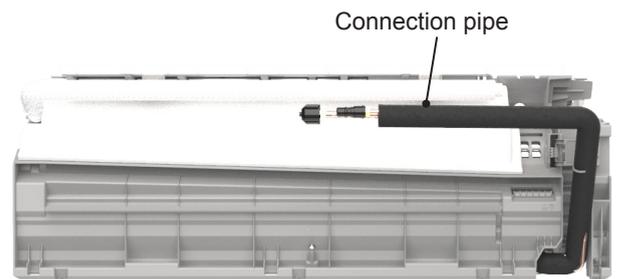
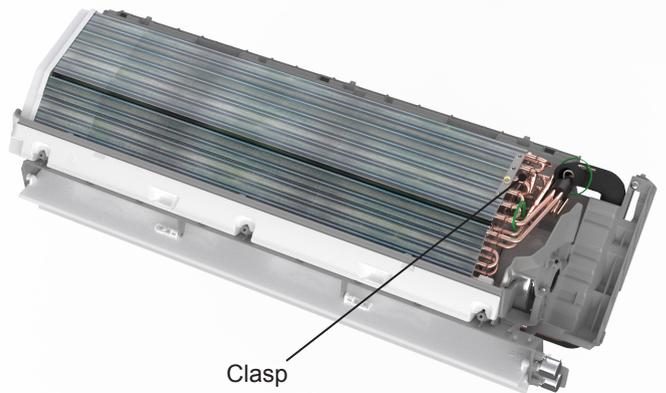
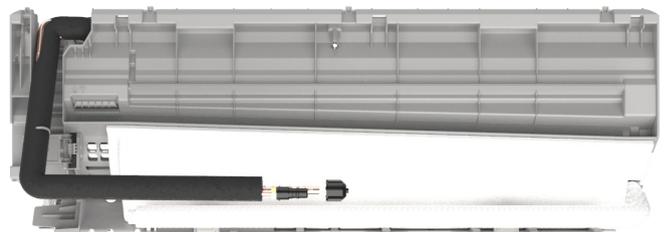


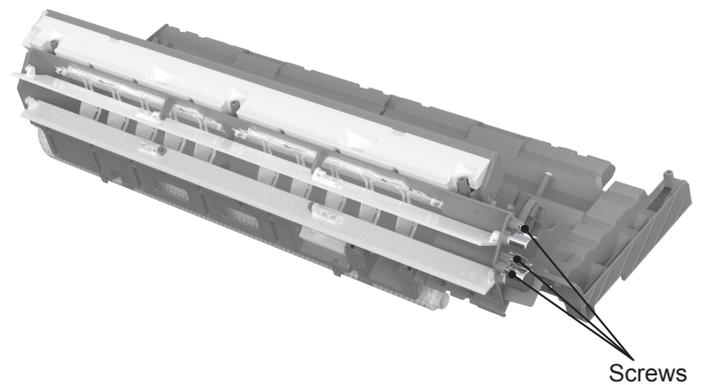
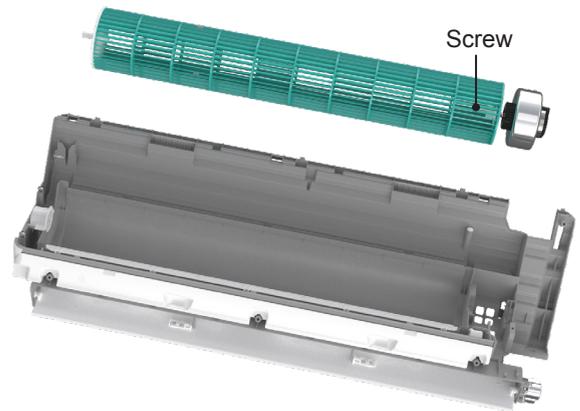
11. Removal Procedure

Step	Procedure
7.Remove panel	
a	Remove 3 screws fixing evaporator assy.
b	At the back of the unit, Loosen the clasp of the connection pipe clamp and then remove the connection pipe clamp.
c	First remove the left side of evaporator from the groove of bottom shell and then remove the right side from the clasp on the bottom shell.
d	Adjust the position of connection pipe on evaporator slightly and then lift the evaporator upwards to remove it.



