

Wall-Mounted Ducted Air Handler-Disassembly Guide

Models Covered:

ACiQ-18W-WM

ACiQ-24W-WM

ACiQ-30W-WM

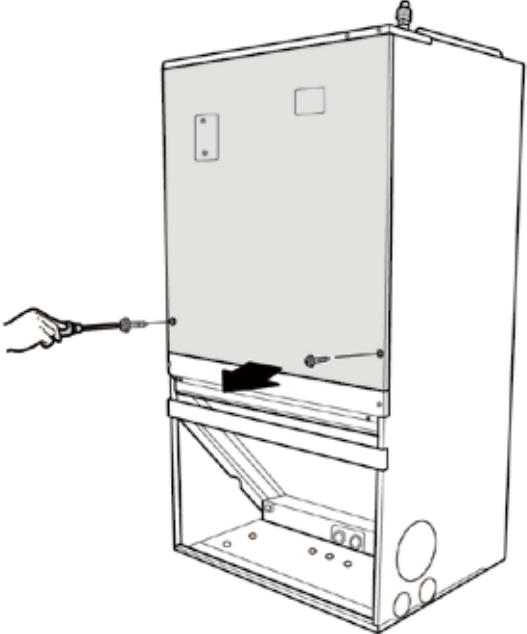
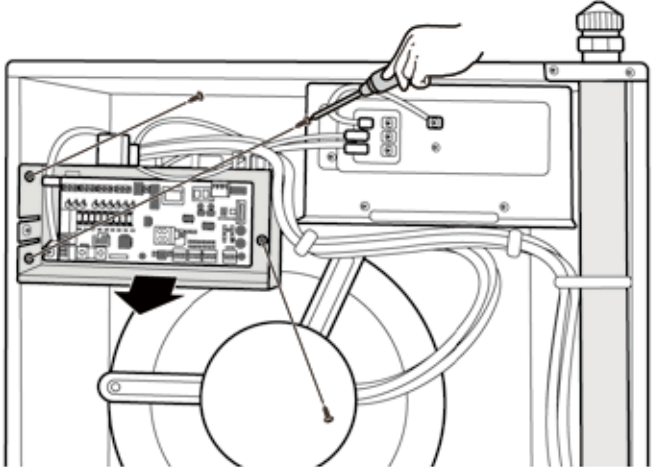
ACiQ-36W-WM

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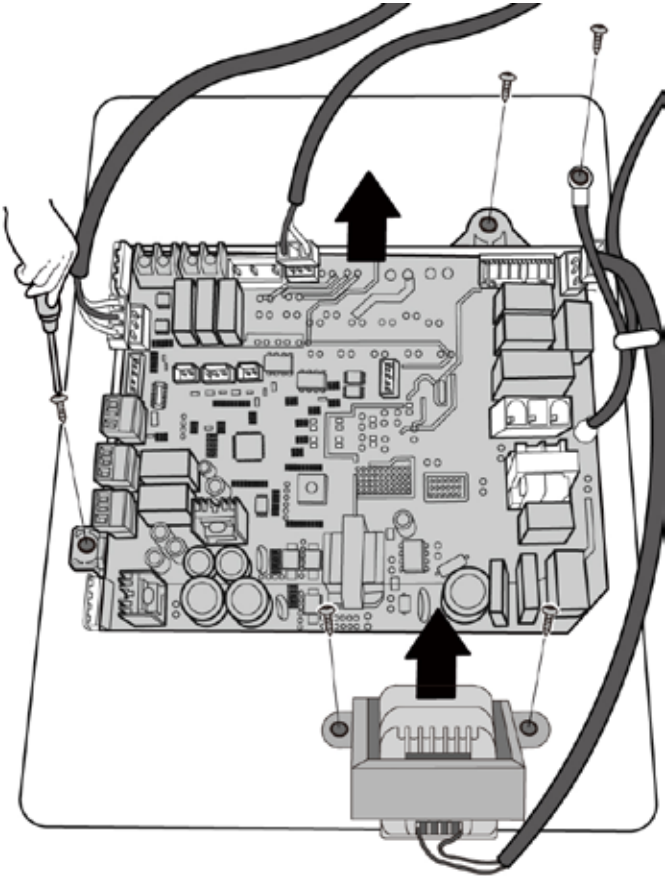
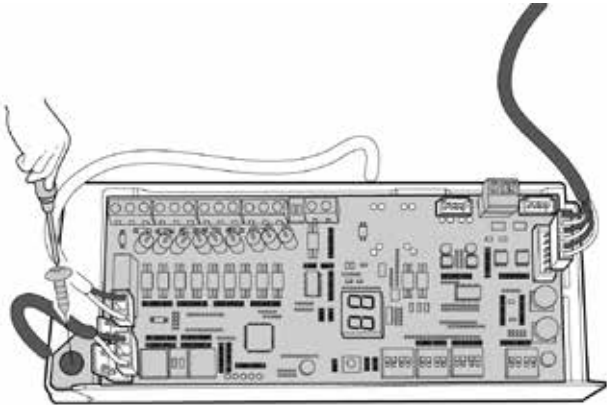
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1. Indoor Unit Disassembly

