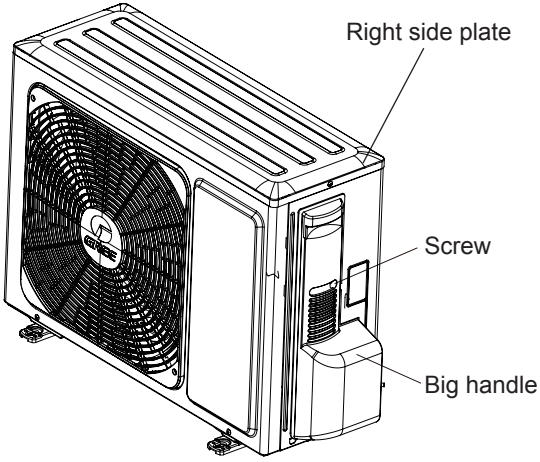
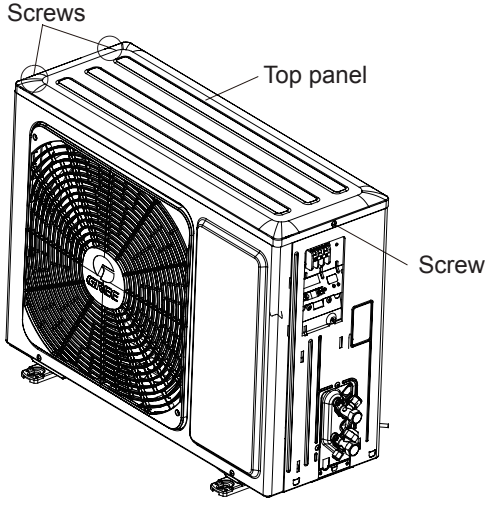
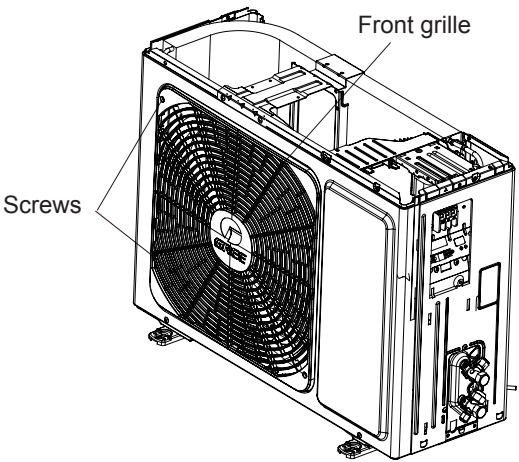
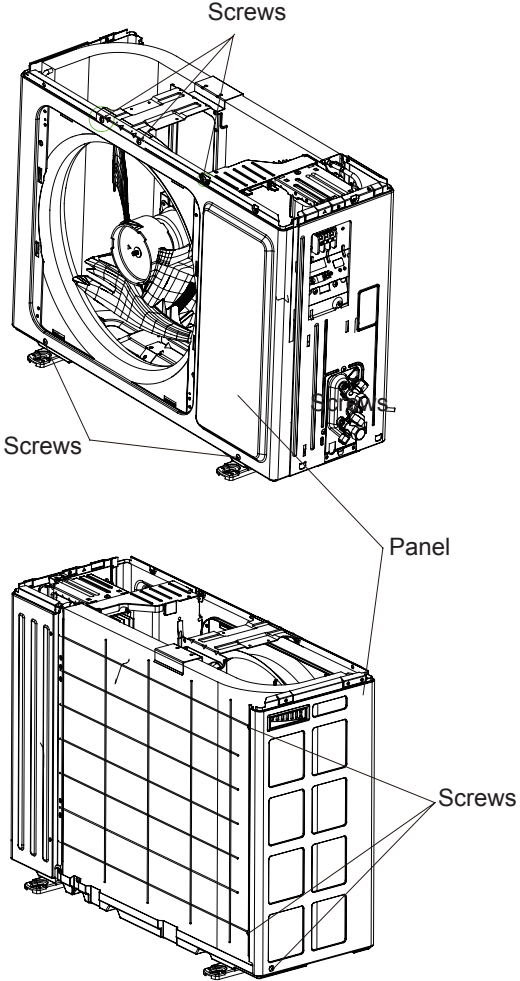
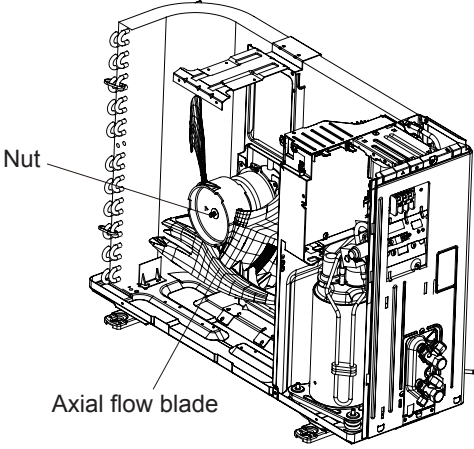
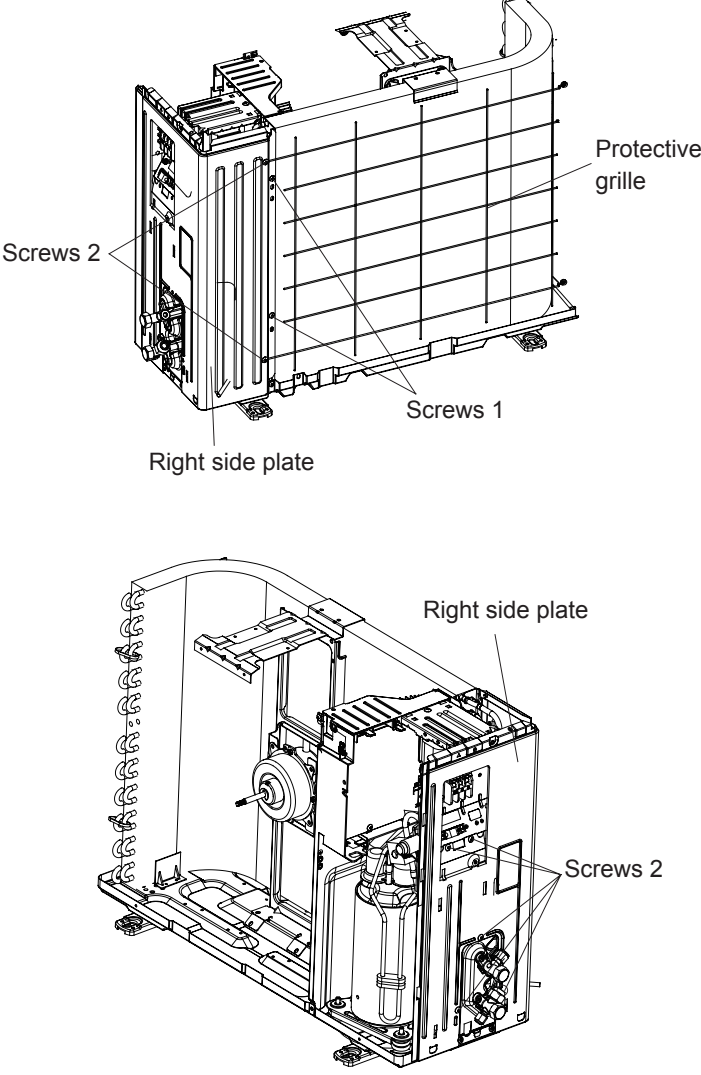
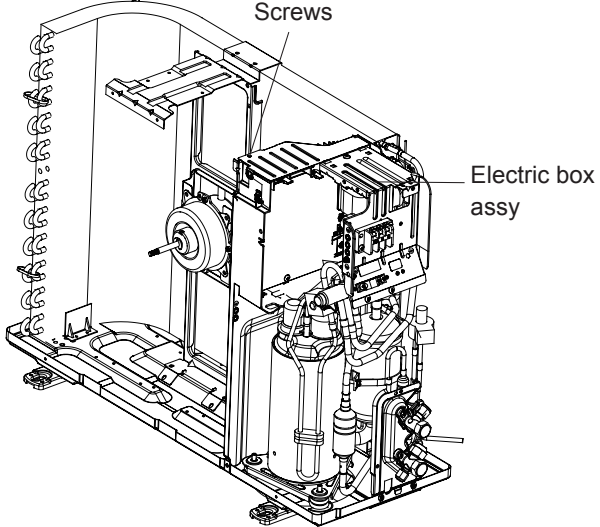


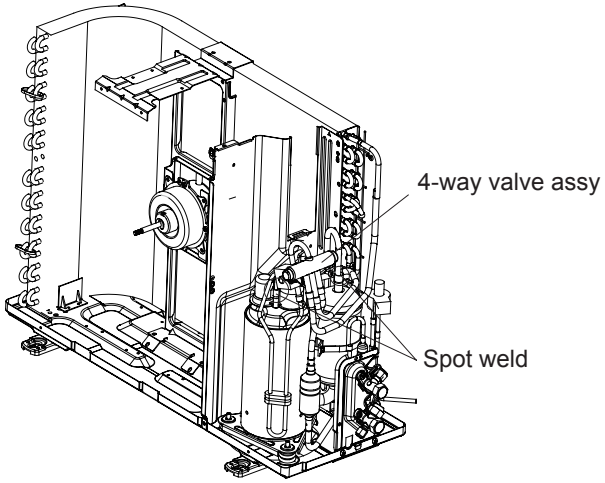
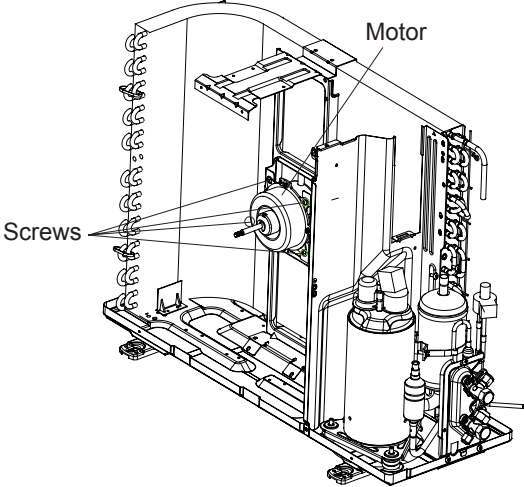
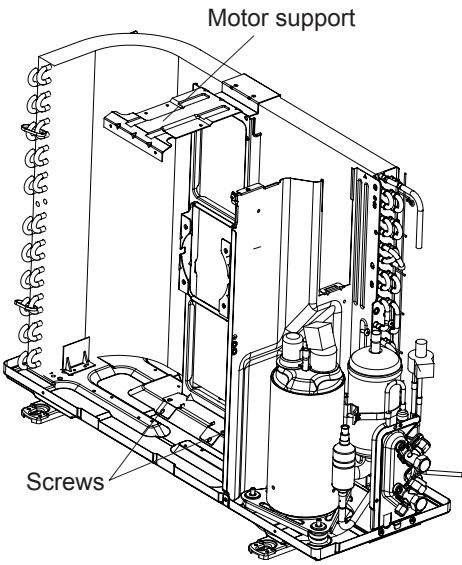
## 11.2 Removal Procedure of Outdoor Unit

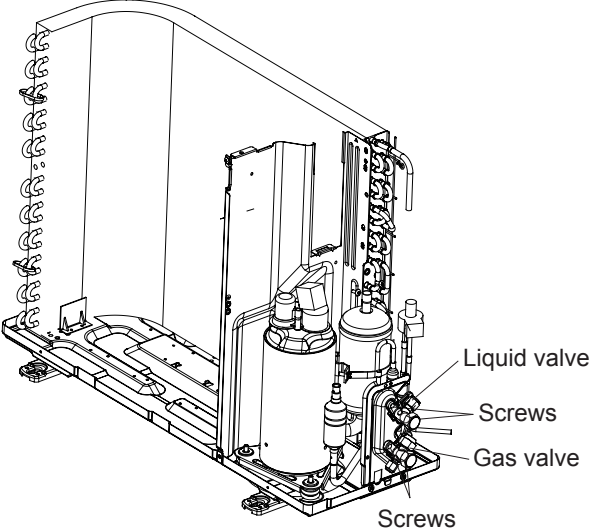
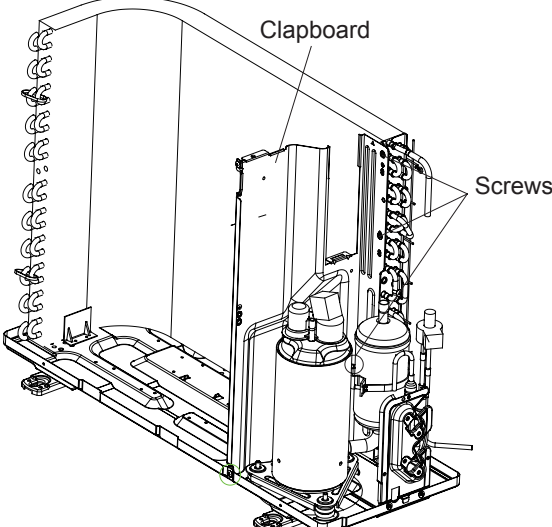
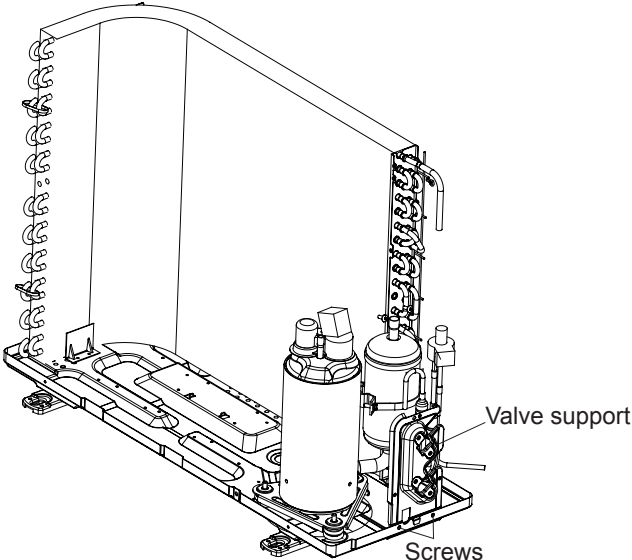
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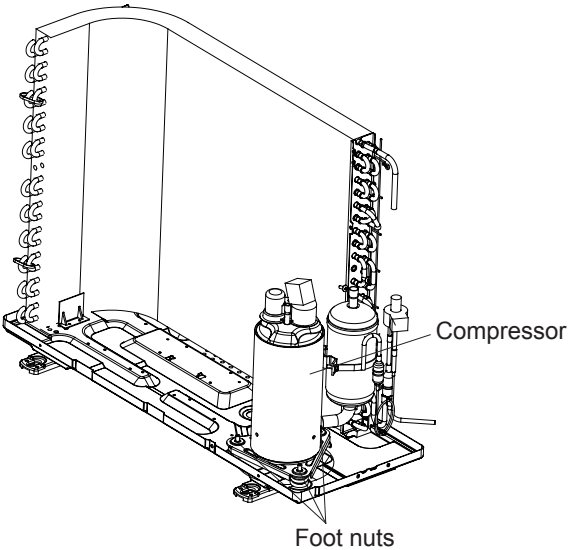
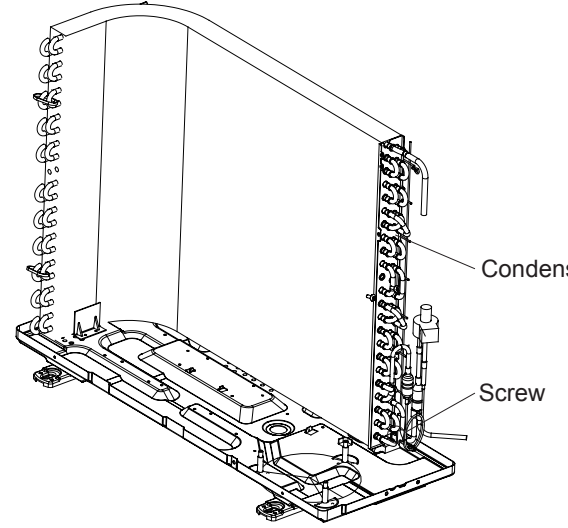
Steps	Procedure
<p>1. Remove big handle</p>	<p>Remove the screw fixing big handle; slide out the big handle upwards to make the clasp of big handle separate from the groove of right side plate, and then remove the big handle.</p> 