11. Removal Procedure

Step	Procedure
8. Remove motor and cross flow fan	
a	Remove 3 screws fixing motor clamp and then remove the motor clamp.
b	Loose the screws (2-3 circles) used for fixing the cross flow fan, pull right to pull out the motor.
9. Remove swing motor	
	Screw off the screws that are locking the swing motor and take the motor off.



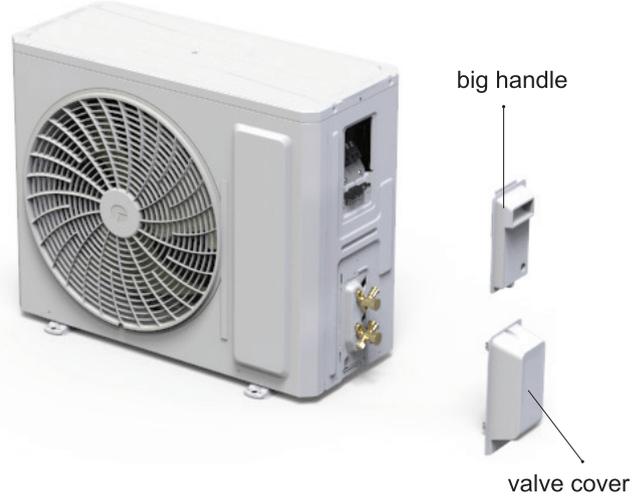
