under this mode, the system will automatically select its run mode (cool, dehumidify, heat or fan) with the change of ambient temperature. For protection function, same as under cooling and heating mode.

#### 3 Other controls

#### (1) Timer function

① Ordinary Timer setting:

timer on: Under unit off, the timer on function could be set up, if timer on has arrived, controller will run at setting mode, the timer interval is 0.5hr, setting range is 0.5-24hrs.

Timer off: Under unit off, the timer off function could be set up, if timer off has arrived, controller will run at setting mode, the timer interval is 0.5hr, setting range is 0.5-24hrs.

<sup>(2)</sup> Timer setting for hour:

Timer on: if system is running, to set timer on, the system will continue to run, if unit is off to set up timer on, When timer on has arrived, the system will run at pressetting mode.

Timer off: If system is off to set up the timer off, when to set up timer off, the unit will stand by, when unit is on, to set up timer off, when the timer off arrived, the system will stop to work.

Timer setting change:

When system is in Timer status, can set up timer on and timer off by wireless remote control, to reset up Timer also, the system will run at last setting status.

When system is running, at the same time to set up Timer on and Timer off, the system will keep the present setting status, when time arrived, system will stop to work.

When system stop, at the same time to set up Timer on and Timer off, the system will stop, untile the timer arrived, the system will start to work.

Hereafter, when timer of timer on in every day arrived, it will run the presetting modes, after timer off arrived, the system will stop.

#### (2) Auto button

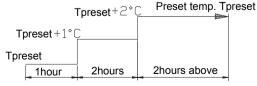
After powered on, press this button, it will run at Auto mode, when repressed, the unit will turns off.

#### (3) Buzzer

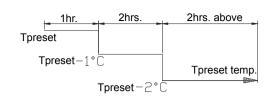
The controller is powered on and detect the signal received, the buzzer will beep.

(4) Sleep function

Under cooling or dehumidifying mode, the preset temperature will automatically rise by 1°C, ine hour after setting of sleep program and rise by 1°Cafter 2hours.



Under heating mode, the preset temperature will automatically decrease by  $1^{\circ}$  one hour after setting of sleep program and decrease by another  $1^{\circ}$  after 2hours.



#### $(\ 5\ )$ Turbo function

The turbo function is available in Cool and Heat modes.

#### (6) Dry function

Dry function is available in Cool and Dehumidifying modes.

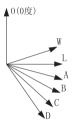
#### (7) Auto fan speed control

In this mode, indoor fan can run with Hig, Mid, Low speeds.

#### (8) Up and down swing control

After powered on, the lower swing motor will firstly rotate the guide louver to position 0, close up the air outlet vent; After unit turned on, if to set up swing function, when indoor fan stop running, the guide louver will stop at current position, inner fan motor is running, guide louver will resume to swing.From Cool, Dry, Fan modes to Heat mode, the guide louver will be opened at D position, when turn on swing will run at (A-D); from Heat mode to Cool, Dry, Fan mode, the fan louver will turn to B position, if turn on the swing, it will run at (A-C). When unit is turned off, the guide louver will turn to position 0, the swing is only available after preset the swing function, and indoor unit is running.

Note: When to set up at position L to B, A to C, B to D, the guide louver will swing between position W to D.



#### (9) Displayer

① Running figure and mode figure display

After powered on, the figure will be displayed, then only Power/running indicator turn on. When using remote conroller to open the unit, it will turn on, at the same time to display current setting running modes.

#### 2 Dual 8 display

When the unit is turned on, after powered on, the nixie tube will display the setting temp.(setting range is  $16-30^{\circ}$ C). When the preset temperature display signal has been received, the nixie tube will display the preset temperature; If the display ambient temperature signal has been received, the nixie tube will display the current indoor ambient temperature, if to set up others by remote controller that the display will maintain its status. At displaying ambient temperature, the unit received the remote control signal, it will display 5s preset temperature then turn to ambient temperature display. The ambient temperature sensor malfunction will display F1; Indoor tube sensor will display F2, wire jumper cap protection displays C5.

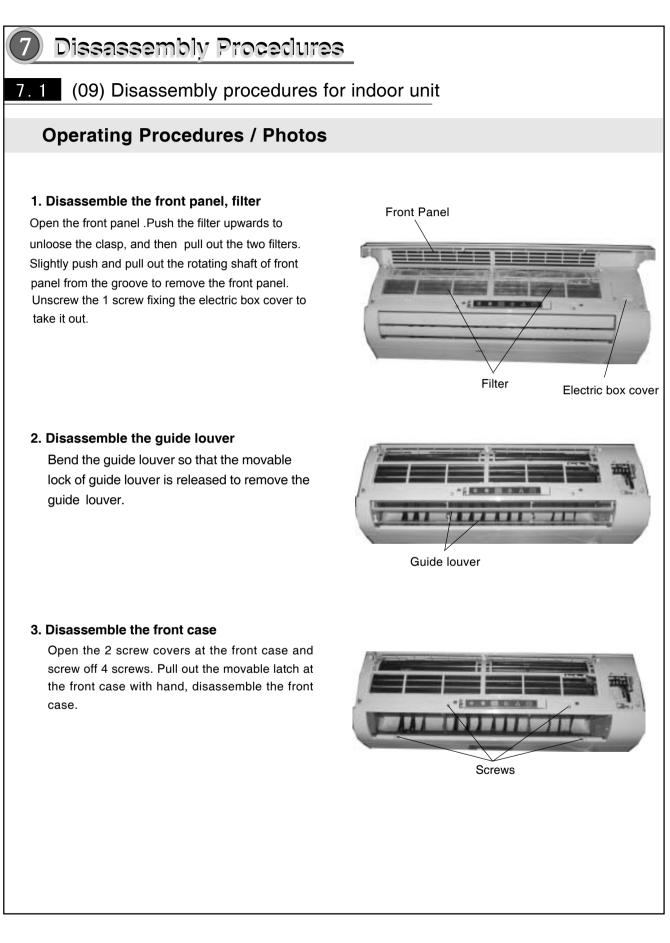
#### (10) PG motor lock protection

When turn on the fan motor, if motor continuously run for a while and the running speed is very slow, in order to prevent motor automatically self-protection, it will stop running and display lock; If currently turns unit on, that dual 8 will display lock error code H6; If current is unit off, will not display the block error information.

### (11) Power-off Memory

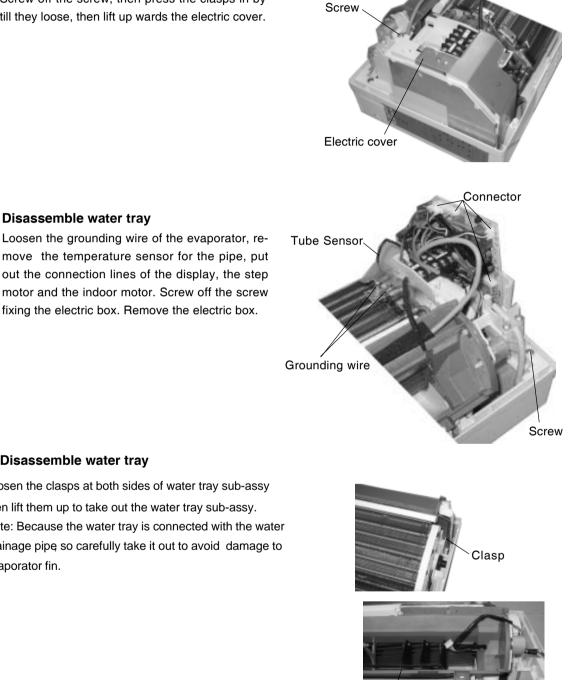
Memory contents: Mode, UP/DOWN Swing, light, Set temp, Set fan speed.

After de-energized, and re-energized, the unit will start to run with the memory function automatically. The system, if the last remote control signal do not set timer function, will memorize the last remote control signal and run according to it. If the last remote control signal has set timer function, the system is de-energized before the set time, when re-energized, the system will memorize the timer function, the set time will recalculate. If the last remote control signal has set timer function and the system is de-energized before the running status before de-energized.



#### 4. Disassemble the electric cover

Screw off the screw, then press the clasps in by till they loose, then lift up wards the electric cover.



Water tray

Clasp

### out the connection lines of the display, the step

5. Disassemble water tray

motor and the indoor motor. Screw off the screw fixing the electric box. Remove the electric box.

#### 6. Disassemble water tray

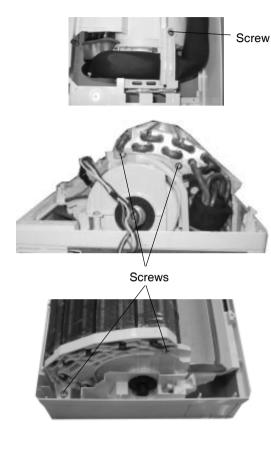
Loosen the clasps at both sides of water tray sub-assy then lift them up to take out the water tray sub-assy. Note: Because the water tray is connected with the water drainage pipe so carefully take it out to avoid damage to evaporator fin.

### 7. Disassembling the evaporator

Screw off one screw which fix the connection pipe clamp. Take off the connection pipe clamp.

#### CAUTION:

When repair, Carefully take out the evaporator and pay attention to protect the connecting pipe.

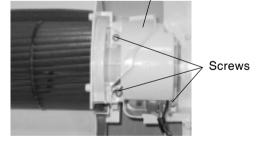


#### 8. Disassembling motor and cross flow fan

Screw off 4 screws fixing the motor cover and then take the motor cover out.

Screw off the holding screw at the left shaft sleeve of the cross flow fan, pull out the motor, and remove the cross flow fan.





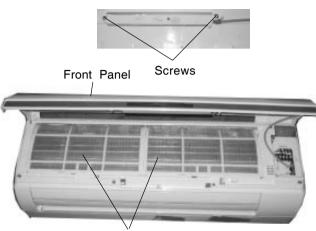


## 7.2 (12) Disassembly procedures for indoor unit

### **Operating Procedures / Photos**

#### 1. Disassemble the front panel, filter

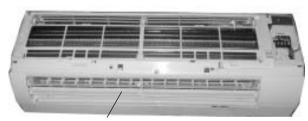
Open the front panel .Push the filter upwards to unloose the clasp, and then pull out the two filters. Slightly push and pull out the rotating shaft of front panel from the groove.Unscrew the 2 screws fixing the displayer box to take out the displayer so that the front panel can be taken out.





#### 2. Disassemble the guide louver

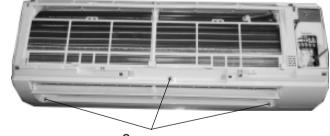
Bend the guide louver so that the movable lock of guide louver is released to remove the guide louver.



Guide louver

#### 3. Disassemble the front case

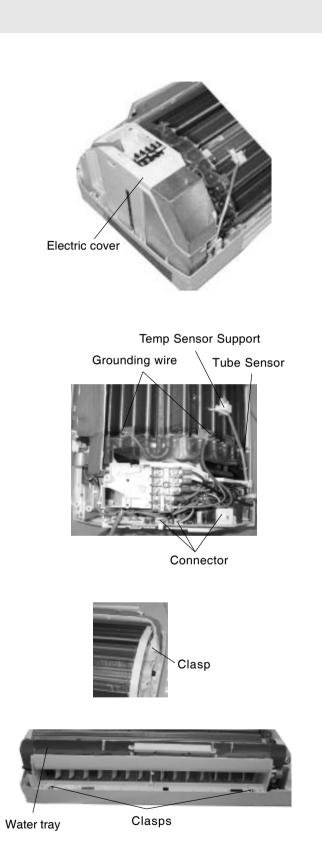
Open the 2 screw covers at the front case and screw off 4 screws. Pull out the movable latch at the front case with hand and then pull it backwards to disassemble the front case.



Screws

#### 4. Disassemble the electric cover

Press the clasps in by till they loose, then lift up wards the electric cover.



#### 5. Disassemble the electric box

Screw off the grounding wire of the evaporator, remove the tube sensor and temp sensor support, put out the connection lines for the step motor and the indoor motor. Screw off the screws fixing the electric box. Remove the electric box.

#### 6. Disassemble water tray

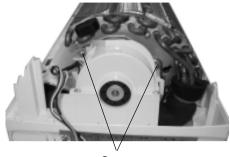
Loosen the clasps at both sides of water tray sub-assy then lift them up to take out the water tray sub-assy. Note: Because the water tray is connected with the water drainage pipe so carefully take it out to avoid damage to evaporator fin.

#### 7. Disassembling the evaporator

Screw off 4 screws fixing the left and right side of the evaporator, then elevate left side the evaporator to remove it backward.

#### CAUTION:

When repair, Carefully take out the evaporator and pay attention to protect the connecting pipe.



Screws

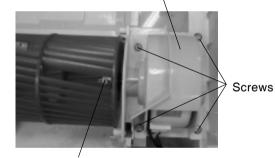


Motor Press Plate



Screw off 4 screws fixing the motor cover and then take the motor cover out.

Screw off the holding screw at the left shaft sleeve of the cross flow fan, pull out the motor, and remove the cross flow fan.



Screw

### 7.3 (18/24) Disassembly procedures for indoor unit

### **Operating Procedures / Photos**

# 1. Disassemble the front panel, Filter, Electric box cover

Open the front panel, push the filter upwards to unloose the clasp, and then pull out the two filters. Screw off the screws fixing the electric box cover to take the cover out.

Slightly push and pull out the rotating shaft of front panel from the groove to remove the front panel. Unscrew the 1 screw fixing the electric box cover to take it out.

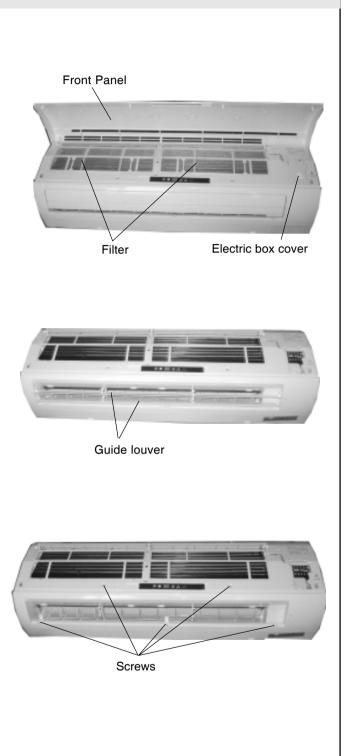
#### 2. Disassemble the guide louver

3. Disassemble the front case

Bend the guide louver so that the movable lock of guide louver is released to remove the guide louver.

Open the 3 screw covers at the front case and screw off 5 screws. Pull out the movable latch at the front case with hand and then pull it back-

wards to disassemble the front case.