<p>2. Remove top panel</p>	<p>Remove the screws fixing top panel and then remove the top panel.</p> 
<p>3. Remove front grille</p>	<p>Remove connection screws between the front grille and the front panel. Then remove the front grille.</p> 

Steps	Procedure
<p data-bbox="126 235 365 266">4. Remove front panel</p>	<p data-bbox="235 360 722 425">Remove the screws fixing front panel, and then remove the front panel.</p> 
<p data-bbox="126 1393 414 1423">5. Remove axial flow blade</p>	<p data-bbox="235 1496 722 1561">Remove the nut fixing axial flow blade and then remove the axial flow blade.</p> 

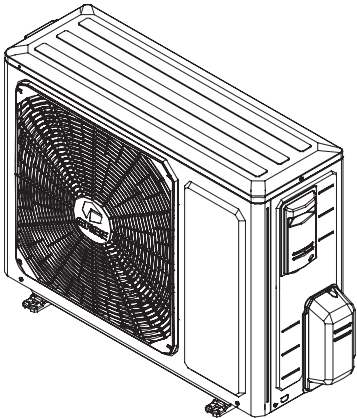
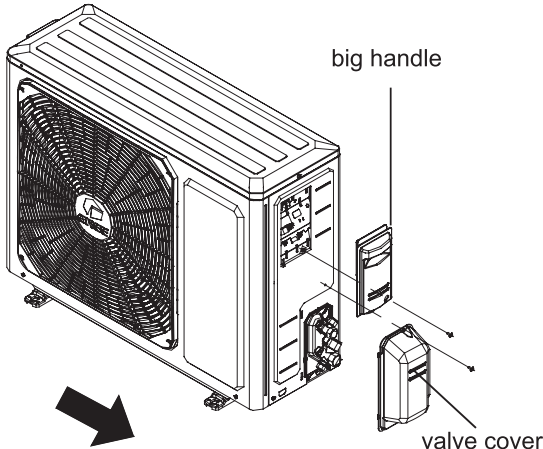
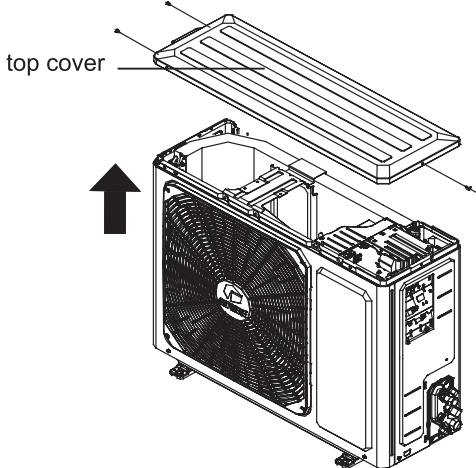
Steps	Procedure
