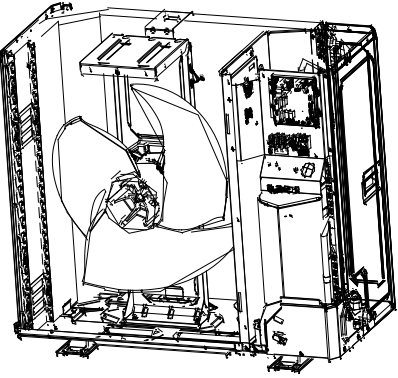
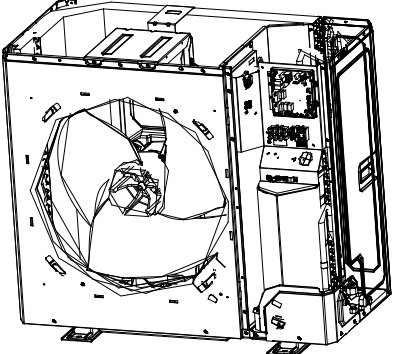
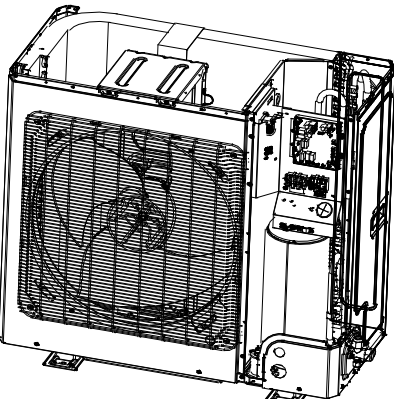
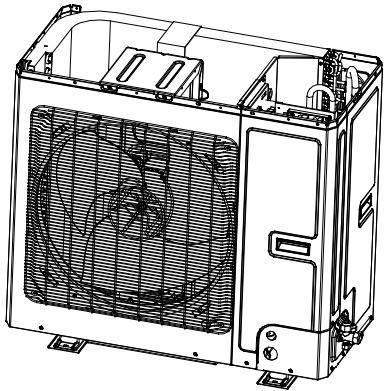
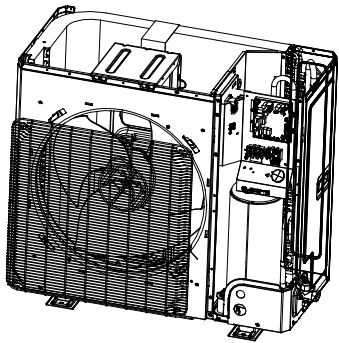
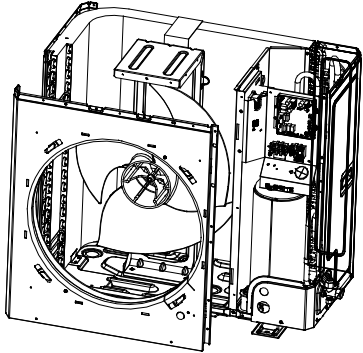
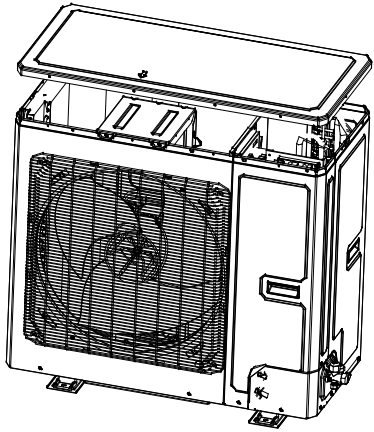