#### 4. Disassemble the electric box cover

Screw off the screws fixing the electric box cover and then open the cover, next unscrew the screws fixing the toggle switch on the cover, at last remove the cover out.



Electric box cover

#### 5. Disassemble water tray

6. Disassemble the electric box

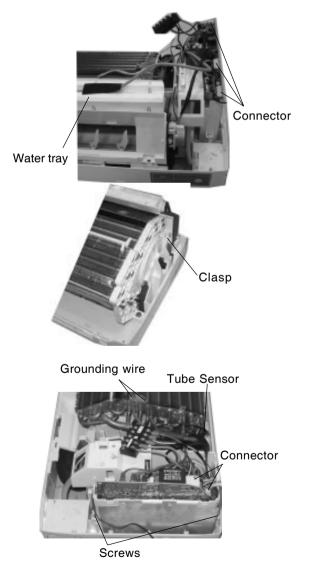
move the electric box.

Unscrew the screws fixing the terminal board and pull out the connection wire between displayer and swing motor.Loosen the clasps at both sides of water tray sub-assy and then lift them up to take out the water tray sub-assy.

Note: Because the water tray is connected with the water drainage pipe so carefully take it out to avoid damage to evaporator fin.

Screw off the grounding wire of the evaporator,

remove the temperature sensor for the pipe, put out the connection lines for the indoor motor. Screw off the screws fixing the electric box. Re-



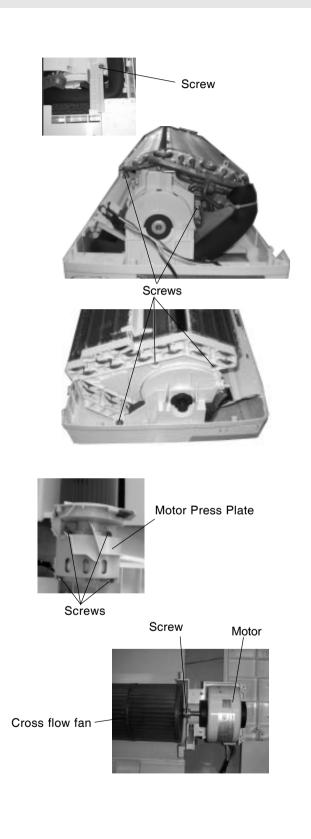
#### 7. Disassembling the evaporator

Screw off the 1 screw fixing the connection baord clamp to take it out.

Screw off 5 screws fixing the left and right side of the evaporator, then elevate left side the evaporator to remove it backward.

#### CAUTION:

When repair, Carefully take out the evaporator and pay attention to protect the connecting pipe.



### 8. Disassembling motor and cross flow fan

Screw off 4 screws fixing the motor cover and then take the motor cover out.

Screw off the screw connecting the cross flow fan and motor, then pull out the motor and remove the cross flow fan.

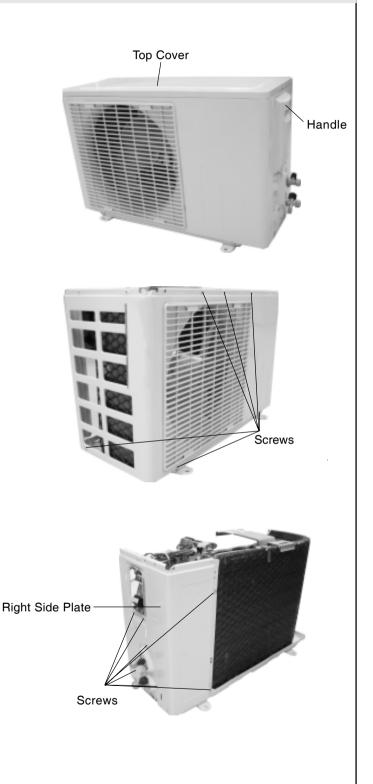
## 7.4 (09) Disassembly Procedures for Outdoor Unit

### **Operating Procedures / Photos**

#### 1. Disassemble Handle, Top Cover

Unscrew the screw fixing the handle, and then remove it upwards to take it out.

Unscrew the 2 screws fixing left side of top cover and the 1 screw fixing the right side to remove the top cover.



#### 2. Disassemble Front Panel

3. Disassemble Right Side Plate

remove it.

Unscrew the screws fixing the panel and turn right the front panel to remove it.

Unscrew the 2 screws fixing electric box ,and then unscrew the 5 screws fixing the right side plate to

#### 4. Disassemble Electric Box

Unscrew the screws fixing the electric box, and then pull out the inset block of lead-out wire of compressor and fan motor to take out the electric box.



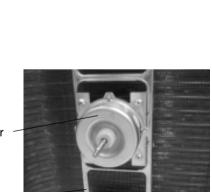
Loosen the fastening nut fixing the axial flow fan with a spanner, and then take out the nut, spring gasket and flap gasket in turn.

#### 6. Disassemble Motor and Motor Support

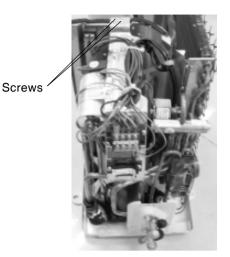
Unscrew the 4 screws fixing the motor to take out the motor, and then unscrew the 2 screws fixing the motor support to take it out.

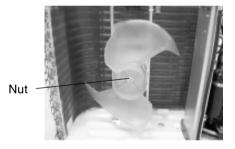
Motor

Motor Support



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#### 7. Disassemble Four-way Valve

Unscrew the fastening nut of the four-way valve coil and remove the coil. Wrap the four-way valve with wet cotton and unsolder the 4 weld spots connecting the four-way valve to take it out. (Note: Refrigerant should be discharged firstly.)

Welding process should be as quick as possible and keep wrapping cotton wet all the time. Be sure not to burn out the lead-out wire of compressor. Four-way Valve



#### 8. Disassemble Capillary

Respectively unsolder the weld spots of main capillary and auxiliary capillary to take off the capillary.

Capillary



#### 9. Disassemble Compressor

Unscrew the three foot-nuts at the foot of the compressor. Unsolder the suction and the discharge pipes of the compressor, and then carefully remove the pipes to take out the compressor.



Nut

# 7.5 (12) Disassembly Procedures for Outdoor Unit

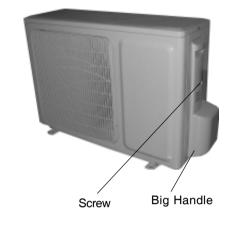
## **Operating Procedures / Photos**

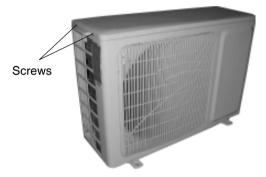
#### 1. Disassemble Big Handle

Unscrew the screw fixing the big handle, and then remove it downwards to take it out.

#### 2. Disassemble Top Cover

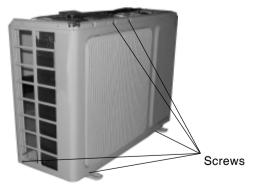
Unscrew the 2 screws fixing left side of top cover and the 1 screw fixing the right side to remove the top cover.





#### 3. Disassemble Front Panel

Unscrew the 5 screws fixing the panel and dextrorotate the front panel to pull it out from groove.

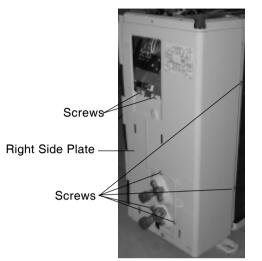


#### 4. Disassemble Right Side Plate

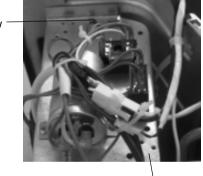
Unscrew the 2 screws fixing electric box ,and then unscrew the 5 screws fixing the right side plate to remove it.

#### 5. Disassemble Electric Box

Unscrew the screws fixing the electric box, and then pull out the inset block of lead-out wire of compressor and fan motor to take out the electric box.



Screw -



Electric Box

#### 6. Disassemble Axial Flow Fan

Loosen the fastening nut fixing the axial flow fan with a spanner, and then take out the nut, spring gasket and flap gasket in turn.

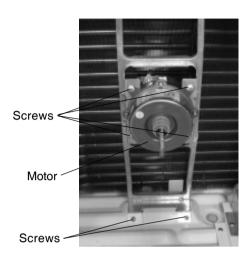
Axial Flow Fan

Nut



#### 7. Disassemble Motor and Motor Support

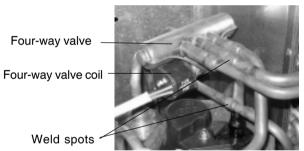
Unscrew the 4 screws fixing the motor to take out the motor, and then unscrew the 2 screws fixing the motor support to take it out.



#### 8. Disassemble Four-way Valve

Unscrew the fastening nut of the four-way valve coil and remove the coil. Wrap the four-way valve with wet cotton and unsolder the 4 weld spots connecting the four-way valve to take it out. (Note: Refrigerant should be discharged firstly.)

Welding process should be as quick as possible and keep wrapping cotton wet all the time. Be sure not to burn out the lead-out wire of compressor.



#### 9. Disassemble Capillary

Respectively unsolder the weld spots of main capillary and auxiliary capillary to take off the capillary.

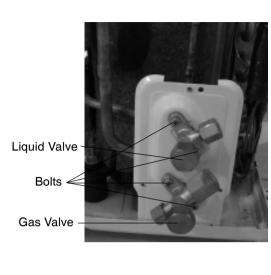
Capillary -



#### 10. Disassemble Gas and Liquid Valves

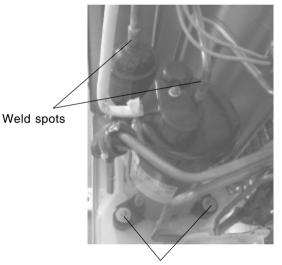
Unscrew the two bolts fixing gas valve and liquid valve.Unsolder weld spots between gas valve and and air-return pipe to remove the gas valve. Unscrew the two bolts fixing liquid valve. Unsolder weld spots between liquid valve and capillary to remove the liquid valve.

(Note:During unsoldering ,wrap the valves with wet cloth to avoid damage for high temperature.)



#### 11. Disassemble Compressor

Unscrew the three foot-nuts at the foot of the compressor. Unsolder the suction and the discharge pipes of the compressor, and then carefully remove the pipes to take out the compressor.



Nuts with washers

## 7.6 (18) Disassembly Procedures for Outdoor Unit

### **Operating Procedures / Photos**

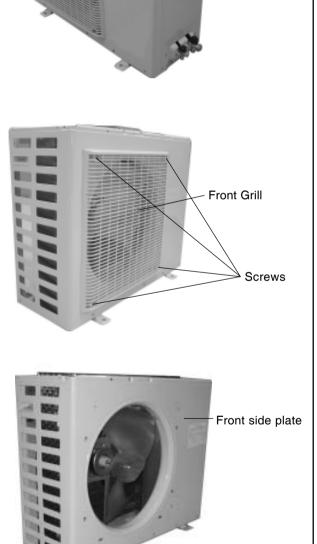
#### 1. Disassemble Handle and Top Cover

Unscrew the screw fixing the handle, then push it downwards to take it out. Unscrew the screws fixing the top cover, and then lift

the top cover to remove it.



Unscrew the screws fixing the front grill ,and then lift it upwards to remove it.



Top Cover

Screws

Handle Screw

#### 3. Disassemble Front plate

Unscrew the screws fixing the cabinet to remove it.

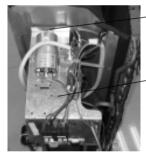
#### 4. Disassembel Right side plate

Unscrew the 9 screws of the right side plate, then take down the right side plate.

Right side plate

#### 5. Disassemble Electric Box Sub-assy

unscrew the screw of electric box, pull out the lead out insert of compressor, four-way valve and motor, then take down the electric box.



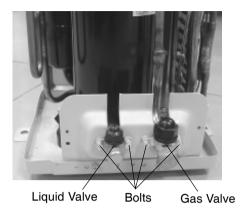
Screw

Electric box cover

#### 7. Disassemble Gas and Liquid Valves

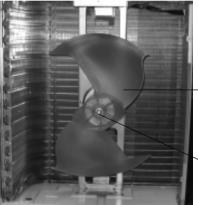
Unsolder the pipeline connecting with valves ( to prevent soldering gun from burning out the chassis).Unscrew 2 bolts fixing gas valve ,and then unsolder the weld spot between pipeline and gas valve to remove gas valve. Unscrew the 2 bolts fixing liquid valve, and then unsolder the weld spots between pipeline and liquid valve to remove liquid valve.

(Note:During unsoldering ,wrap the valves with wet cloth to avoid damage for high temperature.)



#### 8. Disassemble Axial Flow Fan

Unscrew the nut fixing the fan with a spanner to take out the fan.

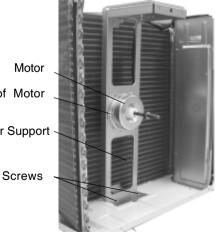


- Axial Flow Fan

Nut

9. Disassemble Outdoor Motor

Unscrew the screws fixing the motor support, and then lift it upwards to remove it. Unscrew the screws fixing the motor and pull out the connection line between it and electric box to remove it. Motor Terminal Screw of Motor Motor Support



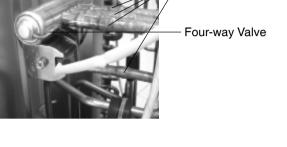
Weld spots

### **Operating Procedures / Photos**

#### 10. Disassemble Four-way Valve

Only for cooling and heating unit

Unscrew the fixing nut of the four-way valve coil and remove the coil. Wrap the four-way valve with wet cotton and unsolder the 4 weld spots connecting the four-way valve to take it out. Welding process should be as quick as possible and keep wrapping cotton wet all the time. Be sure not to burn out the lead-out wire of compressor.



#### 11. Disassemble Capillary

Unsolder the weld spots of capillary,valve and outlet pipe of condenser to remove the capillary. Prevent welding slag from blocking the capillary.

#### 12. Disassemble Compressor

Unsolder the pipeline connecting the compressor, and then unscrew the 3 foot-nuts fixing conpressor to remove it.

