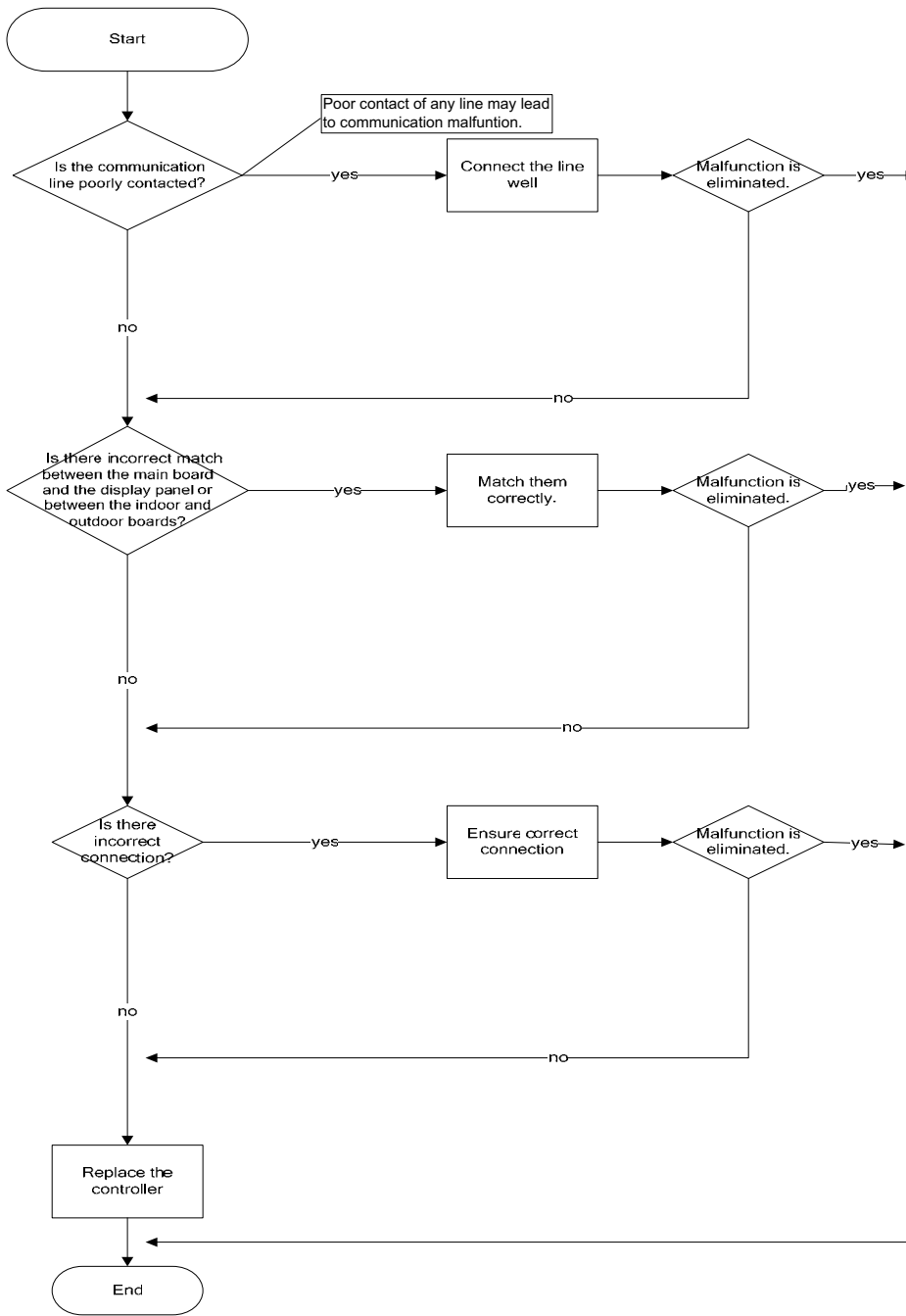


9.4.6 E6 malfunction



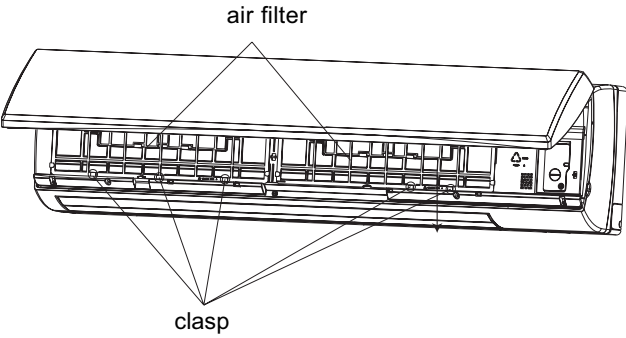
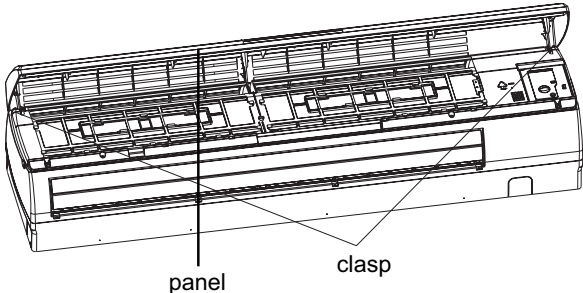
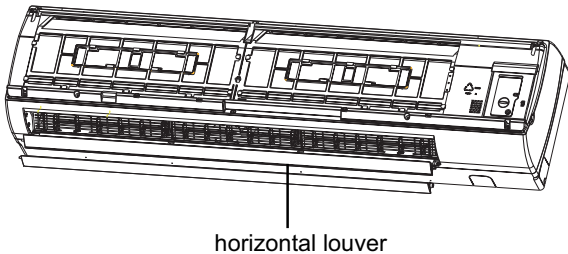