11.2 Removal Procedure of Outdoor Unit

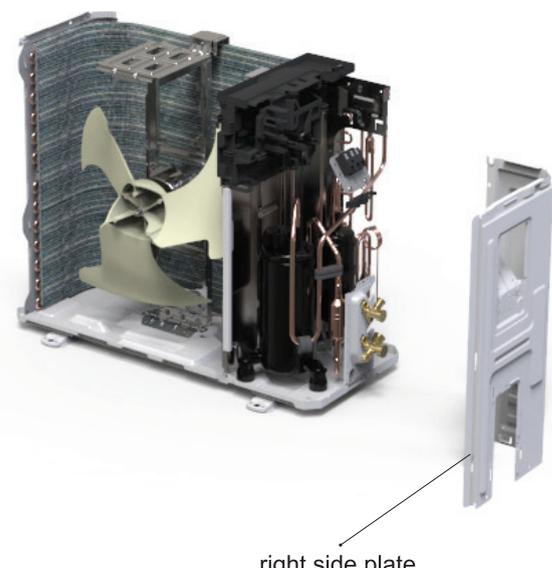
7/9K

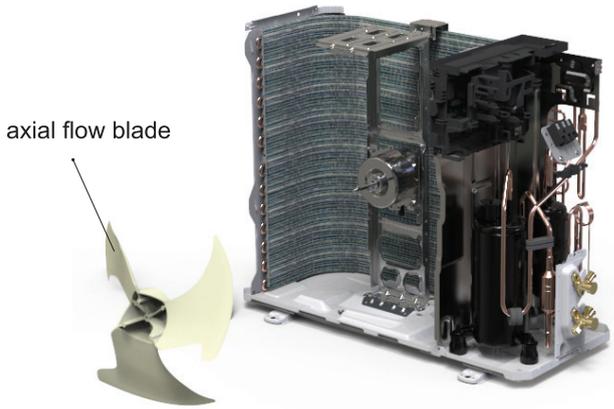
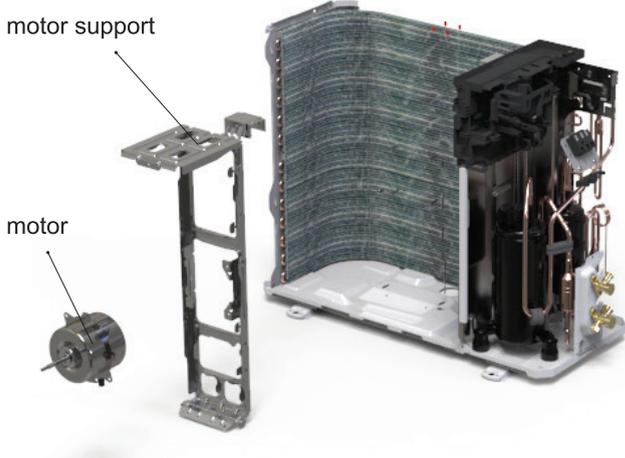
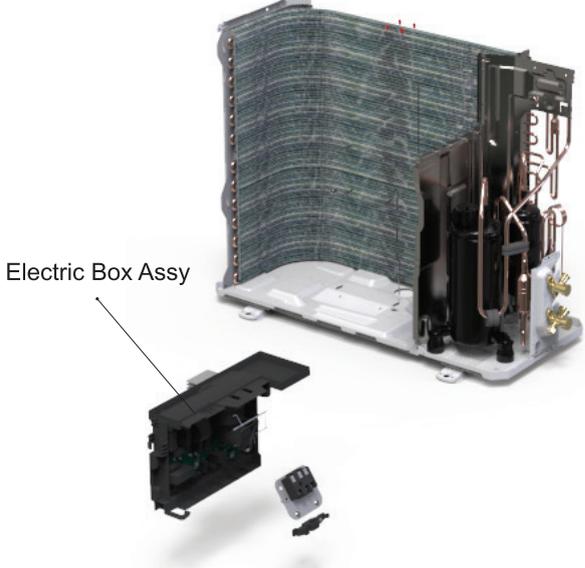
NOTE: Take 7K for example.

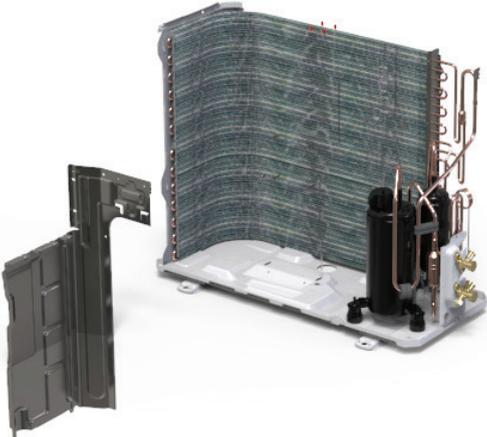
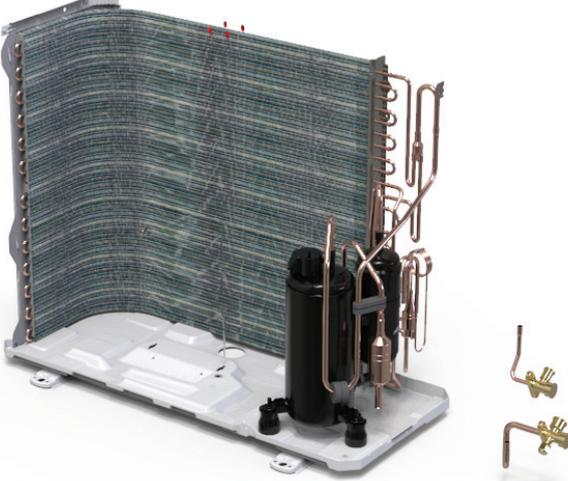


Caution: discharge the refrigerant completely before removal.