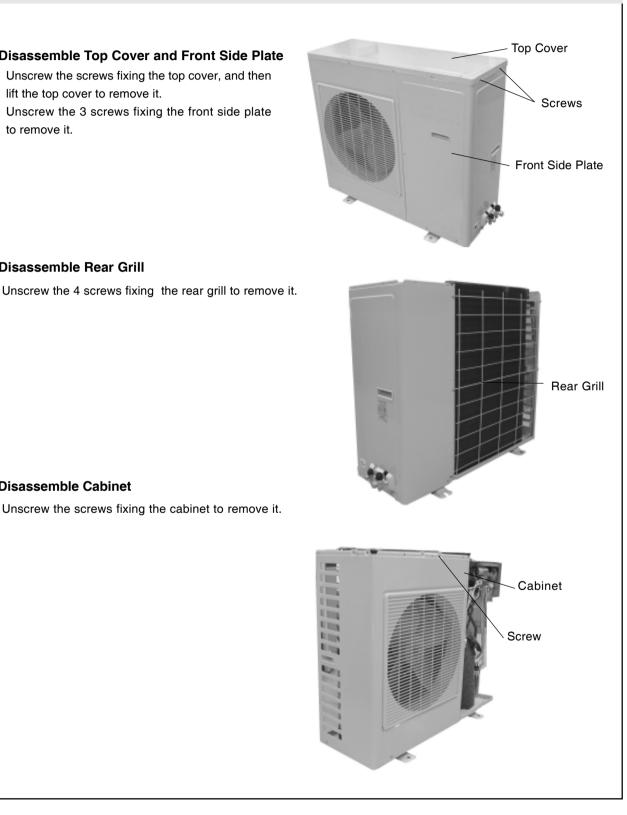


## 7.7 (24) Disassembly Procedures for Outdoor Unit

### **Operating Procedures / Photos**

### 1. Disassemble Top Cover and Front Side Plate

Unscrew the screws fixing the top cover, and then lift the top cover to remove it. Unscrew the 3 screws fixing the front side plate to remove it.



2. Disassemble Rear Grill

3. Disassemble Cabinet

Unscrew the screws fixing the cabinet to remove it.

Electric box

Screws

### **Operating Procedures / Photos**

#### 4. Disassemble Electric Box Sub-assy

Unscrew the 2 screws fixing electric box to pull out the connection line between fan motor, compressor,four-way valve, and then lift the electric box to take it out.

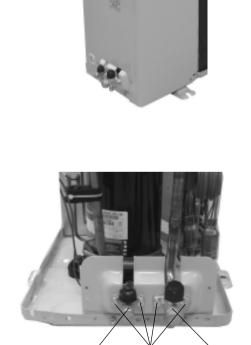
#### 5. Disassemble Right side plate

Unscrew the screw of the right side plate, then take down the right side plate.

#### 6. Disassemble Gas and Liquid Valves

Unsolder the pipeline connecting with valves ( to prevent soldering gun from burning out the chassis). Unscrew 2 bolts fixing gas valve ,and then unsolder the weld spot between pipeline and gas valve to remove gas valve. Unscrew the 2 bolts fixing liquid valve, and then unsolder the soldering spot between pipeline and liquid valve to remove liquid valve.

(Note:During unsoldering ,wrap the valves with wet cloth avoid damage for high temperature.)

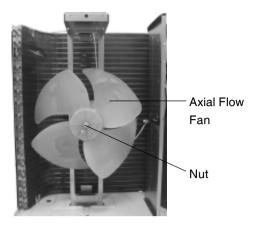


Right side plate -

Liquid Bolts Valve Gas Valve

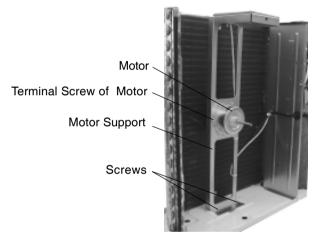
#### 7. Disassemble Axial Flow Fan

Unscrew the nut fixing the fan with a spanner to take out the fan.



#### 8. Disassemble Outdoor Motor

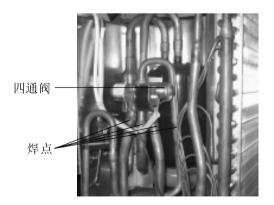
Unscrew the screws fixing the motor support, and then lift it upwards to remove it. Unscrew the screws fixing the motor and pull out the connection line between it and electric box to remove it.



#### 9. Disassemble Four-way Valve

Only for cooling and heating unit

Unscrew the fixing nut of the four-way valve coil and remove the coil. Wrap the four-way valve with wet cotton and unsolder the 4 weld spots connecting the four-way valve to take it out. Welding process should be as quick as possible and keep wrapping cotton wet all the time. Be sure not to burn out the lead-out wire of compressor.

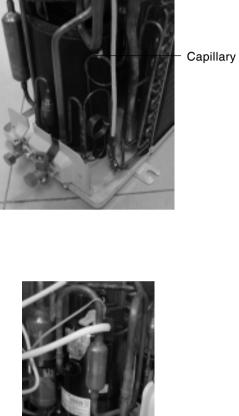


#### 10. Disassemble Capillary

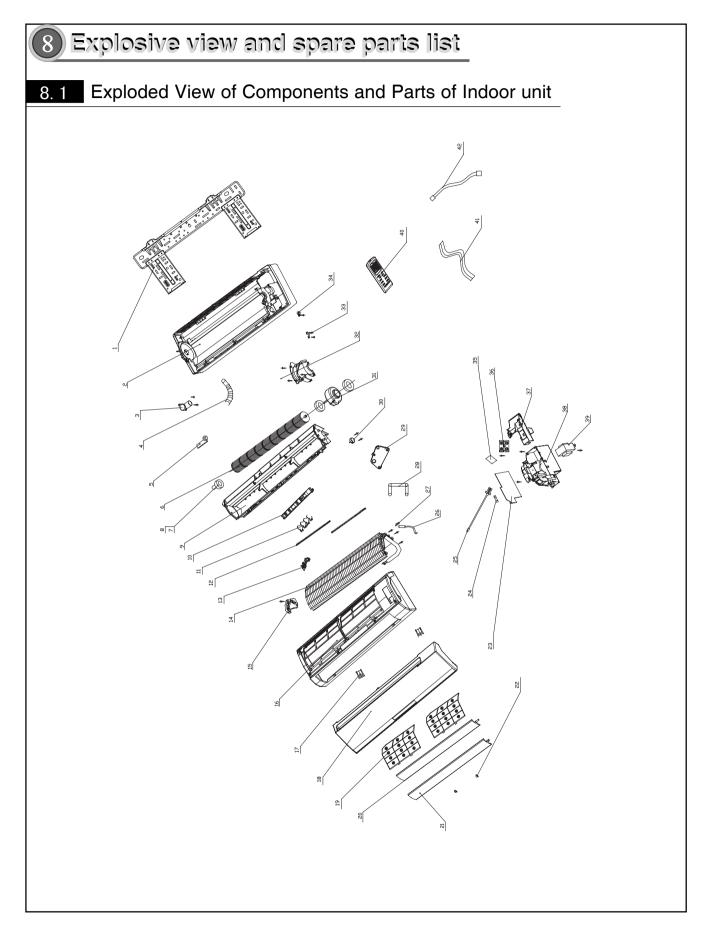
Unsolder the weld spots of capillary,valve and outlet tube of condenser to remove the capillary. Prevent welding slag from blocking the capillary.

#### 11. Disassemble Compressor

Unsolder the pipeline connecting the compressor, and then unscrew the 3 foot-nuts fixing conpressor to remove it.



Foot-nut



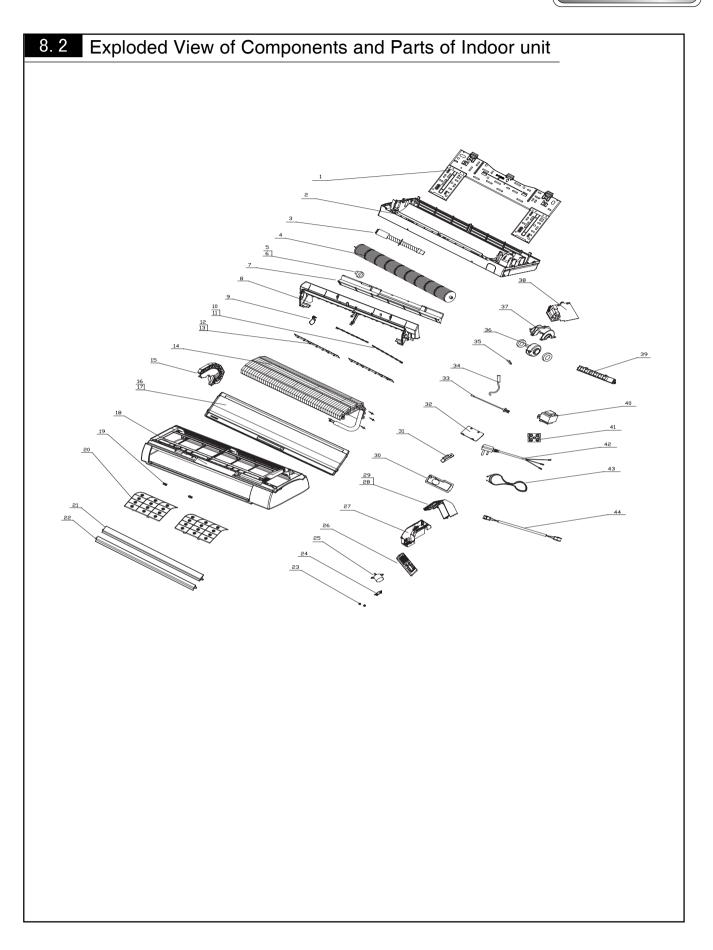
|    |                         | Part Code                         |             |    |
|----|-------------------------|-----------------------------------|-------------|----|
| No | Description             | GWCN09DANK1A1A/I GWHN09DANK1A1A/I |             |    |
| 1  | Wall-Mounting Frame     | 01252220                          | 01252220    | 1  |
| 2  | Rear Case               | 222020484                         | 222020484   | 1  |
| 3  | Evaporator Pipe Cover   | 06122001                          | 06122001    | 1  |
| 4  | Drainage Pipe           | 05230014                          | 05230014    | 1  |
| 5  | Pipe Clamp              | 24242004                          | 24242004    | 1  |
| 6  | Cross Flow Fan          | 10352001                          | 10352001    | 1  |
| 7  | Fan Bearing             | /                                 | /           |    |
| 8  | Ring of Bearing         | 76512203                          | 76512203    | 1  |
| 9  | Water Tray              | 20182053                          | 20182053    | 1  |
| 10 | Display Board 30545016  |                                   | 30545016    | 1  |
| 11 | Swing Louver            | 10512079                          | 10512079    | 12 |
| 12 | Swing link              | 10582052                          | 10582052    | 1  |
| 13 | Manual Lever            | 10582051                          | 10582051    | 2  |
| 14 | Evaporator Assy         | 010021271                         | 010021271   | 1  |
| 15 | Evaporator Support      | 24212058                          | 24212058    | 1  |
| 16 | Front Case              | 2000289701S                       | 2000289701S | 1  |
| 17 | Screw Cover             | 242520042                         | 242520042   | 2  |
| 18 | Front Panel             | 200025491                         | 200025491   | 1  |
| 19 | Filter                  | 11122002                          | 11122002    | 2  |
| 20 | Guide Louver 1          | 105120392                         | 105120392   | 1  |
| 21 | Guide Louver 2          | 105120402                         | 105120402   | 1  |
| 22 | Guide Louver Bearing    | 10542011                          | 10542011    | 6  |
| 23 | Main PCB                | 30135069                          | 30135070    | 1  |
| 24 | Fuse 3.15A 250VAC       | 46010014                          | 46010014    | 1  |
| 25 | Room Sensor (15K)       | 390001912                         | 390001912   | 1  |
| 26 | Tube Sensor (20K)       | 390000591                         | 390000591   | 1  |
| 27 | Sensor Insert B         | 42020063                          | 42020063    | 1  |
| 28 | Link Pole               | 10582013                          | 10582013    | 1  |
| 29 | FixPlank                | 26152012                          | 26152012    | 1  |
| 30 | Motor MP24BA            | 15212107                          | 15212107    | 1  |
| 31 | Motor FN20E-PG          | 150120761                         | 150120761   | 1  |
| 32 | Motor Clamp             | 26112080                          | 26112080    | 1  |
| 33 | Wire Clip               | 42012415                          | 42012415    | 1  |
| 34 | Wire Clamp              | 26112121                          | 26112121    | 1  |
| 35 | Receiver Board          | 39010018                          | 39010018    | 1  |
| 36 | Terminal Board (3bits)  | 42010266                          | 42010262    | 1  |
| 37 | Electric Box Cover      | 20112052                          | 20112052    | 1  |
| 38 | Electric Box            | 20112051                          | 20112051    | 1  |
| 39 | Transformer 41X26.5E    | 43110231                          | 43110231    | 1  |
| 40 | Remote Controller YB1FA | 305110041                         | 30510041    | 1  |
| 41 | Power Cord              | 4002048710                        | 4002048710  | 1  |

The above data are subject to be changed without notice.