<p data-bbox="134 235 634 264">6. Remove protective grille and right side plate</p> <p data-bbox="240 395 695 482">Remove the screws 1 fixing protective grille and then remove the protective grille.</p> <p data-bbox="240 919 695 978">Remove the screws 2 fixing right side plate and then remove the right side plate.</p>	 <p data-bbox="792 541 894 570">Screws 2</p> <p data-bbox="1385 438 1495 497">Protective grille</p> <p data-bbox="1198 694 1300 722">Screws 1</p> <p data-bbox="938 744 1105 773">Right side plate</p> <p data-bbox="1214 897 1382 926">Right side plate</p> <p data-bbox="1360 1153 1463 1181">Screws 2</p>
<p data-bbox="134 1437 440 1465">7. Remove electric box assy</p>	<p data-bbox="240 1552 695 1640">Remove the screws fixing electric box assy ; pull out each wiring terminal; lift the electric box assy upwards to remove it.</p> <p data-bbox="240 1683 695 1793">Note: When pulling out the wiring terminal, pay attention to loose the clasp and don't pull it so hard.</p>  <p data-bbox="1138 1465 1224 1493">Screws</p> <p data-bbox="1360 1624 1490 1683">Electric box assy</p>

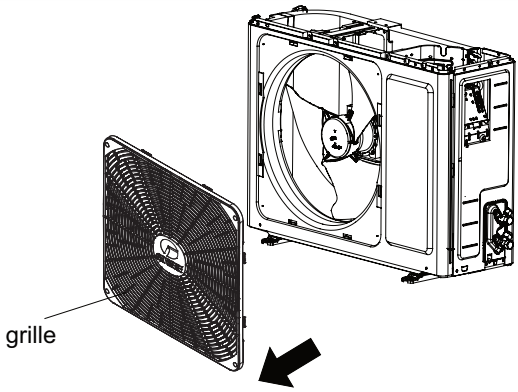
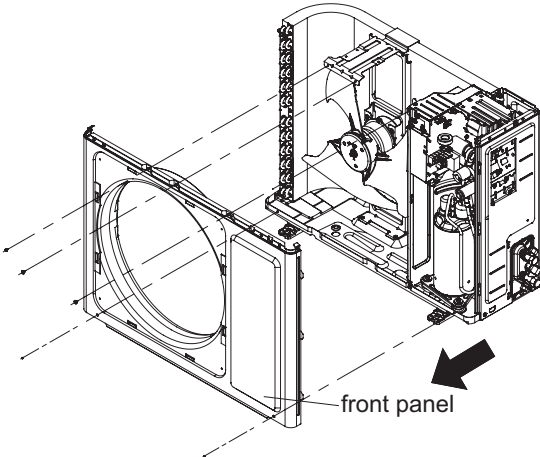
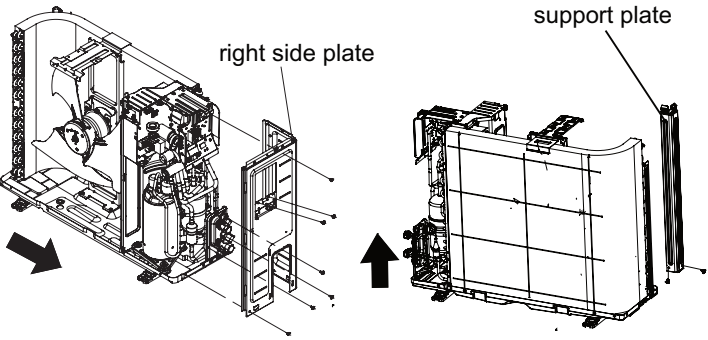
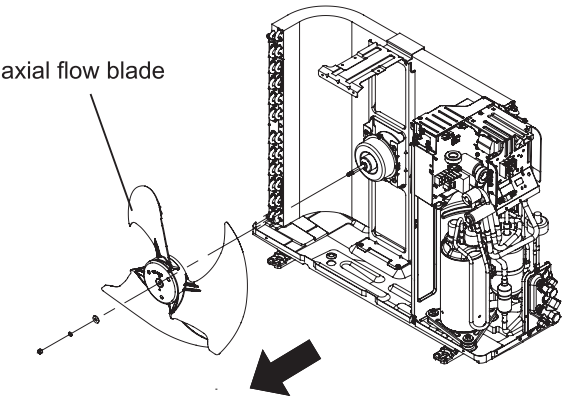
Steps	Procedure
<p>8. Remove 4-way valve assy</p>	<p>Unsolder the spot weld of 4-way valve assy, compressor and condenser, and then remove the 4-way valve assy .</p> <p>Note: When unsoldering the spot weld, wrap the 4-way valve with wet cloth completely to avoid damaging the valve due to high temperature.</p> 
<p>9. Remove motor</p>	<p>Remove the screws fixing motor and then remove the motor.</p> 