Note: The information above is for reference only.

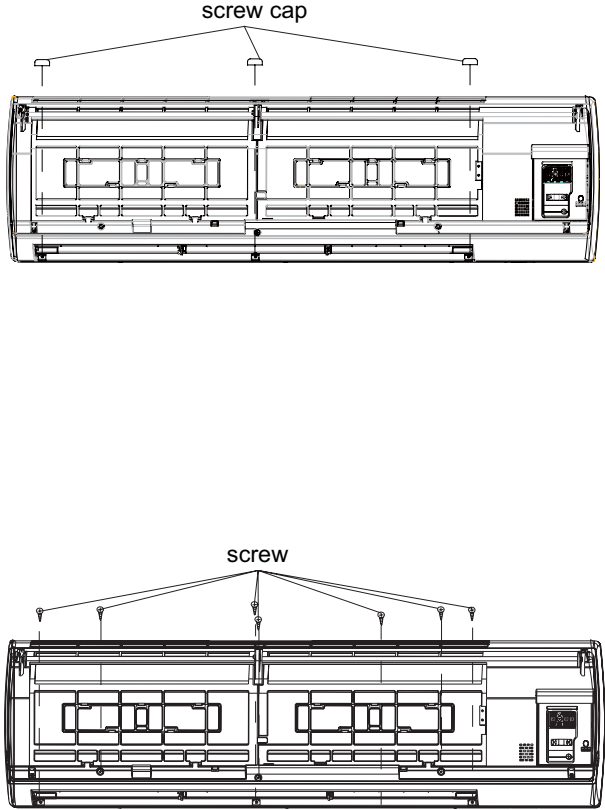
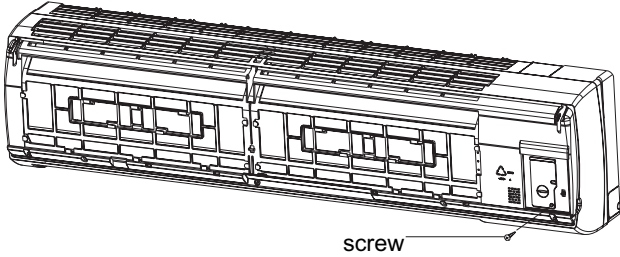
10. Removal Procedure