| Image: Construction of the second s |                     |            | Part Code          |   |  |             |   |   |         |      |   |
|---|---------------------|------------|--------------------|---|--|-------------|---|---|---------|------|---|
| 2         Rear Case         222020484         222020484           3         Evaporator Pipe Cover         06122001         06122001           4         Drainage Pipe         05230014         05230014           5         Pipe Clamp         24242004         24242004           6         Cross Flow Fan         10352001         10352001           7         Fan Bearing         /         /         /           8         Ring of Bearing         76512203         76512203         76512203           9         Water Tray         20182053         20182053         20182053           10         Display Board         30545016         30545016         30545016           11         Swing Louver         10512079         10512079         10512079           12         Swing link         10582051         10582051         10582051           13         Manual Lever         10512076         010021271         15           14         Evaporator Support         24212058         24212058         24212058           14         Evaporator Support         24212058         24020205491         200025491           19         Filter Assy         11122002         10512032         1051  | Description         |            | G۷                 |   |  | ND1A1A/I    | C |   |         |      |   |
| 3         Evaporator Pipe Cover         06122001         06122001           4         Drainage Pipe         05230014         05230014           5         Pipe Clamp         24242004         24242004           6         Cross Flow Fan         10352001         10352001           7         Fan Bearing         /         /         /           8         Ring of Bearing         76512203         76512203         20182053           9         Water Tray         20182053         20182053         20182053           10         Display Board         30545016         30545016         30545016           11         Swing Louver         10512079         10512079         10512079           12         Swing Louver         10582051         10582051         10582051           13         Manual Lever         10582051         10582051         10582051           14         Evaporator Assy         010021276         010021271         15           15         Evaporator Support         24212058         24212058         142120042           16         Front Panel         20002897015         20002897015         200025491           19         Filter Assy         11122002 <td< td=""><td colspan="2">Wall-Mounting Frame</td><td></td><td colspan="2"></td><td colspan="2"></td><td></td></td<>  | Wall-Mounting Frame |            |                    |   |  |             |   |   |         |      |   |
| 4         Drainage Pipe         05230014         05230014           5         Pipe Clamp         24242004         24242004           6         Cross Flow Fan         10352001         10352001           7         Fan Bearing         /         /           8         Ring of Bearing         76512203         76512203           9         Water Tray         20182053         20182053           10         Display Board         30545016         30545016           11         Swing Louver         10512079         10512079           12         Swing link         10582051         10582052           13         Manual Lever         10582051         10582051           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           24         Guide Louver 1         105120392         105120392           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392  | ase                 | r Case     |                    |   |  | 222020484   |   |   | 222020  | )484 |   |
| 5         Pipe Clamp         24242004         24242004           6         Cross Flow Fan         10352001         10352001           7         Fan Bearing         /         /         /           8         Ring of Bearing         76512203         76512203           9         Water Tray         20182053         20182053           10         Display Board         30545016         30545016           11         Swing Louver         10512079         10512079           12         Swing link         10582052         10582051           13         Manual Lever         10582051         10582051           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         242520042         242520042           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 8         30135069  | rator               | orator P   | ipe Cover          |   |  | 06122001    |   |   | 06122   | 001  |   |
| 6         Cross Flow Fan         10352001         10352001           7         Fan Bearing         /         /         /           8         Ring of Bearing         76512203         76512203         76512203           9         Water Tray         20182053         20182053         20182053           10         Display Board         30545016         30545016         30545016           11         Swing Louver         10512079         10512079           12         Swing link         10582051         10582051           13         Manual Lever         10582051         10582051           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         242520042         24252042           16         Front Case         2000289701S         200025491           17         Screw Cover         242520042         11122002           11         Screw Cover         242520042         105120392           10         Filter Assy         11122002         11122002           21         Guide Louver 1         10542011         10542011           22         Guide Louver 1         10542011         10542011   | ge F                | nage Pip   | e                  |   |  | 05230014    |   |   | 05230   | 014  |   |
| 7         Fan Bearing         /         /           8         Ring of Bearing         76512203         76512203           9         Water Tray         20182053         20182053           10         DisplayBoard         30545016         30545016           11         Swing Louver         10512079         10512079           12         Swing link         10582052         10582052           13         Manual Lever         10582051         10021276           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120402           22         Guide Louver 3         30135669         30135070           24         Fuse 3.15A250VAC         46010014   | lam                 | Clamp      |                    |   |  | 24242004    |   |   | 24242   | 004  |   |
| 8         Ring of Bearing         76512203         76512203           9         Water Tray         20182053         20182053           10         Display Board         30545016         30545016           11         Swing Louver         10512079         10512079           12         Swing link         10582052         10582052           13         Manual Lever         10582051         10021276           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         244212058         244212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         1052011           22         Guide Louver 3         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         3900   | Flov                | s Flow F   | an                 |   |  | 10352001    |   |   | 10352   | 001  |   |
| 9         Water Tray         20182053         20182053           10         Display Board         30545016         30545016           11         Swing Louver         10512079         10512079           12         Swing link         10582051         10582052           13         Manual Lever         10582051         10582051           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120392           22         Guide Louver Bearing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         3900   | arin                | Bearing    |                    |   |  | /           |   |   | /       |      | ( |
| 10         Display Board         30545016         30545016           11         Swing Louver         10512079         10512079           12         Swing link         10582052         10582052           13         Manual Lever         10582051         10582051           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         105120392           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120392           22         Guide Louver 2         105120402         105120402           23         Main PCB         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         390000591         39000591           29         Fix Plank         261520   | f Bea               | of Beari   | ing                |   |  | 76512203    |   |   | 76512   | 203  |   |
| 11         Swing Louver         10512079         10512079           12         Swing link         10582052         10582052           13         Manual Lever         10582051         10582051           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         105120392           20         Guide Louver 1         105120392         105120402           21         Guide Louver 2         105120402         105120402           22         Guide Louver Bearing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390001912           29         Fix Plank         26152012         26152012           26         Tube Sensor (20K)         <   | Tray                | er Tray    |                    |   |  | 20182053    |   |   | 201820  | 053  |   |
| 12         Swing link         10582052         10582052           13         Manual Lever         10582051         10582051           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120402           22         Guide Louver 2         105120402         105120402           23         Main PCB         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390000591           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         <   | y Bo                | lay Boar   | d                  |   |  | 30545016    |   |   | 30545   | 016  | - |
| 13         Manual Lever         10582051         10582051           14         Evaporator Assy         010021276         010021271           15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           200         Guide Louver 1         105120392         105120392           21         Guide Louver 1         105120402         105120402           22         Guide Louver 2         105120402         105120402           23         Main PCB         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390000591           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         10582012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor Clamp  | Lou                 | ng Louve   | r                  |   |  | 10512079    |   |   | 10512   | 079  | 1 |
| 14         Evaporator Assy         010021276         010021271           15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120402           22         Guide Louver 8earing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390001912           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         4202063           28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA   | link                | ıg link    |                    |   |  | 10582052    |   |   | 10582   | 052  | - |
| 15         Evaporator Support         24212058         24212058           16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120402           22         Guide Louver Bearing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A.250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390001912           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor Clamp <td< td=""><td>l Lev</td><td>ual Leve</td><td>r</td><td></td><td></td><td>10582051</td><td></td><td></td><td>10582</td><td>051</td><td></td></td<>  | l Lev               | ual Leve   | r                  |   |  | 10582051    |   |   | 10582   | 051  |   |
| 16         Front Case         2000289701S         2000289701S           17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120402           22         Guide Louver Bearing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A 250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390001912           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor FN20E-PG         150120761         150120761           32         Motor Clamp         2   | rator               | orator A   | ssy                |   |  | 010021276   |   |   | 010021  | 271  |   |
| 17         Screw Cover         242520042         242520042           18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120402           22         Guide Louver Bearing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390001912           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor Clamp         26112080         26112080           33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121  | rator               | orator S   | upport             |   |  | 24212058    |   |   | 242120  | 058  |   |
| 18         Front Panel         200025491         200025491           19         Filter Assy         11122002         11122002           20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120402           22         Guide Louver Bearing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390000591           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor FN20E-PG         150120761         150120761           32         Motor Clamp         26112080         26112080           33         Wire Clamp         26112121         26112121           35         Receiver Board         3901001   | Case                | t Case     |                    |   |  | 20002897018 | 5 |   | 2000289 | 701S |   |
| 19       Filter Assy       11122002       11122002         20       Guide Louver 1       105120392       105120392         21       Guide Louver 2       105120402       105120402         22       Guide Louver Bearing       10542011       10542011         23       Main PCB       30135069       30135070         24       Fuse 3.15A 250VAC       46010014       46010014         25       Room Sensor (15K)       390001912       390000591         26       Tube Sensor (20K)       390000591       390000591         27       Sensor Insert B       42020063       42020063         28       Link Pole       10582013       10582013         29       Fix Plank       26152012       26152012         30       Motor MP24BA       15212107       15212107         31       Motor Clamp       26112080       26112080         33       Wire Clip       42012415       42012415         34       Wire Clamp       26112121       26112121         35       Receiver Board       39010018       39010018         36       Terminal Board (3bits)       42010266       42010262         37       Electric Box Cover       20112051<  | Cov                 | w Cover    |                    |   |  | 242520042   |   |   | 242520  | 042  |   |
| 20         Guide Louver 1         105120392         105120392           21         Guide Louver 2         105120402         105120402           22         Guide Louver Bearing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A 250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390001912           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor FN20E-PG         150120761         150120761           32         Motor Clamp         26112080         26112080           33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits) <td< td=""><td>ane</td><td>t Panel</td><td></td><td></td><td></td><td>200025491</td><td></td><td></td><td>200025</td><td>6491</td><td></td></td<>   | ane                 | t Panel    |                    |   |  | 200025491   |   |   | 200025  | 6491 |   |
| 21       Guide Louver 2       105120402       105120402         22       Guide Louver Bearing       10542011       10542011         23       Main PCB       30135069       30135070         24       Fuse 3.15A250VAC       46010014       46010014         25       Room Sensor (15K)       390001912       390001912         26       Tube Sensor (20K)       390000591       390000591         27       Sensor Insert B       42020063       42020063         28       Link Pole       10582013       10582013         29       Fix Plank       26152012       26152012         30       Motor MP24BA       15212107       15212107         31       Motor FN20E-PG       150120761       150120761         32       Motor Clamp       26112080       26112080         33       Wire Clip       42012415       42012415         34       Wire Clamp       26112121       26112121         35       Receiver Board       39010018       39010018         36       Terminal Board (3bits)       42010266       42010262         37       Electric Box       20112051       20112051         38       Electric Box       20112051   | ssy                 | r Assy     |                    |   |  | 11122002    |   |   | 111220  | 002  |   |
| 22         Guide Louver Bearing         10542011         10542011           23         Main PCB         30135069         30135070           24         Fuse 3.15A 250VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390001912           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor FN20E-PG         150120761         150120761           32         Motor Clamp         26112080         26112080           33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         42010266         42010262           37         Electric Box Cover         20112051         20112051           38         Electric Box         2   | Louv                | e Louve    | r 1                |   |  | 105120392   |   |   | 105120  | 392  |   |
| 23         Main PCB         30135069         30135070           24         Fuse 3.15A 250 VAC         46010014         46010014           25         Room Sensor (15K)         390001912         390001912           26         Tube Sensor (20K)         390000591         390000591           27         Sensor Insert B         42020063         42020063           28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor FN20E-PG         150120761         150120761           32         Motor Clamp         26112080         26112080           33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         4201266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         4   | Louv                | e Louve    | r 2                |   |  | 105120402   |   |   | 105120  | 402  |   |
| 24Fuse 3.15A 250VAC460100144601001425Room Sensor (15K)39000191239000191226Tube Sensor (20K)39000059139000059127Sensor Insert B420200634202006328Link Pole105820131058201329Fix Plank261520122615201230Motor MP24BA152121071521210731Motor FN20E-PG15012076115012076132Motor Clamp261120802611208033Wire Clip420124154201241534Wire Clamp261121212611212135Receiver Board390100183901001836Terminal Board (3bits)420102664201026237Electric Box Cover201120512011205139Transformer 41X26.5E4311023143110231  | Louv                | e Louve    | r Bearing          |   |  | 10542011    |   |   | 10542   | 011  | ( |
| 25Room Sensor (15K)39000191239000191226Tube Sensor (20K)39000059139000059127Sensor Insert B420200634202006328Link Pole105820131058201329Fix Plank261520122615201230Motor MP24BA152121071521210731Motor FN20E-PG15012076115012076132Motor Clamp261120802611208033Wire Clip420124154201241534Wire Clamp261121212611212135Receiver Board390100183901001836Terminal Board (3bits)420102664201026237Electric Box Cover201120522011205139Transformer 41X26.5E4311023143110231   | СВ                  | PCB        |                    |   |  | 30135069    |   |   | 301350  | )70  |   |
| 26Tube Sensor (20K)39000059139000059127Sensor Insert B420200634202006328Link Pole105820131058201329Fix Plank261520122615201230Motor MP24BA152121071521210731Motor FN20E-PG15012076115012076132Motor Clamp261120802611208033Wire Clip420124154201241534Wire Clamp261121212611212135Receiver Board390100183901001836Terminal Board (3bits)420102664201026237Electric Box201120522011205139Transformer 41X26.5E4311023143110231  | .15/                | e 3.15A 2  | 50VAC              |   |  | 46010014    |   |   | 46010   | 014  |   |
| 27Sensor Insert B420200634202006328Link Pole105820131058201329Fix Plank261520122615201230Motor MP24BA152121071521210731Motor FN20E-PG15012076115012076132Motor Clamp261120802611208033Wire Clip420124154201241534Wire Clamp261121212611212135Receiver Board390100183901001836Terminal Board (3bits)42012664201026237Electric Box Cover201120522011205239Transformer 41X26.5E4311023143110231  | Sen                 | m Senso    | or (15K)           |   |  | 390001912   |   |   | 390001  | 912  |   |
| 28         Link Pole         10582013         10582013           29         Fix Plank         26152012         26152012           30         Motor MP24BA         15212107         15212107           31         Motor FN20E-PG         150120761         150120761           32         Motor Clamp         26112080         26112080           33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         4201266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231  | Sens                | e Sensor   | <sup>.</sup> (20K) |   |  | 390000591   |   |   | 390000  | )591 |   |
| 29Fix Plank261520122615201230Motor MP24BA152121071521210731Motor FN20E-PG15012076115012076132Motor Clamp261120802611208033Wire Clip420124154201241534Wire Clamp261121212611212135Receiver Board390100183901001836Terminal Board (3bits)420102664201026237Electric Box Cover201120522011205238Electric Box201120512011205139Transformer 41X26.5E4311023143110231   | r Ins               | sor Inser  | tВ                 |   |  | 42020063    |   |   | 42020   | 063  |   |
| 30         Motor MP24BA         15212107         15212107           31         Motor FN20E-PG         150120761         150120761           32         Motor Clamp         26112080         26112080           33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         4201266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231  | ole                 | Pole       |                    |   |  | 10582013    |   |   | 10582   | 013  |   |
| 31         Motor FN20E-PG         150120761         150120761           32         Motor Clamp         26112080         26112080           33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         4201266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231  | nk                  | lank       |                    |   |  | 26152012    |   |   | 26152   | 012  |   |
| 32         Motor Clamp         26112080         26112080           33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         4201266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231  | MP2                 | or MP24    | ЗА                 |   |  | 15212107    |   |   | 15212   | 107  | - |
| 33         Wire Clip         42012415         42012415           34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         42010266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231  |                     |            |                    |   |  | 150120761   |   |   |         |      | - |
| 34         Wire Clamp         26112121         26112121           35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         42010266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231   | Clarr               | r Clamp    |                    |   |  | 26112080    |   |   | 26112   | 080  |   |
| 35         Receiver Board         39010018         39010018           36         Terminal Board (3bits)         42010266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231   |                     |            |                    |   |  | 42012415    |   |   | 42012   | 415  |   |
| 36         Terminal Board (3bits)         42010266         42010262           37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231   | lam                 | Clamp      |                    |   |  | 26112121    |   |   | 26112   | 121  |   |
| 37         Electric Box Cover         20112052         20112052           38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231   | er B                | eiver Boa  | ard                |   |  | 39010018    |   |   | 39010   | 018  |   |
| 38         Electric Box         20112051         20112051           39         Transformer 41X26.5E         43110231         43110231   | nal B               | ninal Boa  | ard (3bits)        |   |  | 42010266    |   |   | 42010   | 262  |   |
| 39         Transformer         41X26.5E         43110231         43110231   | Bo                  | tric Box 0 | Cover              |   |  | 20112052    |   |   | 20112   | 052  | - |
|   | Bo                  | tric Box   |                    |   |  | 20112051    |   |   | 20112   | 051  | - |
|   | orme                | sformer    | 41X26.5E           |   |  | 43110231    |   |   | 431102  | 231  | - |
| 40         Remote Controller YB1FA         305110041         30510041   |                     |            |                    | 4 |  | 305110041   |   | 1 | 30510   | 041  | - |
| 41 Power Cord 4002048710 4002048710   | Cor                 | er Cord    |                    |   |  | 4002048710  |   |   | 400204  | 8710 |   |