<p>10. Remove motor support</p>	<p>Remove the screws fixing motor support and then remove the motor support.</p> 

Steps	Procedure
<p>11. Remove gas valve and liquid valve</p>	<p>Remove two screws fixing the gas valve, then remove the gas valve.</p> <p>Remove two screws fixing the liquid valve, then remove the liquid valve.</p> 
<p>12. Remove clapboard</p>	<p>Remove the screws fixing clapboard and then remove the clapboard.</p> 
<p>13. Remove valve support</p>	<p>Remove the screws fixing valve support and then remove the valve support.</p> 

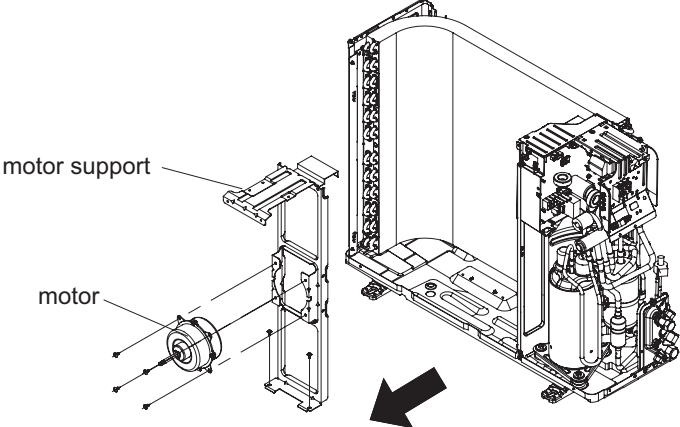
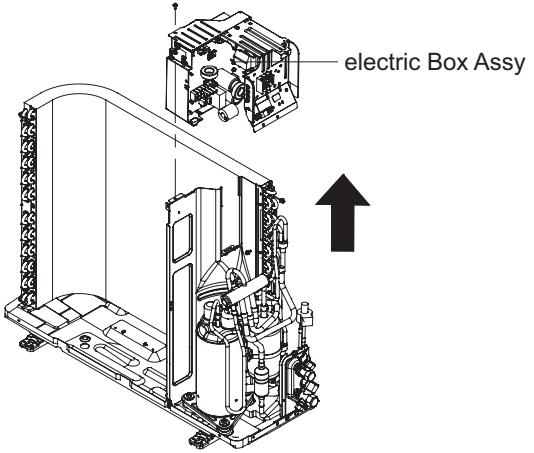
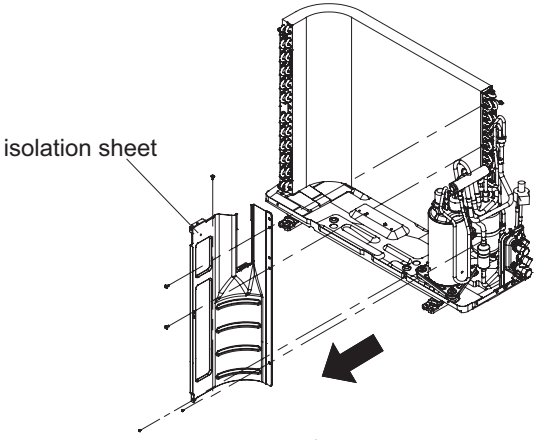
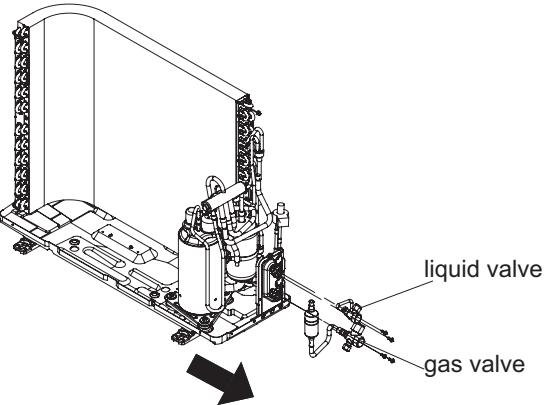
Steps	Procedure
<p>14. Remove compressor</p>	<p>Remove 3 foot nuts on compressor, and then remove the compressor.</p> <p>Note: Protect the ports of discharge pipe and suction pipe to avoid foreign objects to enter it.</p> 