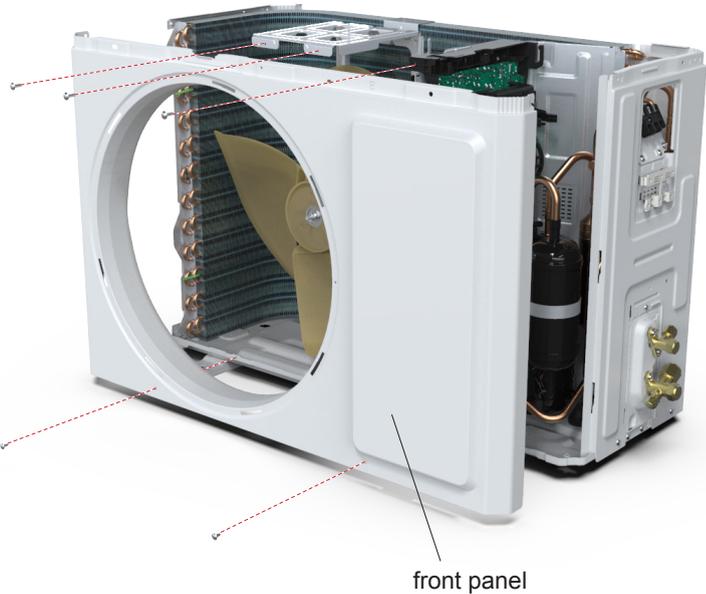
Step	Procedure
<p>1. Before disassembly</p>	
<p>2. Remove big handle and valve cover</p>	<p>Remove the connection screw fixing the big handle and then remove the valve cover.</p> 
<p>3. Remove top cover</p>	<p>Remove connection screws connecting the top panel with the front panel and the right side plate, and then remove the top panel.</p> 

Step	Procedure
<p>4. Remove grille</p>	<p>Remove connection screws between the front grille and the front panel. Then remove the grille.</p> 
<p>5. Remove front panel</p>	<p>Remove connection screws connecting the front panel with the chassis and the motor support and then remove the front panel.</p> 
<p>6. Remove right side plate</p>	<p>Remove connection screws connecting the right side plate with the valve support and the electric box. Then remove the right side plate.</p> 

Step	Procedure
<p>7. Remove axial flow blade</p>	<p>Remove the nut on the blade and then remove the axial flow blade.</p>  <p>axial flow blade</p>
<p>8. Remove motor and motor support</p>	<p>Remove the tapping screws fixing the motor and disconnect the leading wire insert of the motor. Then remove the motor. Remove the tapping screws fixing the motor support and lift the motor support to remove it.</p>  <p>motor support</p> <p>motor</p>
<p>9. Remove Electric Box Assy</p>	<p>Remove screws fixing the electric box subassembly; loosen the wire bundle and unplug the wiring terminals. Then lift the electric box to remove it.</p>  <p>Electric Box Assy</p>

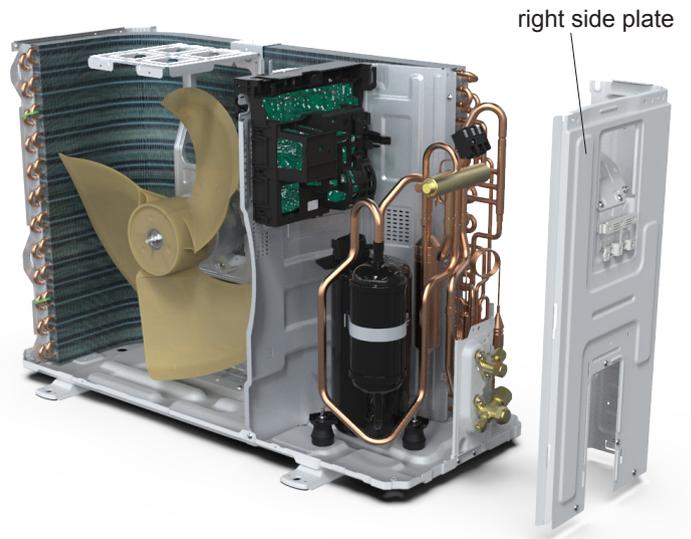
Step	Procedure
10. Remove isolation sheet	
	<p>Remove the screws fixing the isolation sheet and then remove the isolation sheet.</p> 
11. Remove compressor	
a	<p>Unsolder the welding joint connecting the capillary, valves and the outlet pipe of condenser to remove the capillary. Do not block the capillary with welding slag during unsoldering.</p>
b	<p>Remove the 2 screws fixing the gas valve and unsolder the welding joint between the gas valve and the air-return pipe to remove the gas valve. (NOTE: Discharge the refrigerant completely before unsoldering; when unsoldering, wrap the gas valve with a wet cloth completely to avoid damage to the valve caused by high temperature). Remove the 2 screws fixing the liquid valve and unsolder the welding joint connecting the liquid valve to the Y-type pipe to remove the liquid valve.</p> 
c	<p>Unsolder pipes connecting with compressor.</p> 
d	<p>Remove the 3 foot nuts on the compressor and then remove the compressor.</p>