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**Green Series** 

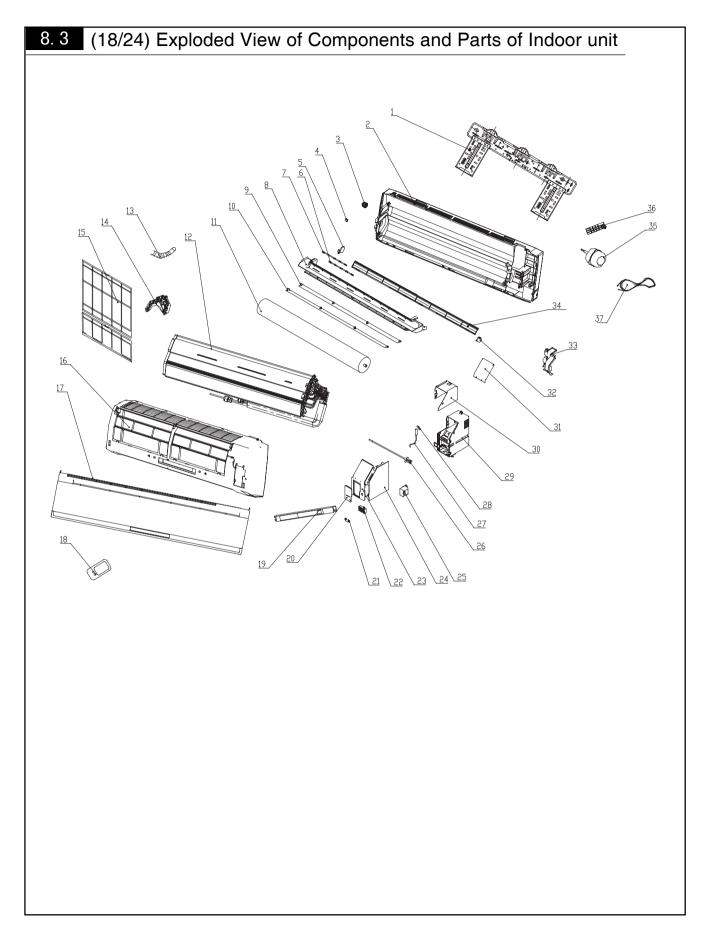


|    |                                 | Part Code                         |             |    |
|----|---------------------------------|-----------------------------------|-------------|----|
| No | Description                     | GWCN12DBNK1A1A/I GWHN12DBNK1A1A/I |             |    |
| 1  | Wall-Mounting Frame             | 0125221701                        | 0125221701  | 1  |
| 2  | Rear Case                       | 22202451                          | 22202451    | 1  |
| 3  | Drainage Pipe                   | 05230014                          | 05230014    | 1  |
| 4  | Cross Flow Fan                  | 10352012                          | 10352012    | 1  |
| 5  | Fan Bearing                     | \                                 | \           | \  |
| 6  | Ring of Bearing                 | 76512206                          | 76512206    | 1  |
| 7  | Water Tray Foam                 | \                                 | \           | \  |
| 8  | Water Tray                      | 2018210401                        | 2018210401  | 1  |
| 9  | Swing Louver                    | 10512110                          | 10512110    | 14 |
| 10 | Left Linkage Lever              | 10582045                          | 10582045    | 1  |
| 11 | Right Linkage Lever             | 10582017                          | 10582017    | 1  |
| 12 | Left Louver Support             | \                                 | \           | \  |
| 13 | Right Louver Support            | \                                 | \           | \  |
| 14 | Evaporator Assy                 | 010021577                         | 010021577   | 1  |
| 15 | Left Evaporator Support         | 24212023                          | 24212023    | 1  |
| 16 | Front Panel                     | 20002553                          | 20002553    | 1  |
| 17 | Border of front lid             | 201920382                         | 201920382   | 1  |
| 18 | Front Case                      | 20012023                          | 20012023    | 1  |
| 19 | Screw Cover                     | 242520053                         | 242520053   | 2  |
| 20 | Filter Assy                     | 11122457                          | 11122457    | 2  |
| 21 | Guide Louver                    | 261120393                         | 261120393   | 1  |
| 22 | Lower Guide Louver              | 261120403                         | 261120403   | 1  |
| 23 | Mid Bearing                     | 10542001                          | 10542001    | 2  |
| 24 | Left Bearing                    | 10542002                          | 10542002    | 1  |
| 25 | Motor MP24AA                    | 15212108                          | 15212108    | 1  |
| 26 | Remote Controller YB1FA         | 30510041                          | 30510041    | 1  |
| 27 | Electric Box                    | 20102378                          | 20102378    | 1  |
| 28 | Electric Box Cover              | 2010237901S                       | 2010237901S | 1  |
| 29 | Electric Box ShieldingCover     | 01592053                          | 01592053    | 1  |
| 30 | Covering Plate                  | 22242072                          | 22242072    | 1  |
| 31 | Wire Clamp                      | \                                 | \           | \  |
| 32 | Rear Pipe Cover                 | 26112035                          | 26112035    | 1  |
| 33 | Tube Sensor (15K)               | 390000451                         | 390000451   | 1  |
| 34 | Tube Sensor (20K)               | 390000591                         | 390000591   | 1  |
| 35 | Sensor Insert                   | 42020063                          | 42020063    | 1  |
| 36 | Motor FN9D-PG                   | 15012072                          | 15012072    | 1  |
| 37 | Right Support of Evaporator     | 24212024                          | 24212024    | 1  |
| 38 | Main PCB M505F2J-A              | 30135053                          | 30135054    | 1  |
| 39 | Display board MBD513            | 30540012                          | 30540012    | 1  |
| 40 | Transformer                     | 43110236                          | 43110236    | 1  |
| 41 | Terminal board (5bit)           | 42010266                          | 42010262    | 1  |
| 42 | Power Cord sub-assy             | 4002048712                        | 400220112   | 1  |
| 43 | Connecting Cable(A type/2 core) | 400205401                         | 40020536    | 1  |
| 44 | Connecting Cable(A type/4 core) | \                                 | 400205401   | 1  |

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| NI - | Description                     | Part Code        |             |    |
|------|---------------------------------|------------------|-------------|----|
| No   | Description                     | GWCN12DBND1A1A/I |             |    |
| 1    | Wall-Mounting Frame             | 0125221701       | 0125221701  | 1  |
| 2    | Rear Case                       | 22202451         | 22202451    | 1  |
| 3    | Drainage Pipe                   | 05230014         | 05230014    | 1  |
| 4    | Cross Flow Fan                  | 10352012         | 10352012    | 1  |
| 5    | Fan Bearing                     | \                | \           | /  |
| 6    | Ring of Bearing                 | 76512206         | 76512206    | 1  |
| 7    | Water Tray Foam                 | \                | \           | /  |
| 8    | Water Tray                      | 2018210401       | 2018210401  | 1  |
| 9    | Swing Louver                    | 10512110         | 10512110    | 14 |
| 10   | Left Linkage Lever              | 10582045         | 10582045    | 1  |
| 11   | Right Linkage Lever             | 10582017         | 10582017    | 1  |
| 12   | Left Louver Support             | \                | \           | \  |
| 13   | Right Louver Support            | \                | \           | /  |
| 14   | Evaporator Assy                 | 010021577        | 010021577   | 1  |
| 15   | Left Evaporator Support         | 24212023         | 24212023    | 1  |
| 16   | Front Panel                     | 20002553         | 20002553    | 1  |
| 17   | Border of front lid             | 201920382        | 201920382   | 1  |
| 18   | Front Case                      | 20012023         | 20012023    | 1  |
| 19   | Screw Cover                     | 242520053        | 242520053   | 2  |
| 20   | Filter Assy                     | 11122457         | 11122457    | 2  |
| 21   | Guide Louver                    | 261120393        | 261120393   | 1  |
| 22   | Lower Guide Louver              | 261120403        | 261120403   | 1  |
| 23   | Mid Bearing                     | 10542001         | 10542001    | 2  |
| 24   | Left Bearing                    | 10542002         | 10542002    | 1  |
| 25   | Motor MP24AA                    | 15212108         | 15212108    | 1  |
| 26   | Remote Controller YB1FA         | 30510041         | 30510041    | 1  |
| 27   | Electric Box                    | 20102378         | 20102378    | 1  |
| 28   | Electric Box Cover              | 2010237901S      | 2010237901S | 1  |
| 29   | Electric Box ShieldingCover     | 01592053         | 01592053    | 1  |
| 30   | Covering Plate                  | 22242072         | 22242072    | 1  |
| 31   | Wire Clamp                      | \                | \           | \  |
| 32   | Rear Pipe Cover                 | 26112035         | 26112035    | 1  |
| 33   | Tube Sensor (15K)               | 390000451        | 390000451   | 1  |
| 34   | Tube Sensor (20K)               | 390000591        | 390000591   | 1  |
| 35   | Sensor Insert                   | 42020063         | 42020063    | 1  |
| 36   | Motor FN9D-PG                   | 15012072         | 1501207201  | 1  |
| 37   | Right Support of Evaporator     | 24212024         | 24212024    | 1  |
| 38   | Main PCB M505F2J-A              | 30135053         | 30135054    | 1  |
| 39   | Displayboard MBD513             | 30540012         | 30540012    | 1  |
| 40   | Transformer                     | 43110236         | 43110236    | 1  |
| 41   | Terminal board (5bit)           | 42010266         | 42010262    | 1  |
| 42   | Power Cord sub-assy             | 4002048712       | 400220112   | 1  |
| 43   | Connecting Cable(A type/2 core) | /                | 40020536    | 1  |
| 44   | Connecting Cable(A type/4 core) | 400205401        | 400205401   | 1  |