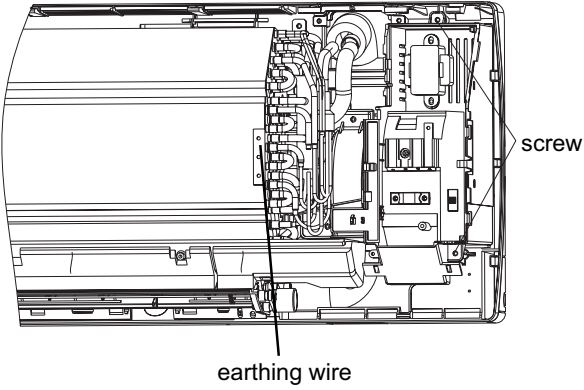
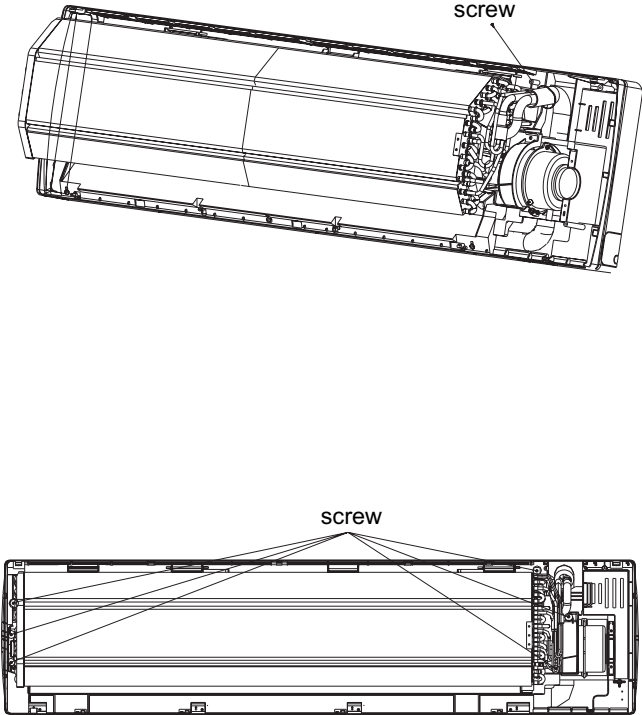
10.1 Removal Procedure of Indoor Unit

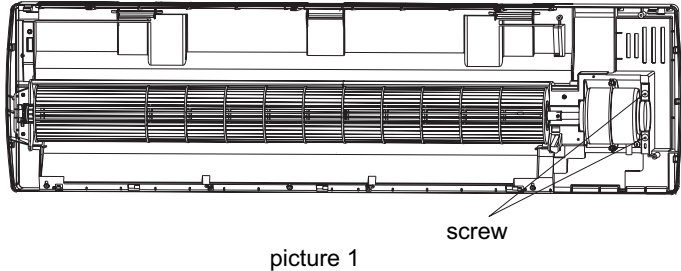
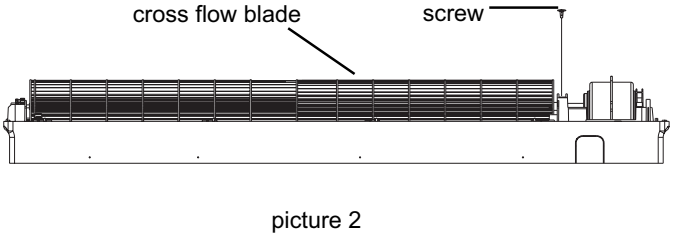
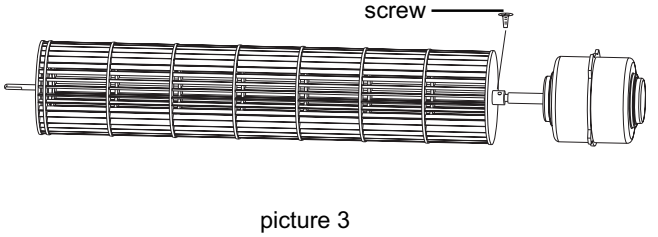


Warning Be sure to wait for a minimum of 10 minutes after turning off all power supplies before disassembly.

Step	Procedure	
1. Remove filter	<ul style="list-style-type: none"> ■ Loosen the clasp; push the filter inwards and then pull the filter outwards as the direction of the arrow to remove the filter. 	
2. Remove panel	<ul style="list-style-type: none"> ■ Open the panel; remove the 2 screws of the displayer; remove the wiring terminal and then loosen the clasps to remove the panel. 	
3. Remove horizontal louver	<ul style="list-style-type: none"> ■ Open the panel; remove the 2 screws of the displayer; remove the wiring terminal; slide the panel rotor shaft along the groove fixing the panel to remove the panel. 	