Step	Procedure	Procedure
1. Before disassembly		
2. Remove valve cover	<p>Remove the connection screw and then remove the valve cover.</p>	
3. Remove big handle	<p>Remove the connection screw and then remove the big handle.</p>	

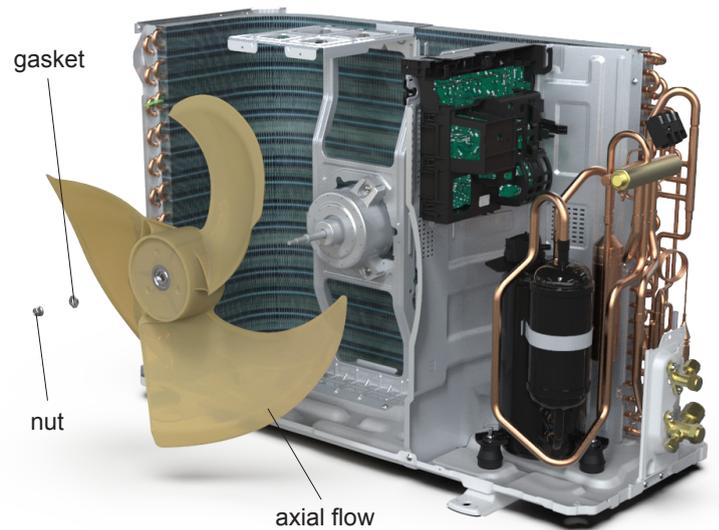
Step	Procedure
<p>4. Remove top cover</p> <p>Remove connection screws connecting the top panel with the front panel and the right side plate, and then remove the top panel.</p>	 <p>top cover</p>
<p>5. Remove grille</p> <p>Remove connection screws between the front grille and the front panel. Then remove the grille.</p>	 <p>grille</p>
<p>6. Remove front panel</p> <p>Remove connection screws connecting the front panel with the chassis and the motor support and then remove the front panel.</p>	 <p>front panel</p>

Step**Procedure****7. Remove right side plate**

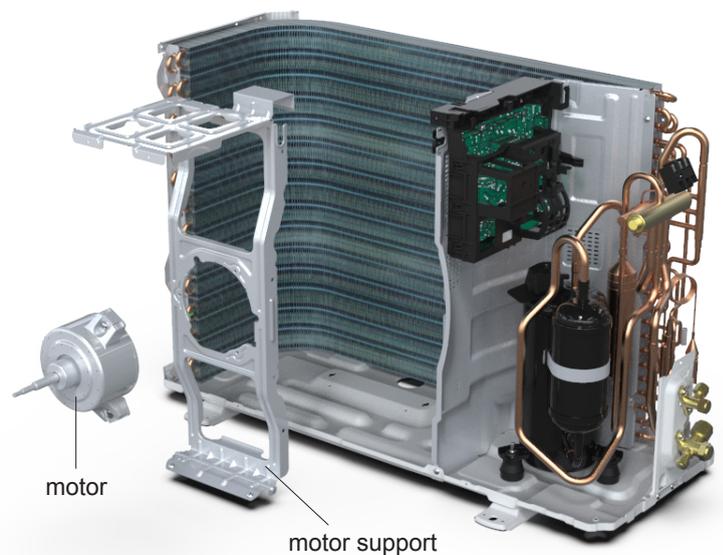
Remove connection screws connecting the right side plate with the valve support and the electric box. Then remove the right side plate.