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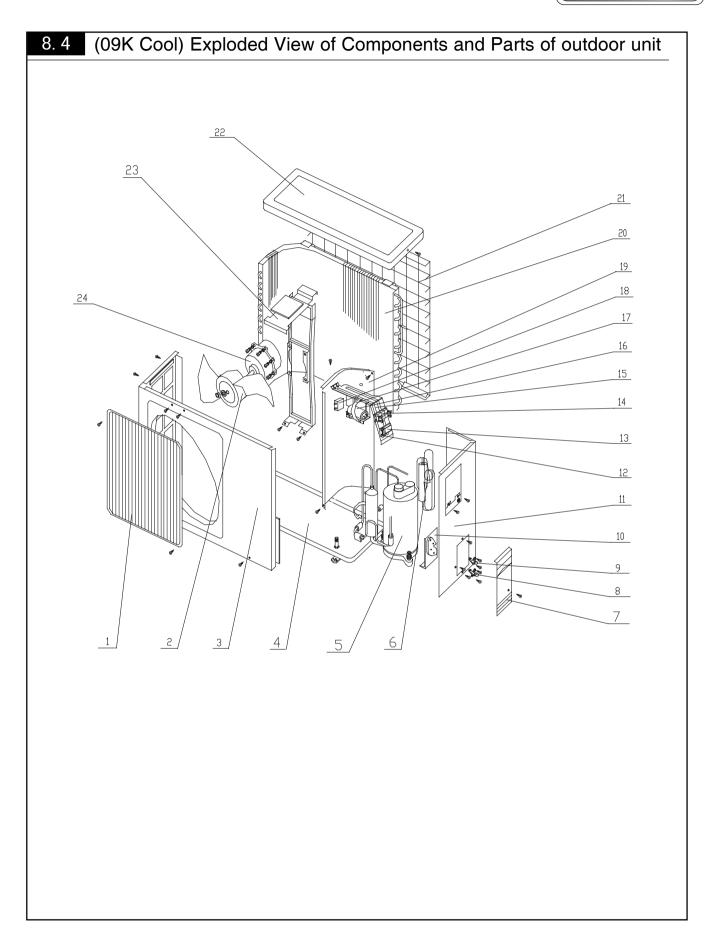
| 2         Ri           3         Fa           4         Sci           5         Si           6         Si           7         Si           8         W           9         Gi           10         Gi           11         Ci           12         Ex           13         Di           14         Ex           15         Fi           16         Fr           17         Fr           18         Ri           19         Di           20         El           21         Wi           22         Te           23         El           24         Ma | Description         /all-Mounting Frame         ear Case         an Bearing         crew Cover         wing Louver         wing Link 1         wing Link 2         /ater Tray         uide Louver (up)         uide Louver (down)         ross Flow Fan         vaporator Assy         rainage Pipe         vaporator Support         Iter | GWCN18DCNK1A1A/I           01252004           22202329           76512203           24252015           10512429           10582057           20182057           10512085           10512086           10352022           0100224501           05230014 | GWHN18DCNK1A1A/I<br>01252004<br>22202329<br>76512203<br>24252015<br>10512429<br>10582057<br>10582058<br>20182057<br>10512085<br>10512086<br>10352022<br>0100224501 | Qty           1           1           1           3           11           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1 |
|---|--|--|--|--|
| 2         Ri           3         Fa           4         Sci           5         Si           6         Si           7         Si           8         W           9         Gi           10         Gi           11         Ci           12         Ex           13         Di           14         Ex           15         Fi           16         Fr           17         Fr           18         Ri           19         Di           20         El           21         Wi           22         Te           23         El           24         Ma | ear Case<br>an Bearing<br>crew Cover<br>wing Louver<br>wing Link 1<br>wing Link 2<br>Vater Tray<br>uide Louver (up)<br>uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support  | 22202329<br>76512203<br>24252015<br>10512429<br>10582057<br>10582058<br>20182057<br>10512085<br>10512085<br>10512086<br>10352022<br>0100224501   | 22202329<br>76512203<br>24252015<br>10512429<br>10582057<br>10582058<br>20182057<br>10512085<br>10512086<br>10352022   | 1<br>1<br>3<br>11<br>1<br>1<br>1<br>1<br>1<br>1  |
| 3         Fa           4         So           5         Sv           6         Sv           7         Sv           8         W           9         Gi           10         Gi           11         Ci           12         Ev           13         Di           14         Ev           15         Fi           16         Fr           17         Fr           18         Ro           20         El           21         W           22         Te           23         El           24         Ma           25         Tr                          | an Bearing<br>crew Cover<br>wing Louver<br>wing Link 1<br>wing Link 2<br>/ater Tray<br>uide Louver (up)<br>uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support  | 76512203           24252015           10512429           10582057           20182057           10512085           10512085           10512086           10352022           0100224501  | 76512203<br>24252015<br>10512429<br>10582057<br>10582058<br>20182057<br>10512085<br>10512086<br>10352022   | 1<br>3<br>11<br>1<br>1<br>1<br>1<br>1<br>1   |
| 4       So         5       SN         6       SN         7       SN         8       W         9       Gi         10       Gi         11       Ci         12       EN         13       Di         14       EN         15       Fi         16       Fr         17       Fr         18       Rd         20       El         21       W         22       Te         23       El         24       Ma   | crew Cover<br>wing Louver<br>wing Link 1<br>wing Link 2<br>/ater Tray<br>uide Louver (up)<br>uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support  | 24252015<br>10512429<br>10582057<br>20182057<br>20182057<br>10512085<br>10512086<br>10352022<br>0100224501   | 24252015<br>10512429<br>10582057<br>10582058<br>20182057<br>10512085<br>10512086<br>10352022   | 3<br>11<br>1<br>1<br>1<br>1<br>1   |
| 5         SN           6         SN           7         SN           8         W           9         Gi           10         Gi           11         Ci           12         EN           13         Di           14         EN           15         Fi           16         Fr           17         Fr           18         Ri           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  | wing Louver<br>wing Link 1<br>wing Link 2<br>Vater Tray<br>uide Louver (up)<br>uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support  | 10512429           10582057           10582058           20182057           10512085           10512086           10352022           0100224501  | 10512429<br>10582057<br>10582058<br>20182057<br>10512085<br>10512086<br>10352022   | 11<br>1<br>1<br>1<br>1<br>1  |
| 6         SN           7         SN           8         W           9         Gii           10         Gii           11         Cli           12         EN           13         Di           14         EN           15         Fii           16         Fr           17         Fr           18         Ru           20         El           21         W           22         Te           23         El           24         Ma   | wing Link 1<br>wing Link 2<br>/ater Tray<br>uide Louver (up)<br>uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support   | 10582057           10582058           20182057           10512085           10512086           10352022           0100224501   | 10582057<br>10582058<br>20182057<br>10512085<br>10512086<br>10352022   | 1<br>1<br>1<br>1<br>1  |
| 7         Si           8         W           9         Gi           10         Gi           11         Ci           12         Ex           13         Di           14         Ex           15         Fi           16         Fr           17         Fr           18         Ri           20         El           21         W           22         Te           23         El           24         Ma  | wing Link 2<br>Vater Tray<br>uide Louver (up)<br>uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support  | 10582058           20182057           10512085           10512086           10352022           0100224501  | 10582058<br>20182057<br>10512085<br>10512086<br>10352022   | 1<br>1<br>1<br>1   |
| 8         W           9         Gi           10         Gi           11         Ci           12         Ex           13         Di           14         Ex           15         Fi           16         Fr           17         Fr           18         Rd           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr   | Vater Tray<br>uide Louver (up)<br>uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support   | 20182057<br>10512085<br>10512086<br>10352022<br>0100224501   | 20182057<br>10512085<br>10512086<br>10352022   | 1<br>1<br>1  |
| 9         Gi           10         Gi           11         Ci           12         Ex           13         Di           14         Ex           15         Fi           16         Fr           17         Fr           18         Ri           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr   | uide Louver (up)<br>uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support   | 10512085           10512086           10352022           0100224501  | 10512085<br>10512086<br>10352022   | 1  |
| 10         Gi           11         Ci           12         Ex           13         Di           14         Ex           15         Fi           16         Fr           17         Fr           18         Ri           19         Di           21         W           22         Te           23         El           24         Ma           25         Tr  | uide Louver (down)<br>ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support   | 10512086<br>10352022<br>0100224501   | 10512086<br>10352022   | 1  |
| 11         Ci           12         Ex           13         Di           14         Ex           15         Fi           16         Fr           17         Fr           18         Ri           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  | ross Flow Fan<br>vaporator Assy<br>rainage Pipe<br>vaporator Support   | 10352022<br>0100224501   | 10352022   | -  |
| 12         Ev           13         Du           14         Ev           15         Fi           16         Fr           17         Fr           18         Rd           19         Di           20         El           21         W           22         Te           23         El           24         Ma  | vaporator Assy<br>rainage Pipe<br>vaporator Support  | 0100224501   |  | 1  |
| 13         Di           14         Ev           15         Fi           16         Fr           17         Fr           18         Rd           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  | rainage Pipe<br>vaporator Support  |  | 0100224501   |  |
| 14         Ex           15         Fi           16         Fr           17         Fr           18         Rd           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  | vaporator Support  | 05230014   |  | 1  |
| 15         Fi           16         Fr           17         Fr           18         Ro           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  |  |  | 05230014   | 1  |
| 16         Fr           17         Fr           18         Ro           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  | Iter   | 24212067   | 24212067   | 1  |
| 17         Fr           18         Ra           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  |  | 111220481  | 11122048   | 2  |
| 18         Rd           19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  | rontCase   | 20002652   | 20002652   | 1  |
| 19         Di           20         El           21         W           22         Te           23         El           24         Ma           25         Tr  | ront Panel   | 20002843   | 20002843   | 1  |
| 20 El<br>21 W<br>22 Te<br>23 El<br>24 Ma<br>25 Tr   | emote Controller   | 30510041   | 30510041   | 1  |
| 21 W<br>22 Te<br>23 El<br>24 Ma<br>25 Tr  | isplaying Light Board  | 30545033   | 30545033   | 1  |
| 22 Te<br>23 El<br>24 Ma<br>25 Tr  | lectric Box Cover 1  | 20112019   | 20112019   | 1  |
| 23 El<br>24 Ma<br>25 Tr   | /ire Clamp   | 71010103   | 71010103   | 1  |
| 24 Ma<br>25 Tr  | erminal Board  | 42011240   | 42010262   | 1  |
| 25 Tr   | lectric Box Cover  | 20112020   | 20112020   | 1  |
|   | ain PCB  | 30135095   | 30135096   | 1  |
|   | ransformer   | 43110237   | 43110237   | 1  |
| 26 R  | oom Sensor 15k   | 390000451  | 390000451  | 1  |
| 27 Τι   | ube Sensor 20k   | 390000591  | 390000591  | 1  |
| 28 Se   | ensor Insert   | 42020063   | 42020063   | 1  |
|   | lectric Box  | 20112018   | 20112018   | 1  |
| 30 Lo   | ower Shield of Electric Box  | 01592037   | 01592037   | 1  |
|   | pper Shield of Electric Box  | 01592038   | 01592038   | 1  |
|   | tepping Motor MP35XX   | 15213001   | 15213001   | 1  |
|   | otor Clamp   | 26112095   | 26112095   | 1  |
|   | elicoid tongue   | 26252009   | 26252009   | 1  |
|   | otor FN20C-PG  | 15012077   | 15012077   | 1  |
| 36 Pi<br>37 Co  | ipe Clamp  | 26112096   | 26112096   | 1  |

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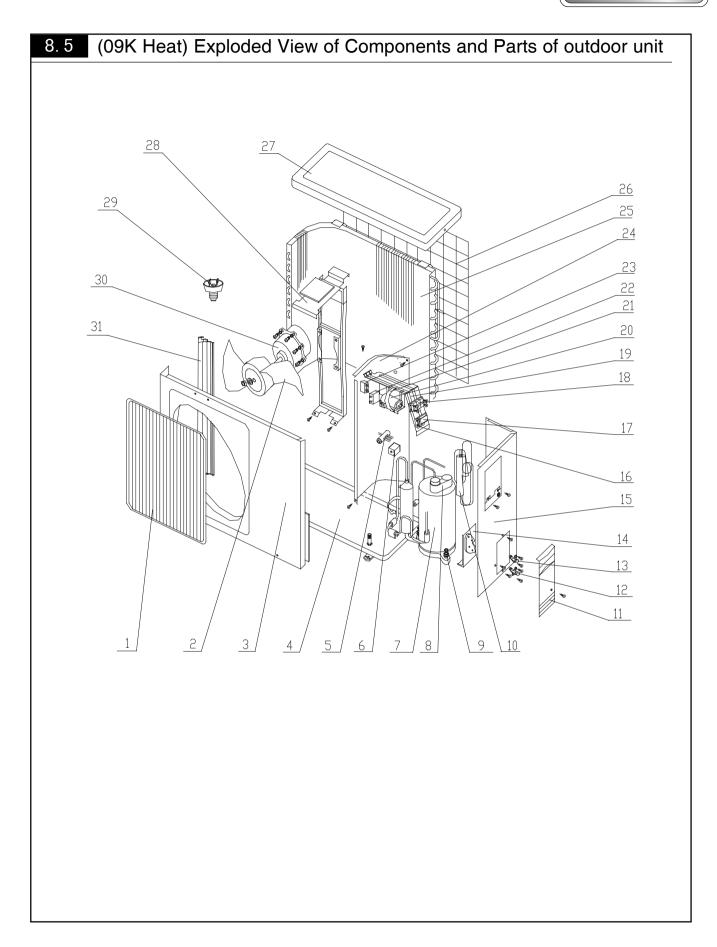
|    |                              | Part Code        |                  |       |
|----|------------------------------|------------------|------------------|-------|
| No | Description                  | GWCN18DCND1A1A/I | GWHN18DCND1A1A/I | _ Qty |
| 1  | Wall-Mounting Frame          | 01252004         | 01252004         | 1     |
| 2  | Rear Case                    | 22202329         | 22202329         | 1     |
| 3  | Fan Bearing                  | 76512203         | 76512203         | 1     |
| 4  | Screw Cover                  | 24252015         | 24252015         | 3     |
| 5  | Swing Louver                 | 10512429         | 10512429         | 11    |
| 6  | Swing Link 1                 | 10582057         | 10582057         | 1     |
| 7  | Swing Link 2                 | 10582058         | 10582058         | 1     |
| 8  | Water Tray                   | 20182057         | 20182057         | 1     |
| 9  | Guide Louver (up)            | 10512085         | 10512085         | 1     |
| 10 | Guide Louver (down)          | 10512086         | 10512086         | 1     |
| 11 | Cross Flow Fan               | 10352022         | 10352022         | 1     |
| 12 | Evaporator Assy              | 0100224501       | 0100224501       | 1     |
| 13 | Drainage Pipe                | 05230014         | 05230014         | 1     |
| 14 | Evaporator Support           | 24212067         | 24212067         | 1     |
| 15 | Filter                       | 111220481        | 11122048         | 2     |
| 16 | Front Case                   | 20002652         | 20002652         | 1     |
| 17 | Front Panel                  | 20002843         | 20002843         | 1     |
| 18 | Remote Controller            | 30510041         | 30510041         | 1     |
| 19 | Displaying Light Board       | 30545033         | 30545033         | 1     |
| 20 | Electric Box Cover 1         | 20112019         | 20112019         | 1     |
| 21 | Wire Clamp                   | 71010103         | 71010103         | 1     |
| 22 | Terminal Board T4A3A         | 42011240         | 42010262         | 1     |
| 23 | Electric Box Cover           | 20112020         | 20112020         | 1     |
| 24 | Main PCB                     | 30135095         | 30135096         | 1     |
| 25 | Transformer                  | 43110237         | 43110237         | 1     |
| 26 | Room Sensor 15k              | 39000451         | 390000451        | 1     |
| 27 | Tube Sensor 20k              | 390000591        | 390000591        | 1     |
| 28 | Sensor Insert                | 42020063         | 42020063         | 1     |
| 29 | Electric Box                 | 20112018         | 20112018         | 1     |
| 30 | Lower Shield of Electric Box | 01592037         | 01592037         | 1     |
| 31 | Upper Shield of Electric Box | 01592038         | 01592038         | 1     |
| 32 | Stepping Motor MP35XX        | 15213001         | 15213001         | 1     |
| 33 | Motor Clamp                  | 26112095         | 26112095         | 1     |
| 34 | Helicoid tongue              | 26252009         | 26252009         | 1     |
| 35 | Motor FN20K-PG               | 150120771        | 150120771        | 1     |
| 36 | Pipe Clamp                   | 26112096         | 26112096         | 1     |
| 37 | Connecting Cable             | 400205402        | 400205402        | 1 1   |

|    |                              | Part           | Code             |       |
|----|------------------------------|----------------|------------------|-------|
| No | Description                  | GWCN24DCNK1A1A | GWHN24DCNK1A1A/I | – Qty |
| 1  | Wall-Mounting Frame          | 01252004       | 01252004         | 1     |
| 2  | Rear Case                    | 22202329       | 22202329         | 1     |
| 3  | Fan Bearing                  | 76512203       | 76512203         | 1     |
| 4  | Screw Cover                  | 24252015       | 24252015         | 3     |
| 5  | Swing Louver                 | 10512429       | 10512429         | 11    |
| 6  | Swing Link 1                 | 10582057       | 10582057         | 1     |
| 7  | Swing Link 2                 | 10582058       | 10582058         | 1     |
| 8  | Water Tray                   | 20182057       | 20182057         | 1     |
| 9  | Guide Louver (up)            | 10512085       | 10512085         | 1     |
| 10 | Guide Louver (down)          | 10512086       | 10512086         | 1     |
| 11 | Cross Flow Fan               | 10352022       | 10352022         | 1     |
| 12 | Evaporator Assy              | 010022364      | 010022364        | 1     |
| 13 | Drainage Pipe                | 05230014       | 05230014         | 1     |
| 14 | Evaporator Support           | 24212067       | 24212067         | 1     |
| 15 | Filter                       | 11122048       | 11122048         | 2     |
| 16 | Front Case                   | 20002652       | 20002652         | 1     |
| 17 | Front Panel                  | 20002843       | 20002843         | 1     |
| 18 | Remote Controller            | 30510041       | 30510041         | 1     |
| 19 | Displaying Light Board       | 30545033       | 30545033         | 1     |
| 20 | Electric Box Cover 1         | 20112019       | 20112019         | 1     |
| 21 | Wire Clamp                   | 71010103       | 71010103         | 1     |
| 22 | Terminal Board               | 42011233       | 4201026201       | 1     |
| 23 | Electric Box Cover           | 20112020       | 20112020         | 1     |
| 24 | Main PCB                     | 30135162       | 30135163         | 1     |
| 25 | Transformer                  | 43110237       | 43110237         | 1     |
| 26 | Room Sensor 15k              | 39000451       | 390000451        | 1     |
| 27 | Tube Sensor 20k              | 390000591      | 390000591        | 1     |
| 28 | Sensor Insert                | 42020063       | 42020063         | 1     |
| 29 | Electric Box                 | 20112018       | 20112018         | 1     |
| 30 | Lower Shield of Electric Box | 01592037       | 01592037         | 1     |
| 31 | Upper Shield of Electric Box | 01592038       | 01592038         | 1     |
| 32 | Stepping Motor MP35XX        | 15213001       | 15213001         | 1     |
| 33 | Motor Clamp                  | 26112095       | 26112095         | 1     |
| 34 | Helicoid tongue              | 26252009       | 26252009         | 1     |
| 35 | Motor FN20C-PG               | 15012077       | 15012077         | 1     |
| 36 | Pipe Clamp                   | 26112096       | 26112096         | 1     |
| 37 | Connecting Cable             | 400205382      | 400205382        | 1     |