Step	Procedure
<p>4. Remove front case</p> <ul style="list-style-type: none"> ■ Open the 3 screw cap on the front case; remove the 7 screws fixing the front case and then lift the front case to remove it. 	 <p>The diagrams illustrate the removal of the front case. The top diagram shows three screw caps being removed from the top of the front panel. The bottom diagram shows seven screws being removed from the bottom edge of the front panel.</p>
<p>5. Remove electric box cover</p> <ul style="list-style-type: none"> ■ Remove the screws of the electric box cover; disconnect the temperature sensor and then remove the electric box cover. 	 <p>The diagram shows the electric box cover being removed from the bottom of the unit. A screw is indicated at the bottom right corner of the cover.</p>

Step	Procedure
<p>6. Remove electric box</p> <p>■ Remove the earthing wire on the evaporator; disconnect the indoor motor connection wire on the electric box and then remove the screws fixing the electric box to remove the electric box.</p>	
<p>7. Remove evaporator</p> <p>■ Remove the screws fixing the pipe clamp to remove the pipe clamp; remove the screws on the left side and right side of the evaporator; adjust slightly the pipe to take out the evaporator; remove the side plate clasp of the evaporator from the groove; take out the evaporator carefully; pay attention to protect the connection pipe.</p>	

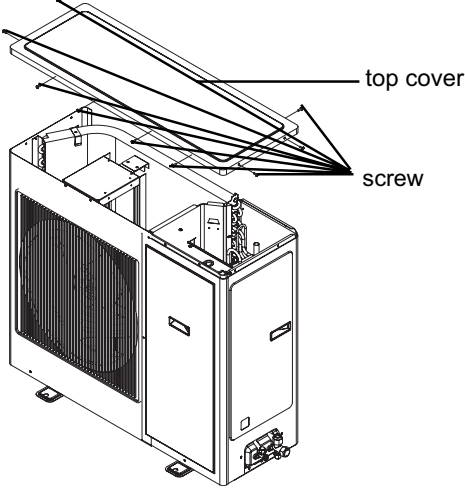
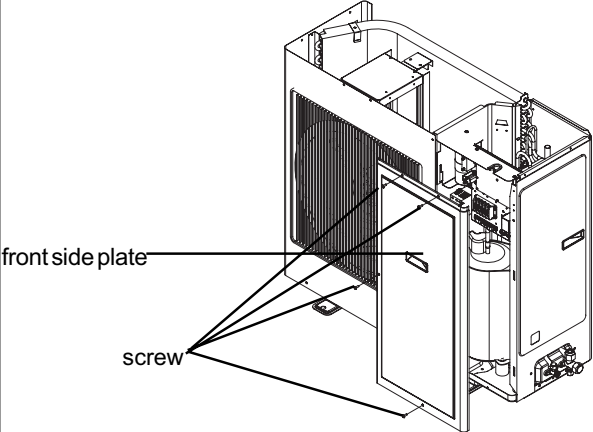
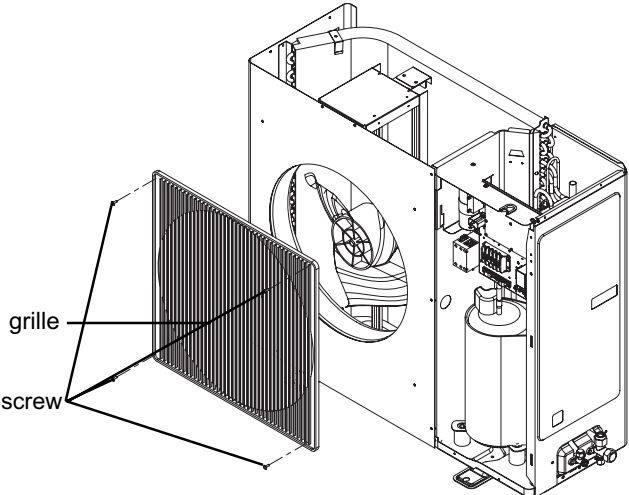
Step	Procedure
8. Remove motor and cross flow blade	<ul style="list-style-type: none"><li data-bbox="177 488 699 801">■ Remove the screws fixing the motor clamp (picture 1); remove the screws fixing the motor and the cross flow blade (picture 2) to remove the cross flow blade and the motor; loosen the screws between the motor and the cross flow blade (picture 3) to separate the cross flow blade and the motor. <div data-bbox="746 459 1430 728"><p>picture 1</p></div> <div data-bbox="746 835 1430 1070"><p>picture 2</p></div> <div data-bbox="770 1171 1430 1406"><p>picture 3</p></div>