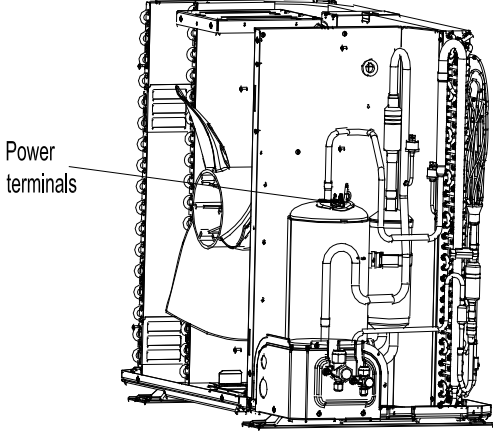
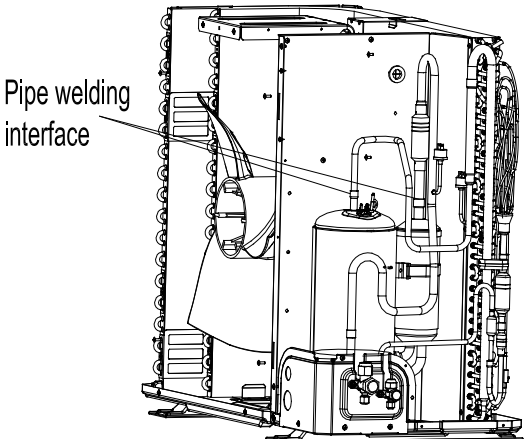
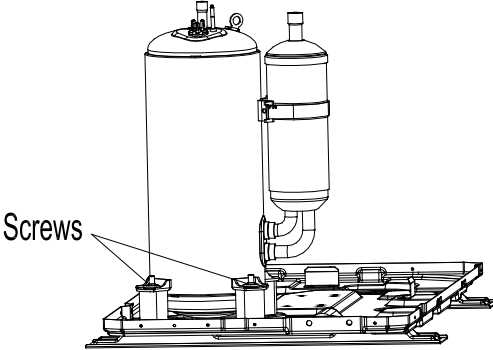
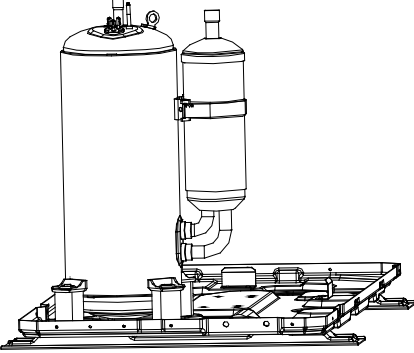
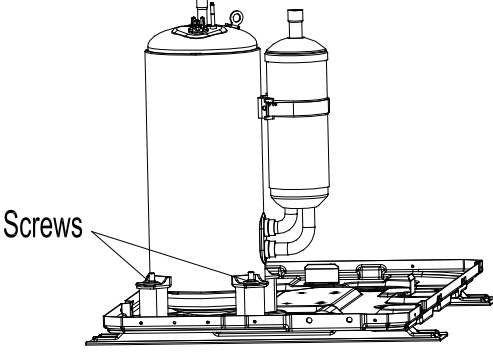
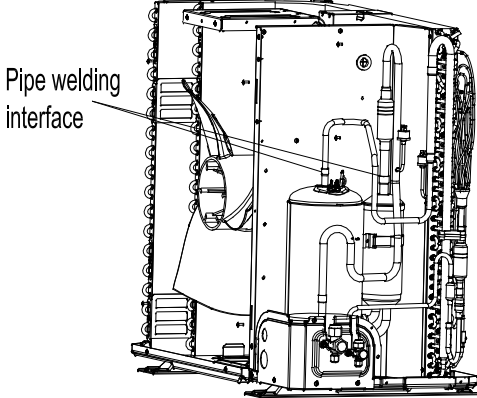