**8. Remove the nut and gasket on the blade and then remove the axial flow blade**

Remove the nut and gasket on the blade and then remove the axial flow blade.

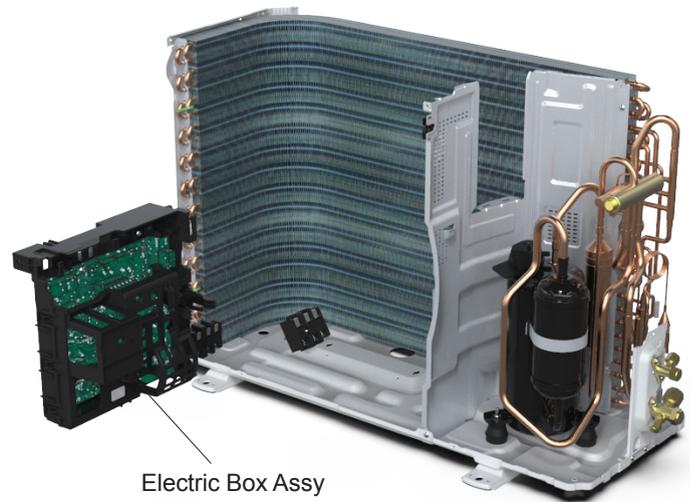
**9. Remove motor and motor support**

Remove the tapping screws fixing the motor and disconnect the leading wire insert of the motor. Then remove the motor.
Remove the tapping screws fixing the motor support and lift the motor support to remove it.



Step**Procedure****10. Remove Electric Box Assy**

Remove screws fixing the electric box subassembly; loosen the wire bundle and unplug the wiring terminals. Then lift the electric box to remove it.

**11. Remove isolation sheet**

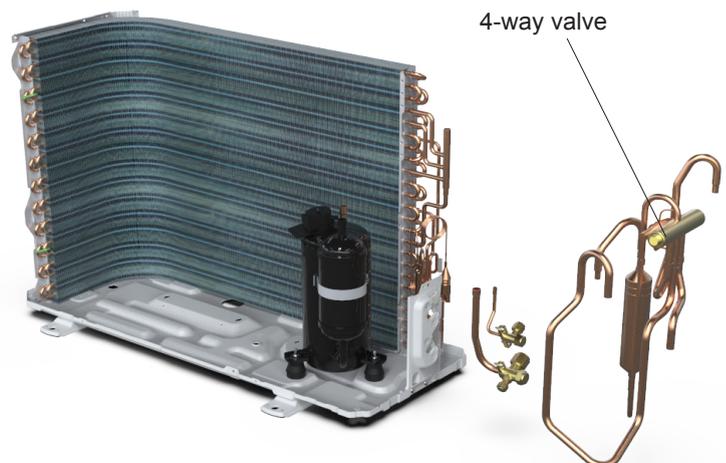
Remove the screws fixing the isolation sheet and then remove the isolation sheet.