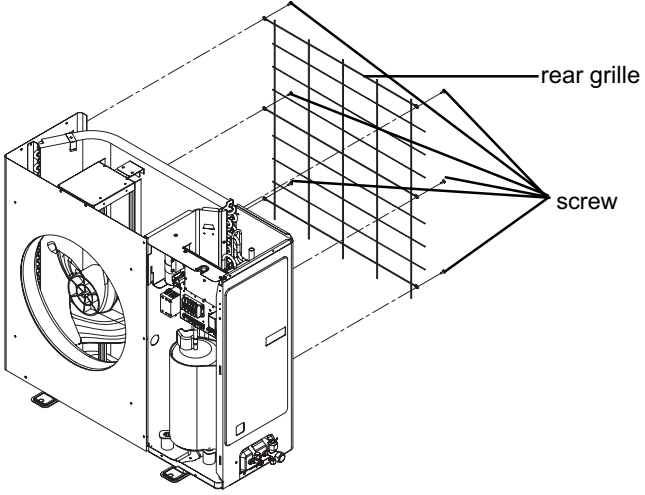
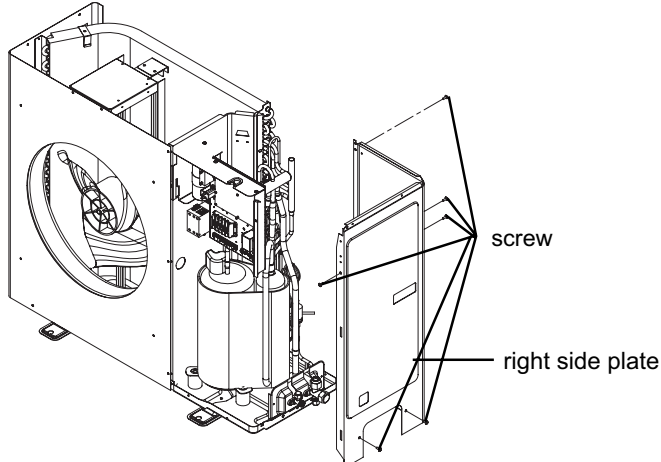
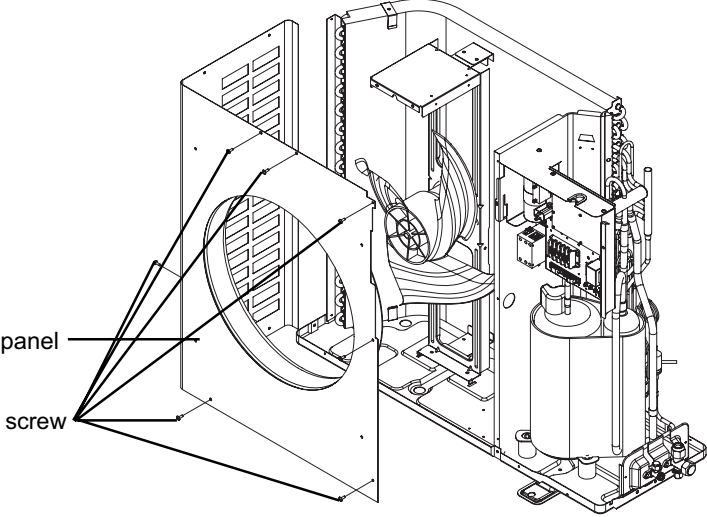
10.2 Removal Procedure of Outdoor Unit