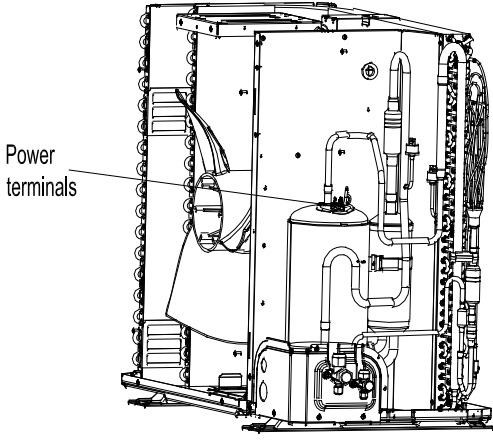
Removal of front panel		
Note: Before removing the front panel, make sure power is cut off.		
Step	Picture	Work instruction
4.Remove the front panel.		Unscrew the screws that connect the front panel to the middle insulating board and screws around the front panel.
5.Remove the right side plate.		Unscrew the screws that connect the right side plate to the electric box and the screws around the right side plate.
6.Install the right side plate.		Screw up the screws around the right side plate. Be careful to handle well the clasps at the bottom of the right side plate.

Removal of front panel		
Note: Before removing the front panel, make sure power is cut off.		
Step	Picture	Work instruction
7. Install the front panel.		Install the front panel by mounting on 6 clasps on its both sides. Please note that there is one screw on the lower right side.
8. Install the grill.		Attach the grill back in place and tighten up the screws.
9. Install the front side plate.		Fix the clasps on both sides of the plate and tighten up the screws.
10. Install the upper cover plate.		Tighten up the screws around the upper cover plate.

Model: GU125W/A1-M;GU140W/A1-M;GU160W/A1-M

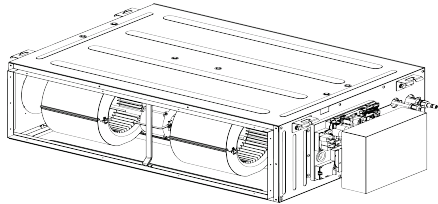
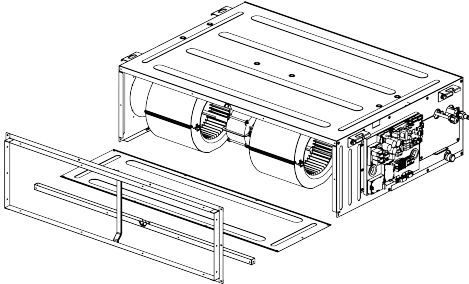
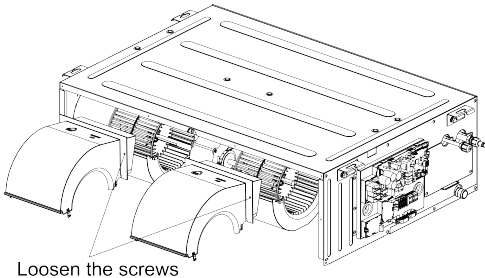
Removal of compressor/gas liquid separator		
Note: Before removing the compressor/gas liquid separator, make sure there is no refrigerant in the pipeline and power is cut off.		
Step	Picture	Work instruction
1.Remove wires.		<p>Loosen the securing screws of the wires with a screwdriver.</p> <p>Remove the wires.</p> <p>Note: When removing the wires, mark the wire terminals corresponding to their color so as to avoid misconnection.</p>
2.Break off the pipes that connecting to the compressor/gas liquid separator.		<p>Weld the pipes that are connected to the compressor.</p> <p>Then remove the pipes.</p> <p>Note: When welding the pipes, do not let the flame burn the other components.</p>
3.Loosen the compressor's base connectors base nuts.		<p>Use a wrench to twist off the compressor base nuts.</p>

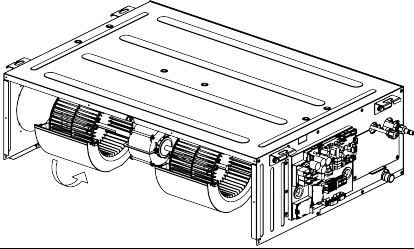
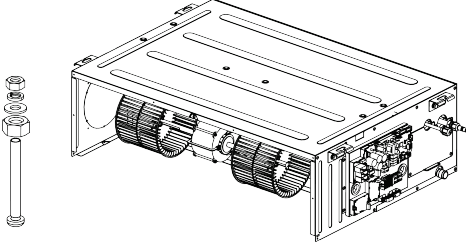
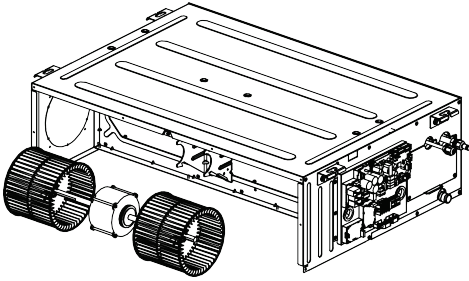
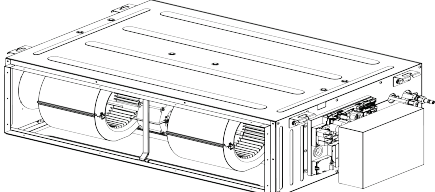
Removal of compressor/gas liquid separator		
Note: Before removing the compressor/gas liquid separator, make sure there is no refrigerant in the pipeline and power is cut off.		
Step	Picture	Work instruction
4.Remove the compressor from the chassis.		<p>Take away the compressor and replace with a new one.</p> <p>Note: When replacing the compressor, avoid touching the nearby pipeline and components.</p>
5.Install the new compressor onto the chassis.		<p>After replacing the compressor, tighten up the base screw nuts.</p>
6.Connect the welding interfaces of compressor to the pipeline.		<p>Weld the connection pipes of compressor so as to connect them to the compressor.</p> <p>Note: When replacing the compressor, avoid touching the nearby pipeline and components.</p>