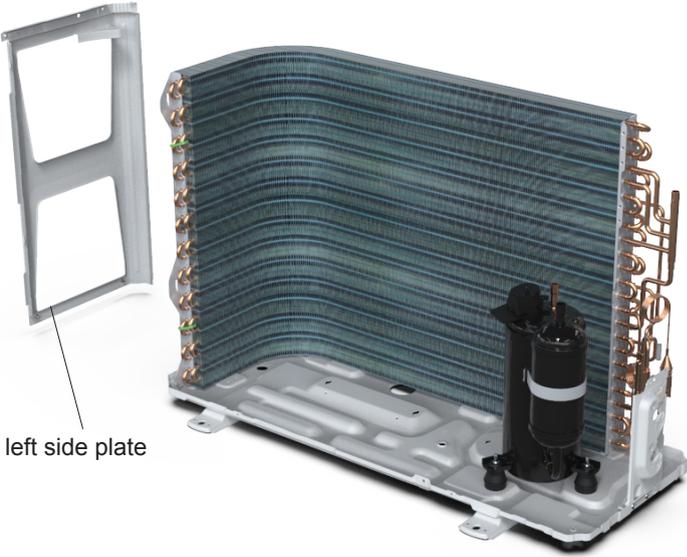
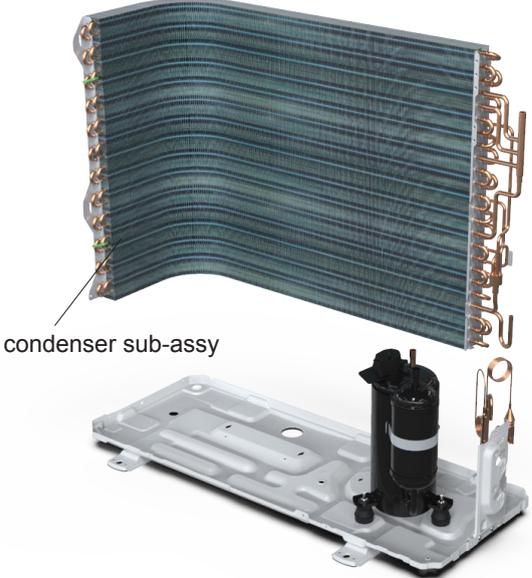
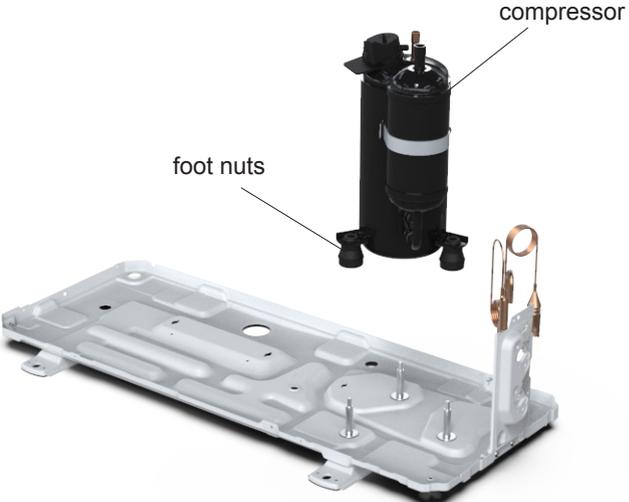
**12. Remove 4-way valve assy and cut-off valve**

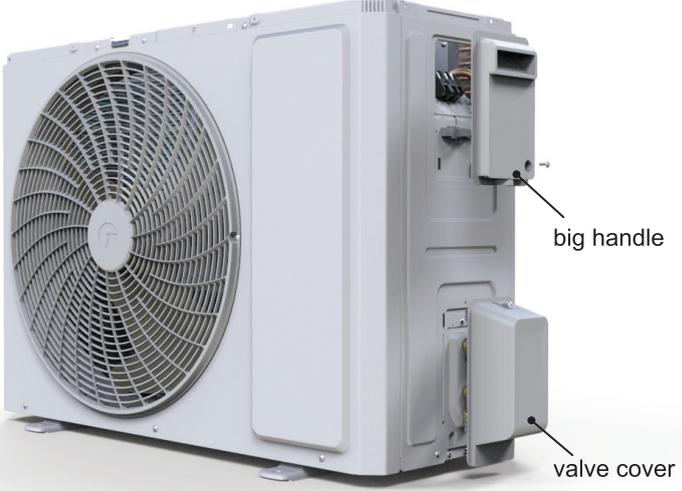
Unsolder the welding joints connecting the 4-way valve assy and cut-off valve, remove the 4-way valve and cut-off valve.