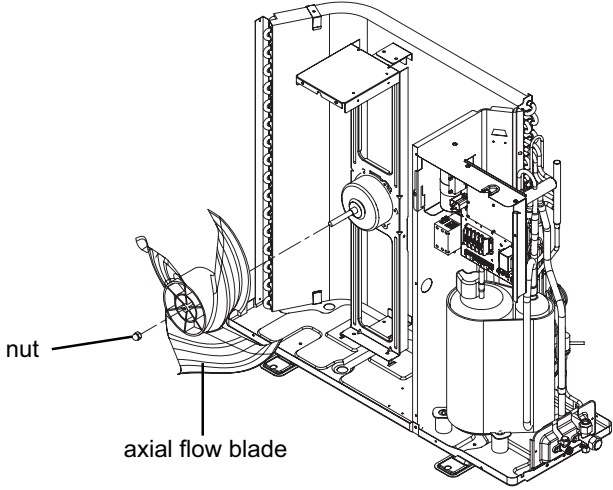
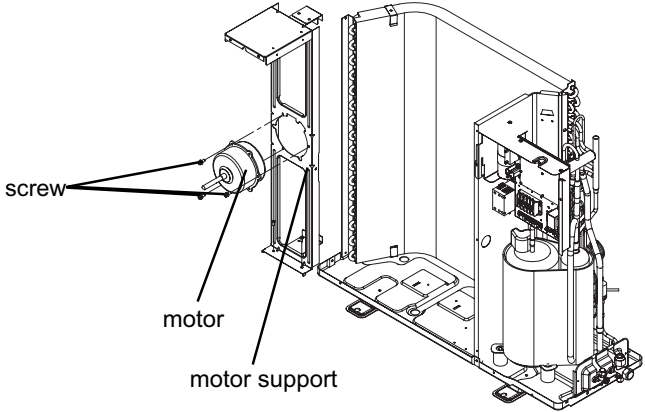
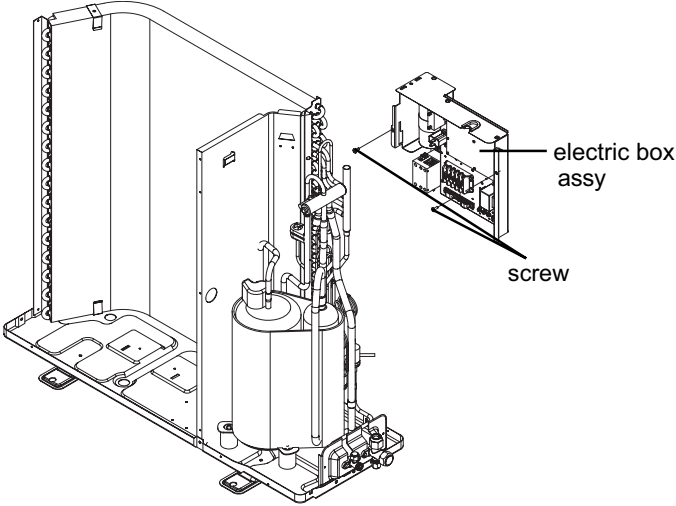


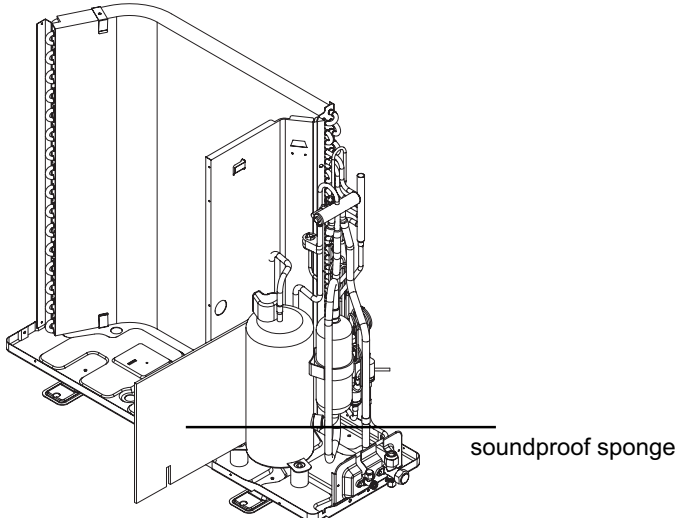
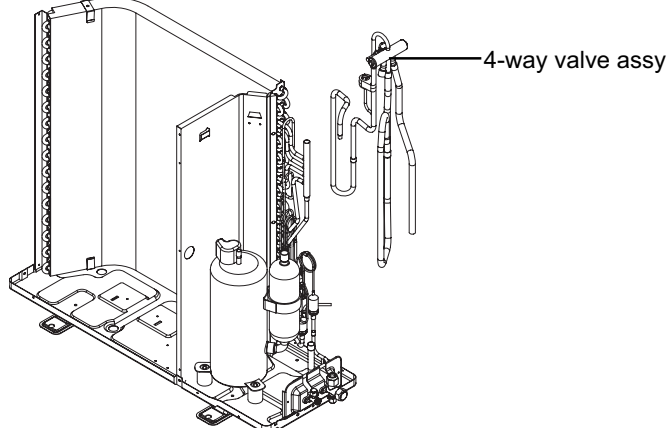
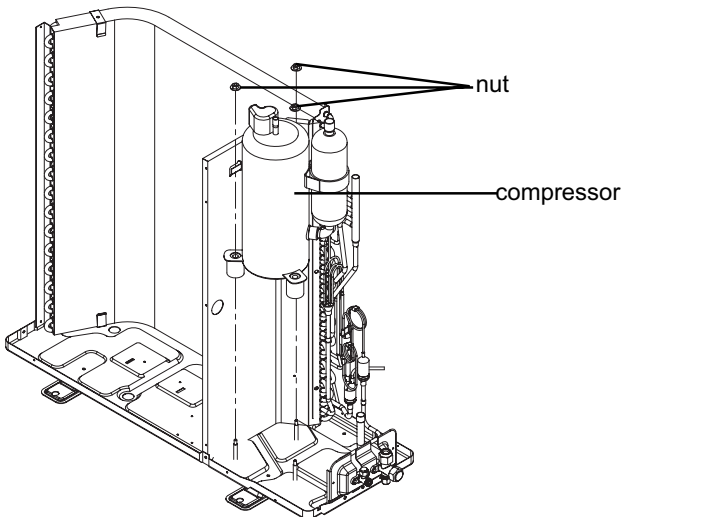
Warning Be sure to wait for a minimum of 10 minutes after turning off all power supplies before disassembly.