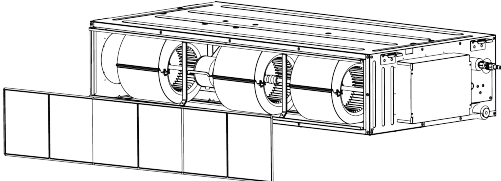
Removal of compressor/gas liquid separator		
Note: Before removing the compressor/gas liquid separator, make sure there is no refrigerant in the pipeline and power is cut off.		
Step	Picture	Work instruction
7. Connect the compressor wires.		<p>Connect the compressor wires to the wire terminals on the top of compressor.</p> <p>Note: When connecting the wires, be sure to match the colors with the corresponding wire terminals.</p>

4.4.2 Removal of IDU Major Components

4.4.2.1 Duct Type Unit

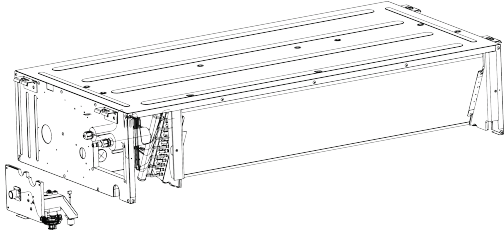
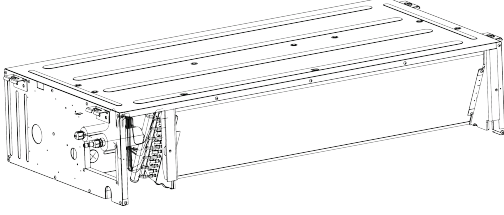
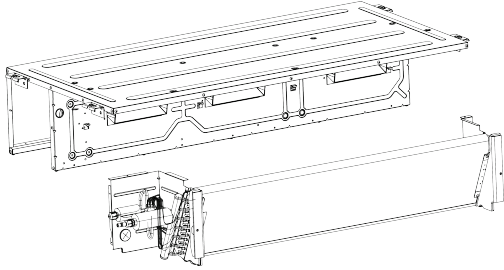
Removal of fan and motor		
Note: Before removing the motor, make sure power is cut off.		
Step	Picture	Work instruction
1. Remove the cover of electric box.		Turn off the power supply of indoor unit. Use a screwdriver to remove the cover of electric box. Disconnect the motor wire inside the electric box.
2. Remove air return plate, the longitudinal component and air return frame.		Use a hex wrench to loosen the screws of fan. Order of removal: air return plate, air return frame, longitudinal component, cross beam.
3. Remove the upper volute.		Loosen the screws of upper volute and then pull out the upper volute.

Removal of fan and motor		
Note: Before removing the motor, make sure power is cut off.		
Step	Picture	Work instruction
4.Remove the lower volute.		Loosen the screws of lower volute and then rotate in the direction shown by the arrow.
5.Remove the motor and fan.		Use a screwdriver to remove the clamping band of motor. Then remove the motor and fan as a whole.
6.Replace the motor.		Remove the motor from the motor support. Use a hexwrench to loosen the screws of fan. Remove the fan from the motor. Replace with a new motor.
7.Re-install the device in a reverse order of the removal procedure.		Re-install the device in a reverse order of the removal procedure. Then connect power and test it.