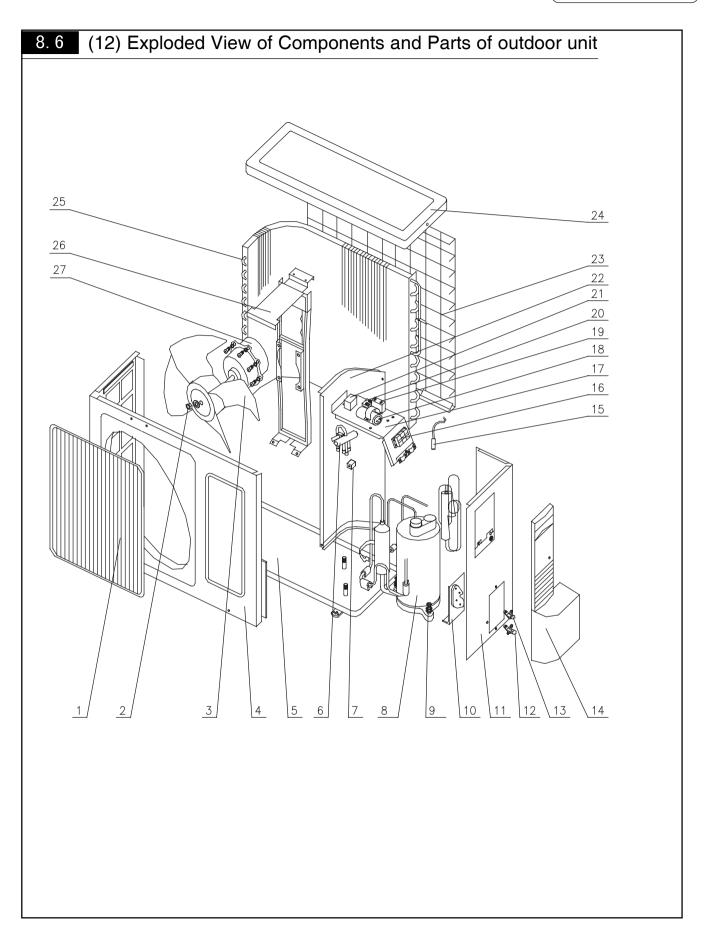
|    | Part Code                    |                  |                  |     |
|----|------------------------------|------------------|------------------|-----|
| No | Description                  | Part Code        |                  | Qty |
|    |                              | GWCN24DCND1A1A/I | GWHN24DCND1A1A/I |     |
| 1  | Wall-Mounting Frame          | 01252004         | 01252004         | 1   |
| 2  | Rear Case                    | 22202329         | 22202329         | 1   |
| 3  | Fan Bearing                  | 76512210         | 76512210         | 1   |
| -  | Screw Cover                  | 24252015         | 24252015         |     |
| 5  | Swing Louver                 | 10512429         | 10512429         | 12  |
| 6  | Swing Link 1                 | 10582057         | 10582057         | 1   |
| 7  | Swing Link 2                 | 10582058         | 10582058         | 1   |
| 8  | Water Tray                   | 20182057         | 20182057         | 1   |
| 9  | Guide Louver (up)            | 10512085         | 10512085         | 1   |
| 10 | Guide Louver (down)          | 10512086         | 10512086         | 1   |
| 11 | Cross Flow Fan               | 10352022         | 10352022         | 1   |
| 12 | Evaporator Assy              | 010022364        | 010022364        | 1   |
| 13 | Drainage Pipe                | 05230014         | 05230014         | 1   |
| 14 | Evaporator Support           | 24212067         | 24212067         | 1   |
| 15 | Filter                       | 11122048         | 11122048         | 2   |
| 16 | Front Case                   | 20002652         | 20002652         | 1   |
| 17 | Front Panel                  | 20002843         | 20002843         | 1   |
| 18 | Remote Controller YB1FA      | 30510041         | 30510041         | 1   |
| 19 | Displaying Light Board       | 224320691        | 224320691        | 1   |
| 20 | Electric Box Cover 1         | 20112019         | 20112019         | 1   |
| 21 | Wire Clamp                   | 71010103         | 71010103         | 1   |
| 22 | Terminal Board               | 42011233         | 4201026201       | 1   |
| 23 | Electric Box Cover           | 20112020         | 20112020         | 1   |
| 24 | Main PCB                     | 30135162         | 30135163         | 1   |
| 25 | Transformer 57X25C           | 43110237         | 43110237         | 1   |
| 26 | Room Sensor 15k              | 390000451        | 390000451        | 1   |
| 27 | Tube Sensor 20k              | 390000591        | 390000591        | 1   |
| 28 | Sensor Insert                | 42020063         | 42020063         | 1   |
| 29 | Electric Box                 | 20112018         | 20112018         | 1   |
| 30 | Lower Shield of Electric Box | 01592037         | 01592037         | 1   |
| 31 | Upper Shield of Electric Box | 01592038         | 01592038         | 1   |
| 32 | Stepping Motor MP35XX        | 15213001         | 15213001         | 1   |
| 33 | Motor Clamp                  | 26112095         | 26112095         | 1   |
| 34 | Helicoid tongue              | 26252009         | 26252009         | 1   |
| 35 | Motor FN20K-PG               | 150120771        | 150120771        | 1   |
| 36 | Pipe Clamp                   | 24242001         | 24242001         | 1   |
| 37 | Connecting Cable             | 400205382        | 400205382        | 1   |



| No  | Description                  | Part Code        |                  |       |
|-----|------------------------------|------------------|------------------|-------|
| INO | Description                  | GWCN09DANK1A1A/O | GWCN09DAND1A1A/O | - Qty |
| 1   | Front Grill                  | 01473004         | 01473004         | 1     |
| 2   | Axial Flow Fan               | 10333005         | 10333005         | 1     |
| 3   | Front Plate                  | 1533024          | 01533024         | 1     |
| 4   | Metal Base                   | 01203627P        | 01203627P        | 1     |
| 5   | Compressor                   | 00103037         | 00103056         | 1     |
| 6   | Capillary Assy               | 03103504         | 03103505         | 1     |
| 7   | Handle                       | 26233101         | 26233101         | 1     |
| 8   | Gas Valve                    | 07100145         | 07100145         | 1     |
| 9   | Liquid Valve                 | 07100024         | 07100024         | 1     |
| 10  | Valve Support                | 01713424         | 01713424         | 1     |
| 11  | Right Side Plate             | 01303151         | 01303151         | 1     |
| 12  | Wiring clamp plate           | 24253001         | 24253001         | 1     |
| 13  | Wiring clamp cover           | 24253002         | 24253002         | 1     |
| 14  | Terminal Board T386A (3 bit) | 42011241         | 42011241         | 1     |
| 15  | Electric Plate               | 01403012         | 01403012         | 1     |
| 16  | Comp Capacitor               | 33000018         | 33000018         | 1     |
| 17  | Capacitor Clamp              | 02143014         | 02143014         | 1     |
| 18  | Fan Capacitor                | 33010020         | 33010025         | 1     |
| 19  | Isolation Sheet Assy         | 01233101         | 01233101         | 1     |
| 20  | Condenser Assy               | 0113308201       | 0113308201       | 1     |
| 21  | Rear Grill                   | 11123204         | 11123204         | 1     |
| 22  | Top Cover                    | 012532632        | 012532632        | 1     |
| 23  | Motor Support                | 01703029         | 01703029         | 1     |
| 24  | Motor                        | 15013156         | 15013004         | 1     |

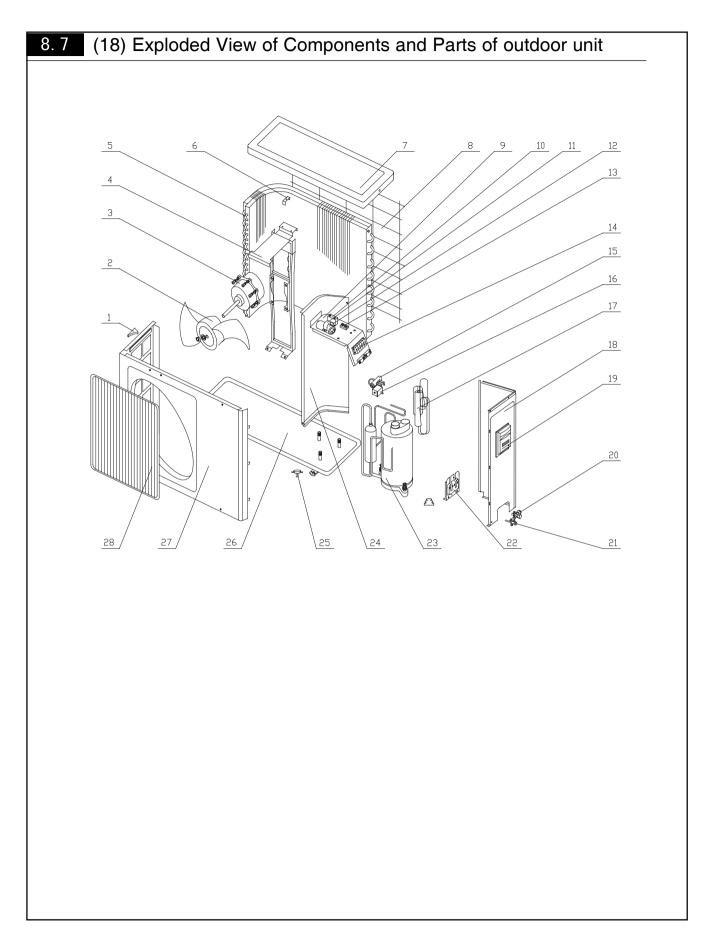


| No<br>1<br>2<br>3<br>4<br>5 | Description<br>Front Grill | GWHN09DANK1A1A/O     | Code                 |     |
|-----------------------------|----------------------------|----------------------|----------------------|-----|
| 2<br>3<br>4                 | Front Grill                |                      | GWHN09DAND1A1A/O     | Qty |
| 2<br>3<br>4                 | FIOREGRA                   | 01473004             | 01473004             | 1   |
| 3<br>4                      | Axial Flow Fan             | 10333005             | 10333005             | 1   |
| 4                           | Front Plate                | 01533024             | 01533024             | 1   |
| -                           | Metal Base                 | 012035481            | 012035481            | 1   |
| 5                           | 4-way valve                | 43000402             | 43000402             | 1   |
| 6                           | 4-way valve coil           | 43000402             | 43000402             | 1   |
| 7                           | Compressor                 | 00103037             | 00103056             | 1   |
| 8                           | Overload Protector         | 00103037             | 00103030             | 1   |
| <u> </u>                    | Compressor Gasket          | /                    | 自带                   | 3   |
| 9<br>10                     | Capillary Assy             | 03003972             | 03003975             | 3   |
| 10                          | Handle                     | 26233101             | 26233101             | 1   |
| 12                          | Gas Valve 3/8              | 07100145             | 07100145             | 1   |
| 12                          | Liquid Valve 1/4           | 07100143             | 07100145             | 1   |
| -                           |                            |                      |                      | 1   |
| 14<br>15                    | Valve Support              | 01713424             | 01713424             |     |
| 15                          | Right Side Plate           | 01303151<br>24253001 | 01303151             | 1   |
| 16                          | Wiring clamp plate         |                      | 24253001             |     |
|                             | Wiring clamp cover         | 24253002             | 24253002             | 1   |
| 18                          | Terminal Board             | 42010254             | 42010254             | 1   |
| 19                          | Electric Plate             | 01403012             | 01403012             | 1   |
| 20                          | Comp Capacitor             | 33000018             | 33000018             | 1   |
| 21<br>22                    | Capacitor Clamp            | 02143014             | 02143014             | 1   |
|                             | Fan Capacitor              | 33010020             | 33010025             | 1   |
| 23                          | Terminal Board             | 42011103             | 42011103             | 1   |
| 24                          | Isolation Sheet Assy       | 01233101             | 01233101             | 1   |
| 25                          | Condenser Assy             | 01133396             | 01133396             | 1   |
| 26                          | Rear Grill                 | 11123204             | 11123204             | 1   |
| 27                          | Top Cover                  | 012530271            | 012530271            | 1   |
| 28                          | Motor Support              | 01703029             | 01703029             | 1   |
| 29                          | Drainage Connecter         | 06123401             | 06123401             | 1   |
| 30<br>31                    | Motor<br>Backstop          | 15013156             | 15013004<br>01793005 | 1   |