<p>15. Remove condenser</p>	<p>Remove one screw fixing the condenser, then remove the condenser.</p> 

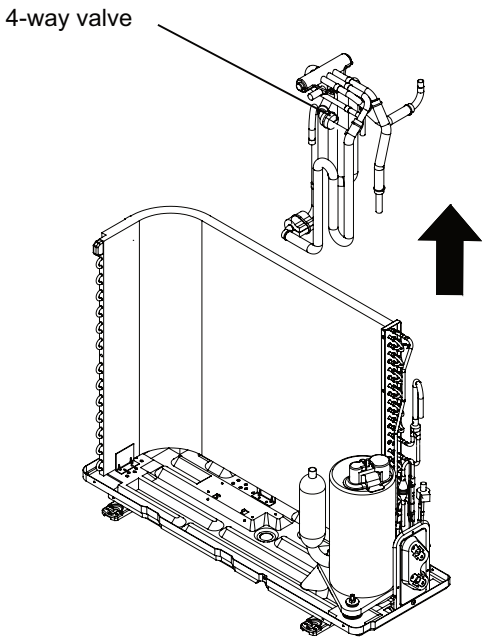
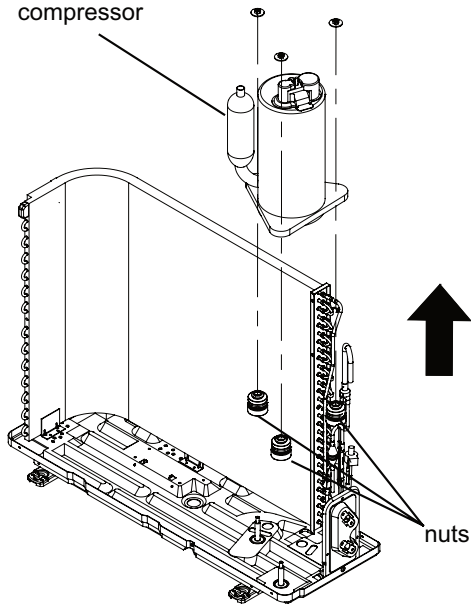
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Steps	Procedure
<p><b>1. Before disassembly</b></p>	 <p>A technical line drawing of the outdoor unit of an air conditioner, showing the condenser coils, fan, and service panel on the right side.</p>
<p><b>2. Remove big handle and valve cover</b></p>	<p>Remove the connection screw fixing the big handle and then remove the valve cover.</p>  <p>This diagram shows the outdoor unit with the 'big handle' and 'valve cover' being removed. A downward-pointing arrow indicates the removal direction. Labels 'big handle' and 'valve cover' are connected to the respective parts by thin lines.</p>