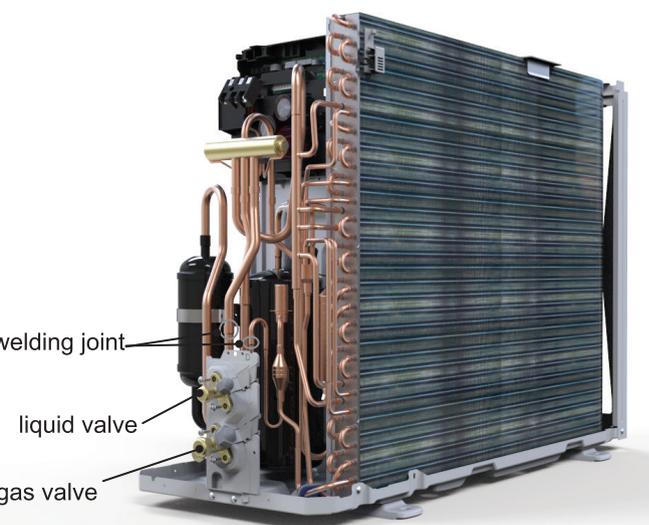
Note:

Before unsoldering the welding joint, wrap the 4-way valve with a wet cloth completely to avoid damage to the valve caused by high temperature.



Step	Procedure
<p>13. Remove left side plate</p>	<p>Remove the screws fixing the left side plate and then remove the left side plate.</p> 
<p>14. Remove condenser sub-assy</p>	<p>Remove the screws fixing the Remove condenser sub-assy and then remove the Remove condenser sub-assy.</p> 
<p>15. Remove compressor</p>	<p>Remove the 3 foot nuts on the compressor and then remove the compressor.</p> 

Step	Procedure
<p>1. Before disassembly</p>	
<p>2. Remove top cover</p>	<p>Remove the screws fixing top panel and then remove the top panel.</p> 
<p>3. Remove big handle and valve cover</p>	<p>Remove the screws fixing big handle, valve cover and then remove them.</p> 

Step	Procedure
<p>4. Remove front panel assy</p>	<p>Remove connection screws connecting the front panel assy with the chassis and the motor support, and then remove the front panel assy.</p> 
<p>5. Remove right side plate assy</p>	<p>Rescrew the ground screws, remove the ground wires, loosen the screws fixing terminal board, remove the terminal board, rescrew the screws fixing the right plate, and remove the right side plate assy.</p> 
<p>6. Remove gas valve and liquid valve</p>	<p>Remove the valve support bolck, remove the screws fixing the gas valve and the liquid valve,unsolder the welding joint connecting the gas valve and the liquid valve, remove them.</p> <p>Note: Discharge the refrigerant completely befor unsoldering; when unsoldering, wrap the gas valve with a wet cloth completely to avoid damage to the valve caused by high temperature.</p> 

Step	Procedure
<p>7. Remove valve support</p> <p>Remove the screws fixing valve support, then remove the valve support.</p>	 <p>valve support</p>
<p>8. Remove electronic expansion valve</p> <p>Remove the terminals of the electronic expansion valve coil and rotate to remove the electronic expansion valve coil. Unsolder the welding joint connecting the electronic expansion Valve and then remove the electronic expansion valve.</p>	 <p>electric expansion valve sub-Assy</p> <p>welding joint</p>
<p>9. Remove electric box assy</p> <p>Remove the terminals, lift up and rotate the electrical box assy to the right so that the snaps on the clapboard are removed and the electrical box assy are removed.</p>	