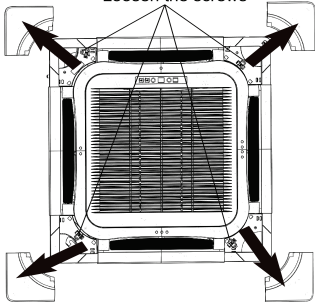
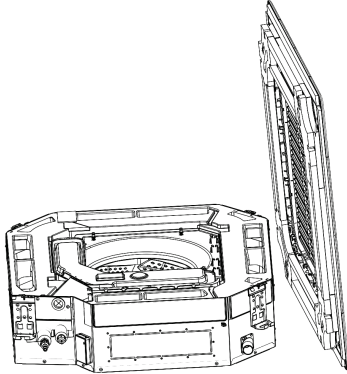
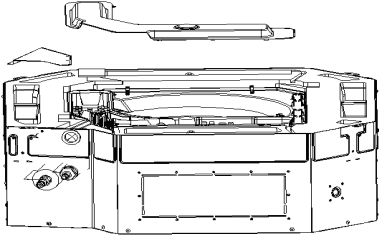
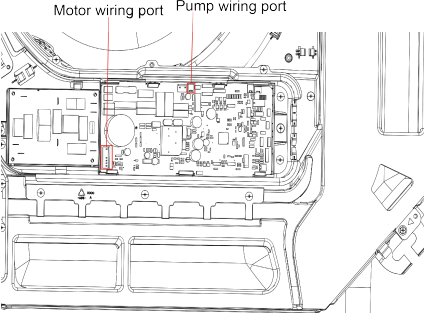
Removal of air return filter		
Note: Before removal, make sure power is cut off. During the removal procedure, take good care of all the components. Do not place the filter near any heat source.		
Step	Picture	Work instruction
Remove air return filter.		Press the air return filters on the guideway sponge. There are 2 or 3 air return filters.

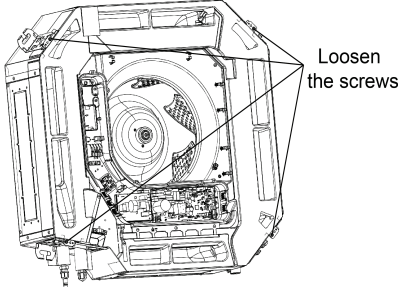
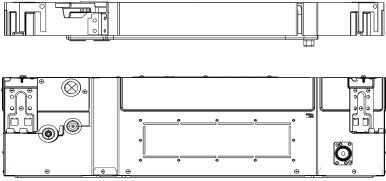
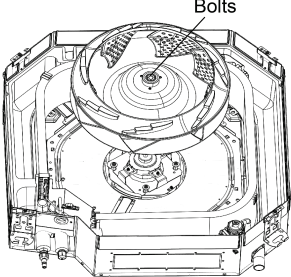
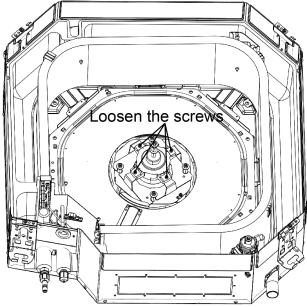
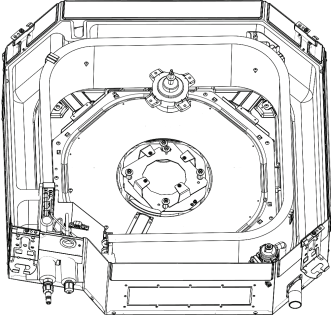
Removal of the cover of electric box and the electric box		
<p>Note: Before removal, make sure power is cut off. During the removal procedure, take good care of all the components, especially the electric components. Do not hit or beat.</p>		
Step	Picture	Work instruction
1.Remove the cover of electric box.		Loosen the screws as shown by the circle and the box. Remove the box in the direction shown by the arrow.
2.Remove the electric box.		Loosen the securing screws and remove the electric box.