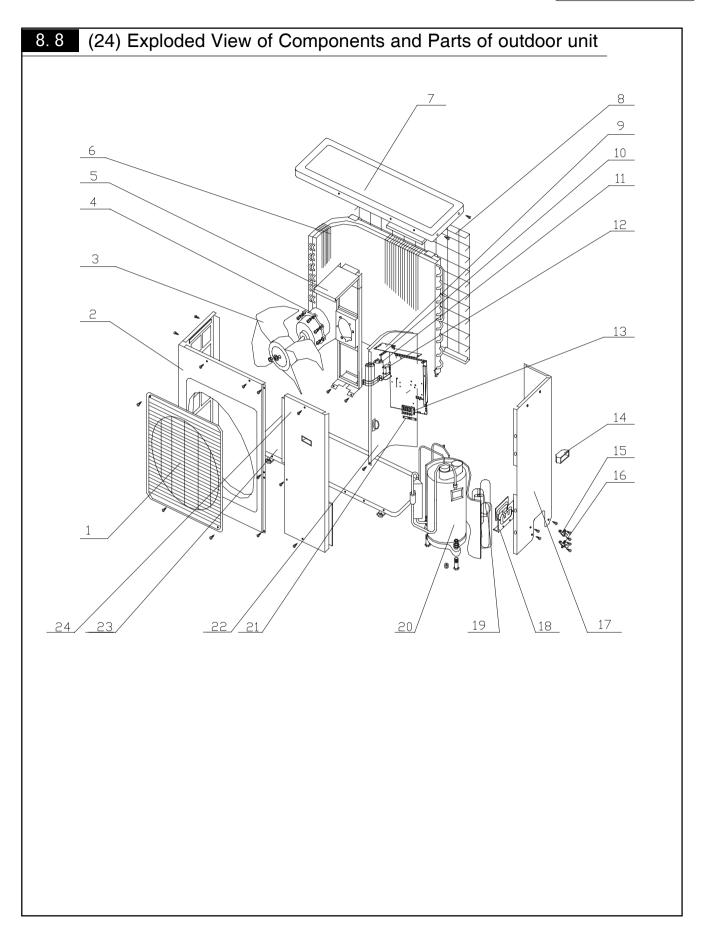
|    | Description             | Part Code        |                  |       |
|----|-------------------------|------------------|------------------|-------|
| No | Description             | GWCN12DBNK1A1A/O | GWHN12DBNK1A1A/O | – Qty |
| 1  | Front Grill             | 22413431         | 22413431         | 1     |
| 2  | Nut M6                  | 70310131         | 70310131         | 1     |
| 3  | Axial Flow Fan          | 10333415         | 10333415         | 1     |
| 4  | Front Plate             | 01533012         | 01533012         | 1     |
| 5  | Metal Base              | 12033398         | 1203339          | 1     |
| 6  | 4-way Valve             | /                | 43000403         | 1     |
| 7  | 4-way Valve Coil        | /                | 3023826          | 1     |
|    | Compressor QXA-133uB030 | 00103079         | 00103079         | 1     |
| 8  | Overload Protector      | 内置               | 内置               | 1     |
|    | Compressor Gasket       | 自带               | 自带               | 3     |
| 9  | Nut with Washer M8      | 70310014         | 70310011         | 3     |
| 10 | Valve Support           | 01713041         | 01713041         | 1     |
| 11 | Right Side Plate        | 01303048         | 01303048         | 1     |
| 12 | Valve 1/4"              | 07100024         | 07100024         | 1     |
| 13 | Valve 1/2"              | 07100147         | 07100147         | 1     |
| 14 | Handle                  | 26233433         | 26233433         | 1     |
| 15 | Tube Sensor             | None             | None             | /     |
| 16 | Terminal Board          | /                | 42011147         | 1     |
| 17 | Electric Plate Assy     | 01403117         | 01403117         | 1     |
| 18 | Capacitor               | 33010743         | 33010743         | 1     |
| 19 | Capacitor               | 33010026         | 33010026         | 1     |
| 20 | Terminal Board (1)      | 42011154         | 42010265         | 1     |
| 21 | AC Contactor            | None             | None             | /     |
| 22 | Isolation Sheet         | 01233417         | 01233417         | 1     |
| 23 | Rear Grill              | 11123205         | 11123205         | 1     |
| 24 | Top cover plate         | 01253443         | 01253443         | 1     |
| 25 | Condenser Assy          | 0110398504       | 1113001          | 1     |
| 26 | Motor Support           | 01703020         | 01703020         | 1     |
| 27 | Motor FW25K             | 150130671        | 150130671        | 1     |

| No | Description             | Part Code        |                   |     |
|----|-------------------------|------------------|-------------------|-----|
| No | Description             | GWCN12DBND1A1A/O | GWHN12DBND1A1A/O  | Qty |
| 1  | Front Grill             | 22413431         | 22413431          | 1   |
| 2  | Nut M6                  | 70310131         | 70310131          | 1   |
| 3  | Axial Flow Fan          | 10333415         | 10333414          | 1   |
| 4  | Front Plate             | 01533012         | 01533012          | 1   |
| 5  | Metal Base              | 12032467         | 01203035          | 1   |
| 6  | 4-way Valve             | /                | 43000402          | 1   |
| 7  | 4-way Valve Coil        | /                | 43000400          | 1   |
|    | Compressor QXA-133uB030 | 00101013         | 00100260          | 1   |
| 8  | Overload Protector      | 00183011         | 00180052          | 1   |
|    | Compressor Gasket       | 自带               | 自带                | 3   |
| 9  | Nut with Washer M8      | 70310011         | 70310014          | 3   |
| 10 | Valve Support           | 01713041         | 01713041          | 1   |
| 11 | Right Side Plate        | 01303048         | 01303048          | 1   |
| 12 | Valve 1/4"              | 07100024         | 07100024          | 1   |
| 13 | Valve 1/2"              | 07100147         | 07100147          | 1   |
| 14 | Handle                  | 26233433         | 26233433          | 1   |
| 15 | Tube Sensor             | None             | None              | /   |
| 16 | Terminal Board          | /                | 42010254          | 1   |
| 17 | Electric Plate Assy     | 01403117         | 01403117          | 1   |
| 18 | Capacitor               | 33000017         | 33000018          | 1   |
| 19 | Capacitor               | 33010026         | 33010026          | 1   |
| 20 | Terminal Board (        | 42011154         | 4201 <b>1</b> 103 | 1   |
| 21 | AC Contactor            | None             | None              | /   |
| 22 | Isolation Sheet         | 01233417         | 01233417          | 1   |
| 23 | Rear Grill              | 11123205         | 11123205          | 1   |
| 24 | Top cover plate         | 01253443         | 01253443          | 1   |
| 25 | Condenser Assy          | 110398503        | 0110398605        | 1   |
| 26 | Motor Support           | 01703020         | 01703020          | 1   |
| 27 | Motor FW25K             | 150130671        | 150130671         | 1   |



|    |                            | Part Code        |                  |       |
|----|----------------------------|------------------|------------------|-------|
| No | Description                | GWCN18DCNK1A1A/O | GWHN18DCNK1A1A/O | _ Qty |
| 1  | Handle                     | 26235401         | 26235401         | 1     |
| 2  | Axial Flow Fan             | 10333426         | 10333426         | 1     |
| 3  | Motor LW48B                | 15013070         | 15013070         | 1     |
| 4  | Motor Support              | 01703098         | 01705003         | 1     |
| 5  | Condenser Assy             | 01103964         | 01113005         | 1     |
| 6  | Condenser Clamp            | 01173078         | 01173078         | 1     |
| 7  | Top Cover                  | 01255001         | 01255001         | 1     |
| 8  | Rear grill                 | 014730371        | 014730371        | 1     |
| 9  | Electrical Box             | 01403818         | 01405039         | 1     |
| 10 | Capacitor CBB61 3.5uF/450V | 33010010         | 33010010         | 1     |
| 11 | Capacitor Clamp            | 02143401         | 02141375         | 1     |
| 12 | Capacitor                  | 33000001         | 33000039         | 1     |
| 13 | Terminal Board 2-8         | /                | 42011103         | 1     |
| 14 | Terminal Board             | 42011241         | 42010265         | 1     |
| 15 | 4-way Valve Assy           | /                | 43000403         | 1     |
| 16 | 4-way valve coil           | /                | 430004002        | 1     |
| 17 | Capillary Assy             | 03103502         | 03003795         | 1     |
| 18 | Rear Side Plate            | 01305013         | 01305013         | 1     |
| 19 | Handle                     | 26235254         | 26235254         | 1     |
| 20 | Valve Assy 1/2             | 07100105         | 07100105         | 1     |
| 21 | Valve Assy 1/4             | 071302111        | 071302111        | 1     |
| 22 | Valve support              | 01715007         | 01715007         | 1     |
|    | Compressor                 | 00103074         | 00120051         | 1     |
| 23 | Overload Protector         | built in         | built in         |       |
|    | Compressor Gasket          | 76710270         | 76710202         | 3     |
| 24 | Mid Clapboard              | 01233035         | 01233035         | 1     |
| 25 | Drainage Connecter         | /                | 06123401         | 1     |
| 26 | Chassis                    | 01203626P        | 0120362602P      | 1     |
| 27 | Front Side Plate           | 01305015         | 01305015         | 1     |
| 28 | Front Grill                | 22415001         | 22415001         | 1     |

| No | Description              | Part Code        |                  | Qty |
|----|--------------------------|------------------|------------------|-----|
| NO | Decemption               | GWCN18DCND1A1A/O | GWHN18DCND1A1A/O |     |
| 1  | Handle                   | 26235401         | 26235401         | 1   |
| 2  | Axial Flow Fan           | 10333426         | 10333426         | 1   |
| 3  | Motor LW48P              | 1501307001       | 1501307001       | 1   |
| 4  | Motor Support            | 01703098         | 0170309801       | 1   |
| 5  | Condenser Assy           | 01103963         | 01113041         | 1   |
| 6  | Condenser Clamp          | 01173078         | 01173078         | 1   |
| 7  | Top Cover                | 01255001         | 01255001         | 1   |
| 8  | Rear grill               | 014730371        | 014730371        | 1   |
| 9  | Electrical Box           | 01403819         | 01403870         | 1   |
| 10 | Capacitor CBB61 4uF/450V | 33010011         | 33010011         | 1   |
| 11 | Capacitor Clamp          | 02143401         | 02141375         | 1   |
| 12 | Capacitor                | 33010743         | 3300001          | 1   |
| 13 | Terminal Board 2-8       | /                | 42011103         | 1   |
| 14 | Terminal Board           | 42011241         | 42010265         | 1   |
| 15 | 4-way Valve Assy         | /                | 43000403         | 1   |
| 16 | 4-way valve coil         | /                | 430004002        | 1   |
| 17 | Capillary Assy           | 03103501         | 03003795         | 1   |
| 18 | Rear Side Plate          | 01305013         | 01305013         | 1   |
| 19 | Handle                   | 26235254         | 26235254         | 1   |
| 20 | Valve Assy 1/2           | 07100105         | 07100105         | 1   |
| 21 | Valve Assy 1/4           | 071302111        | 071302111        | 1   |
| 22 | Valve support            | 01715007         | 01713076         | 1   |
|    | Compressor               | 00101132         | 00103104         | 1   |
| 23 | Overload Protector       | 00181056         | 00181056         | 1   |
|    | Compressor Gasket        | 76710228         | 76710228         | 3   |
| 24 | Mid Clapboard            | 01233035         | 01233035         | 1   |
| 25 | Drainage Connecter       | /                | 06123401         | 1   |
| 26 | Chassis                  | 01203626P        | 01203625P        | 1   |
| 27 | Front Side Plate         | 01305015         | 01305015         | 1   |
| 28 | Front Grill              | 22415001         | 22415001         | 1   |



| No  | Description                | Part Code        |                  |       |
|-----|----------------------------|------------------|------------------|-------|
| INO | Description                | GWCN24DCNK1A1A/O | GWHN24DCNK1A1A/O | – Qty |
| 1   | Front Grill                | 22414102         | 22414102         | 1     |
| 2   | Front Plate                | 01433017P        | 01433017         | 1     |
| 3   | Axial Flow Fan             | 10338731         | 10338731         | 1     |
| 4   | Motor LW68A                | 15015421         | 15015421         | 1     |
| 5   | Motor Support              | 01703027         | 01703027         | 1     |
| 6   | Condenser Assy             | 01113015         | 0111302901       | 1     |
| 7   | Top Cover                  | 01255262         | 01255262         | 1     |
| 8   | Rear Grill                 | 01473028         | 01473028         | 1     |
| 9   | Electric Box Cover         | 01413047         | 01413047         | 1     |
| 10  | Electric Plate             | 01403016         | 01403248         | 1     |
| 11  | Capacitor CBB65 60uF/450V  | 33000039         | 33000039         | 1     |
| 12  | Capacitor CBB61 3.5uF/450V | 33010010         | 33010010         | 1     |
| 13  | Terminal Board A           | 42011113         | 42010194         | 1     |
| 14  | 4-way Valve Case           | /                | 03023842         | 1     |
| 15  | Terminal Board 2-8         | /                | 42011103         | 1     |
| 16  | 4-way Valve Coil           | /                | 430004002        | 1     |
| 17  | 4-way Valve                | /                | 43000404         | 1     |
| 18  | Handle                     | 26235253         | 26235253         | 1     |
| 19  | Gas Valve Assy             | 07105252         | 07105252         | 1     |
| 20  | Liquid Valve Assy          | 07105256         | 07105256         | 1     |
| 21  | Rear Side Plate            | 01305001         | 01305036         | 1     |
| 22  | Valve Support              | 01715002         | 01715001         | 1     |
| 23  | Capillary Assy             | 03003800         | 0300393801       | 1     |
|     | Compressor SHV33ZC1-S      | 00103031         | 00103031         | 1     |
| 24  | Overload Protector         | built in         | built in         |       |
|     | Compressor Gasket          | 76710202         | 76710202         | 3     |
| 25  | Isolation Washer C         | 70410525         | 70410523         | 1     |
| 26  | Clapboard                  | 01233024         | 01233024         | 1     |
| 27  | Metal Base                 | 01205073         | 012052022        | 1     |
| 28  | Front Side Plate           | 01303023         | 01303023         | 1     |

| No  | Description                | Part Code        |                  | Qty |
|-----|----------------------------|------------------|------------------|-----|
| INU | Description                | GWCN24DCND1A1A/O | GWHN24DCND1A1A/O |     |
| 1   | Front Grill                | 22414102         | 22414102         | 1   |
| 2   | Front Plate                | 01433017         | 01433017         | 1   |
| 3   | Axial Flow Fan             | 10338731         | 10338731         | 1   |
| 4   | Motor LW68A                | 15015421         | 15015421         | 1   |
| 5   | Motor Support              | 01703027         | 01703027         | 1   |
| 6   | Condenser Assy             | 01113029         | 01113029         | 1   |
| 7   | Top Cover                  | 01255262         | 01255262         | 1   |
| 8   | Rear Grill                 | 01473028         | 01473028         | 1   |
| 9   | Electric Box Cover         | 01413047         | 01413047         | 1   |
| 10  | Electric Plate             | 01403248         | 01403248         | 1   |
| 11  | Capacitor CBB61 3.5uF/450V | 33010010         | 33010010         | 1   |
| 12  | Capacitor CBB65 45uF/450V  | 33000012         | 33000012         | 1   |
| 13  | Terminal Board 2-8         | 42011103         | 42011103         | 1   |
| 14  | 4-way Valve Case           |                  | 030251013        | 1   |
| 15  | Terminal Board             | 420101941        | 420101941        | 1   |
| 16  | 4-way Valve Coil           |                  | 430004002        | 1   |
| 17  | 4-way Valve                |                  | 43000404         | 1   |
| 18  | Handle                     | 26235253         | 26235253         | 1   |
| 19  | Gas Valve Assy             | 07105252         | 07105252         | 1   |
| 20  | Liquid Valve Assy          | 07105256         | 07105256         | 1   |
| 21  | Rear Side Plate            | 01303115         | 01303115         | 1   |
| 22  | Valve Support              | 01715256         | 01715256         | 1   |
| 23  | Capillary Assy             | 03003800         | 03003938         | 1   |
| 24  | Compressor SHY73MC4-U      | 00100150         | 00100150         | 1   |
| 25  | Isolation Washer C         | 70410523         | 70410523         | 1   |
| 26  | Clapboard                  | 01233024         | 01233024         | 1   |
| 27  | Metal Base                 | 012052012        | 012052012        | 1   |
| 28  | Front Side Plate           | 01303023         | 01303023         | 1   |