<p><b>3. Remove top cover</b></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>This diagram shows the 'top cover' being lifted away from the outdoor unit. An upward-pointing arrow indicates the removal direction. A label 'top cover' is connected to the top panel by a thin line.</p>

Step	Procedure
<p><b>4. Remove grille</b></p>	<p>Remove connection screws between the front grille and the front panel. Then remove the grille.</p> 
<p><b>5. Remove front panel</b></p>	<p>Remove connection screws connecting the front panel with the chassis and the motor support and then remove the front panel.</p> 
<p><b>6. Remove right side plate and support plate</b></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> <p>Remove the two screws fixing the support plate and chassis, and then remove the support plate.</p> 
<p><b>7. Remove axial flow blade</b></p>	<p>Remove the nut on the blade and then remove the axial flow blade.</p> 



Step	Procedure	Procedure
<p><b>8. Remove motor and motor support</b></p>	<p>Remove the tapping screws fixing the motor and disconnect the leading wire insert of the motor. Then remove the motor.</p> <p>Remove the tapping screws fixing the motor support and lift the motor support to remove it.</p>	
<p><b>9. Remove Electric Box Assy</b></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><b>10. Remove isolation sheet</b></p>	<p>Remove the screws fixing the isolation sheet and then remove the isolation sheet.</p>	
<p><b>11. Remove compressor</b></p>	<p>a</p> <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>	

Step	Procedure	
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).</p> <p>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>	