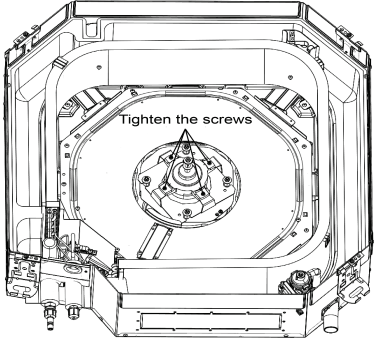
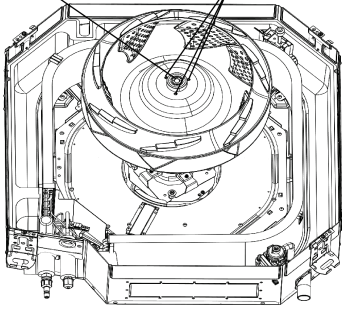
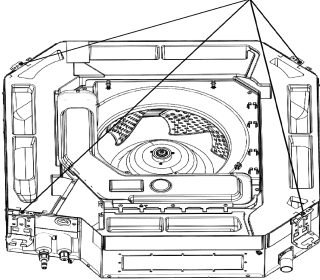
Removal of water tray		
<p>Note: Before removal, make sure power is cut off. During the removal procedure, take good care of all the components.</p>		
Step	Picture	Work instruction
1.Remove the cover plate.		Loosen the screws of cover plate and then remove the cover plate. (As shown in the picture, the circle indicates 6 screws of the cover plate.)
2.Remove the water tray.		Loosen the screws of water trap. Pull it up and remove it. The removed water tray is as shown in the picture.

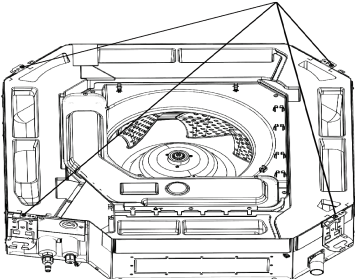
Removal of evaporator		
Note: Make sure power is cut off. Take good care of the copper pipe and aluminum fins. If the removal takes a long time, please put the copper pipe under pressure.		
Step	Picture	Work instruction
1.Remove the screws on the side plate of evaporator.		Remove the screws of evaporator and the screws that connect the upper cover plate to the left and right side plates.
2.Remove the sealing plate the connects to the evaporator valve and the screws that connect to the flange.		Remove the screws of the sealing plate of valve. Then remove the sealing plate of valve. Remove the screws that connect the evaporator to the flange.
3.Remove the evaporator.		Take off the evaporator. The removed evaporator is as shown in the picture.

4.2.2.2 Cassette Type Unit

Removal of fan and motor		
Note: Before removing the motor, power must be cut off.		
Step	Picture	Work instruction
1.Remove the front panel.		<p>Turn off the power supply of indoor unit.</p> <p>Push the 4 corner plates in the directions shown by the arrows. Loosen the screws and remove the front panel.</p>
		
2.Remove the cover of electric box and the clamp of power cord.		<p>Twist off the screws. Open the cover of electric box and the clamp of power cord.</p>
3.Remove the motor wire and water pump wire.		<p>Remove the motor wire and water pump of the electric box.</p>

Removal of fan and motor		
Note: Before removing the motor, power must be cut off.		
Step	Picture	Work instruction
4.Remove the water tray.		Loosen the screws in the 4 corners and then remove the water tray.
		
5.Remove the fan.		Use a screwdriver to remove the clamping band of motor. Then remove the fan.
6.Remove motor.		Use a screwdriver to unscrew the 4 screws of motor. Then remove the motor.
		

Removal of fan and motor		
Note: Before removing the motor, power must be cut off.		
Step	Picture	Work instruction
7. Replace and install the motor.		<p>Remove the motor from motor support and then replace with a new motor.</p> <p>Tighten the 4 screws of motor with a screwdriver.</p>
8. Install the fan.		<p>Direct the hole of fan to the motor shaft and then mount on the fan.</p> <p>Tighten the clamping band of motor with a wrench.</p>
9. Install the water tray.		<p>Direct the 4 corners of water tray to the 4 corners of the unit and then press them. Use a screwdriver to tighten the screws in the 4 corners.</p> <p>Connect the power cord and water pump wire.</p> <p>Place back the cover of electric box and the clamp of power cord.</p> <p>Then tighten the screws with a screwdriver.</p>

Removal and installation of drain pump		
Step	Picture	Work instruction
1. After removing the front panel as instructed above, loosen the screws of the water tray.		<p>Use a screwdriver to loosen the screws of water tray.</p>