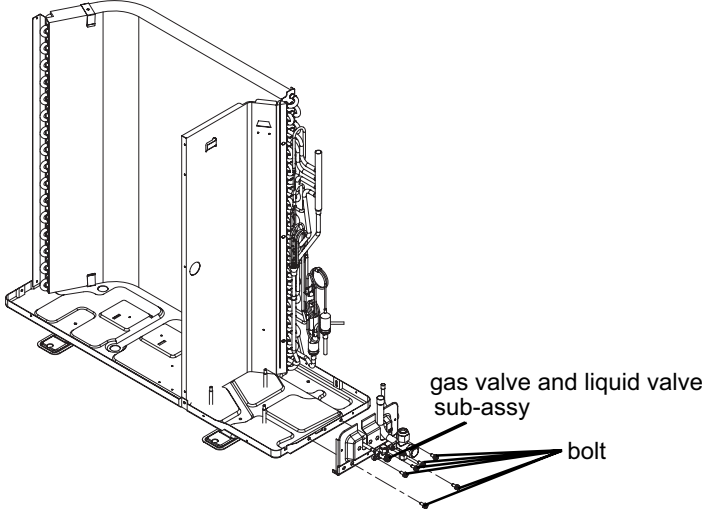
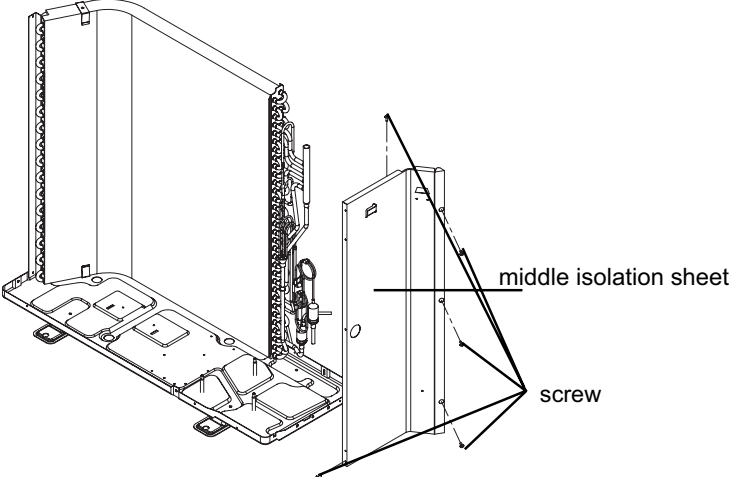
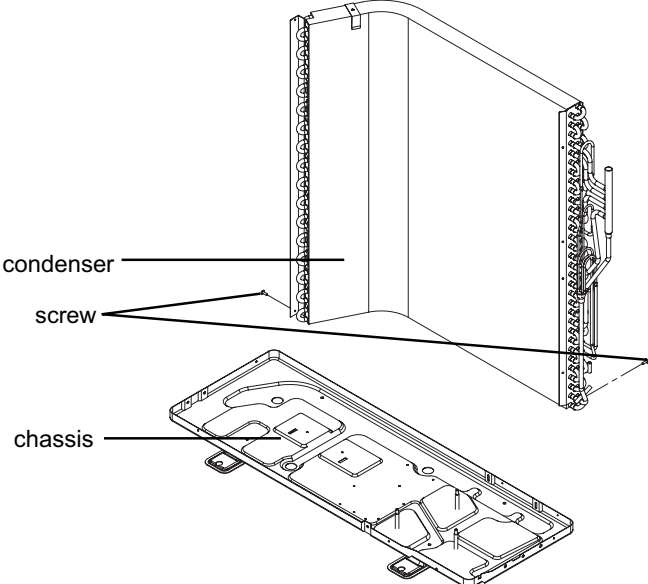
Note: Taking heat pump unit for example.

Step	Procedure	
1. Remove top cover	<ul style="list-style-type: none"> ■ Remove the 9 screws fixing the top cover and then lift the top cover to remove it. 	
2. Remove front side plate	<ul style="list-style-type: none"> ■ Remove the 4 screws fixing the front side plate; loosen the clasp to pull the front side plate outwards and then remove the front side plate. 	
3. Remove grille	<ul style="list-style-type: none"> ■ Remove the 4 screws fixing the grille and loosen the clasp to pull the grille outwards. 	

Step	Procedure
<p>4. Remove rear grille</p>	<p>■ Remove the 6 screws fixing the rear grille and then remove the rear grille.</p> 
<p>5. Remove right side plate</p>	<p>■ Remove the 6 screws fixing the right side plate, lift the right side plate to remove it.</p> 
<p>6. Remove panel</p>	<p>■ Remove the 7 screws fixing the panel; lift the panel upwards and then pull the panel outwards to remove it.</p> 

Step	Procedure
<p>7. Remove axial flow blade</p> <p>■ Remove the nut fixing the blade and then remove the axial flow blade.</p>	 <p>The diagram illustrates the removal of the axial flow blade. A callout shows a nut being removed from the blade assembly. Labels include 'nut' and 'axial flow blade'.</p>
<p>8. Remove motor and motor support</p> <p>■ Remove the 3 screws fixing the motor; disconnect the motor leading wire insert and then remove the motor; remove the 2 screws fixing the motor support, lift the motor support upwards to remove it.</p>	 <p>The diagram illustrates the removal of the motor and motor support. Callouts show screws being removed from the motor and motor support. Labels include 'screw', 'motor', and 'motor support'.</p>
<p>9. Remove electric box assy</p> <p>■ Remove the 2 screws fixing the electric box assy; cut out the wire bundle; disconnection the wiring terminal and then lift the electric box assy upwards to remove it.</p>	 <p>The diagram illustrates the removal of the electric box assembly. Callouts show screws being removed from the electric box assembly. Labels include 'electric box assy' and 'screw'.</p>

Step	Procedure
<p>10. Remove soundproof sponge of compressor</p>	<p>Loosen the buckle of soundproof sponge wrapping the compressor and pull the soundproof sponge outwards to remove it.</p>  <p style="text-align: right;">soundproof sponge</p>
<p>11. Remove 4-way valve assy</p>	<p>Unsolder the pipelines connecting the 4-way valve assy and then remove the 4-way valve assy. (Note: 1. not available for cooling only unit; 2. discharge the refrigerant in the pipelines completely before unsoldering.)</p>  <p style="text-align: right;">4-way valve assy</p>
<p>12. Remove compressor</p>	<p>Remove the 3 nuts fixing the compressor and then remove the compressor.</p>  <p style="text-align: right;">nut compressor</p>

Step	Procedure	
<p>13. Remove gas valve and liquid valve sub-assy</p>	<ul style="list-style-type: none"> ■ Unsolder the welding joint of the capillary and the connection pipe of the liquid valve; remove the 2 bolts fixing the valve support sub-assy; remove the 4 bolts of the gas valve and liquid valve with valve support, and then remove the gas valve and liquid valve sub-assy. 	 <p>gas valve and liquid valve sub-assy</p> <p>bolt</p>
<p>14. Remove middle isolation sheet</p>	<ul style="list-style-type: none"> ■ Remove the 5 screws connecting the isolation sheet with the condenser side plate and chassis, and then remove the middle isolation sheet. 	 <p>middle isolation sheet</p> <p>screw</p>
<p>15. Remove condenser assy</p>	<ul style="list-style-type: none"> ■ Remove the 2 screws fixing the left side plate and right side plate of the condenser, and then lift the condenser assy upwards to remove it. 	 <p>condenser</p> <p>screw</p> <p>chassis</p>



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