1.1 Electrical Parts (Antistatic gloves must be worn.)

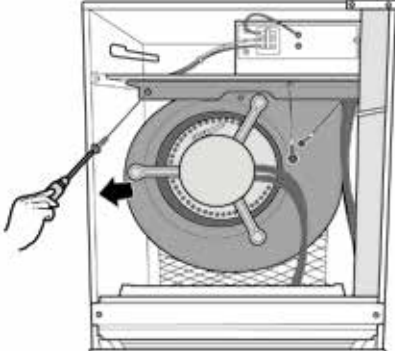
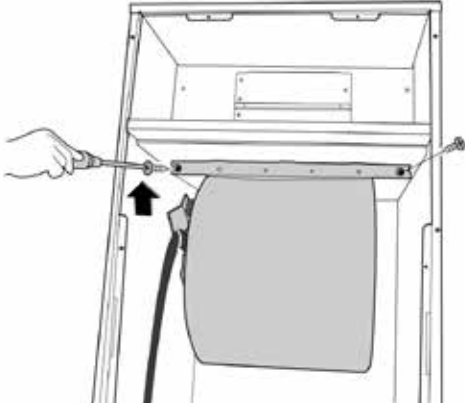
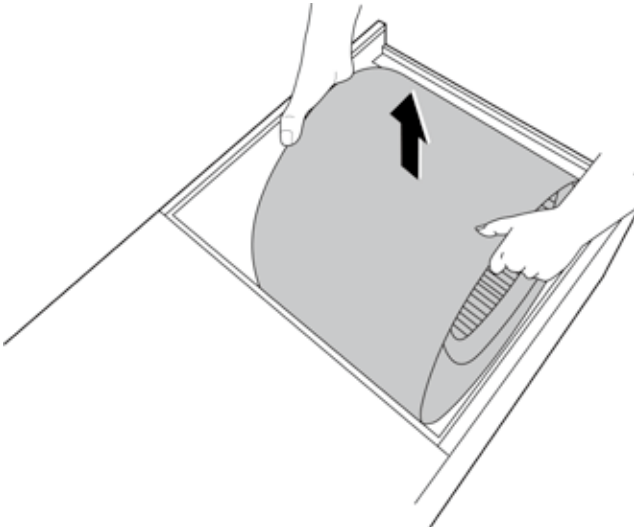
Procedure	Illustration
<p>1) Remove 2 screws of the upper cover Plate assembly and then remove the it. (see CJ_AHU_001)</p>	 <p>CJ_AHU_001</p>
<p>2) Remove 3 screws and pull out the electric control box subassembly.(see CJ_AHU_002)</p>	 <p>CJ_AHU_002</p>

Note: This section is for reference only. Actual unit appearance may vary.

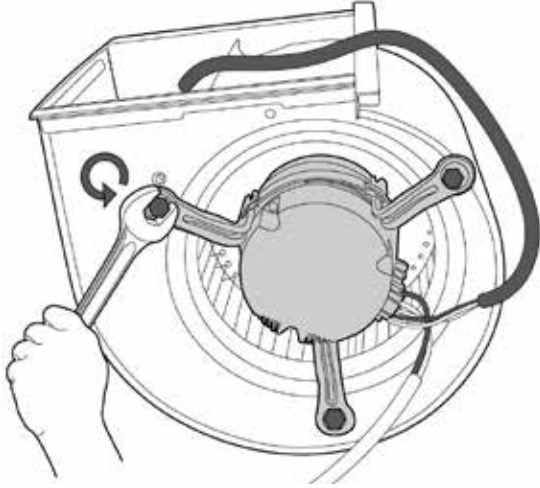
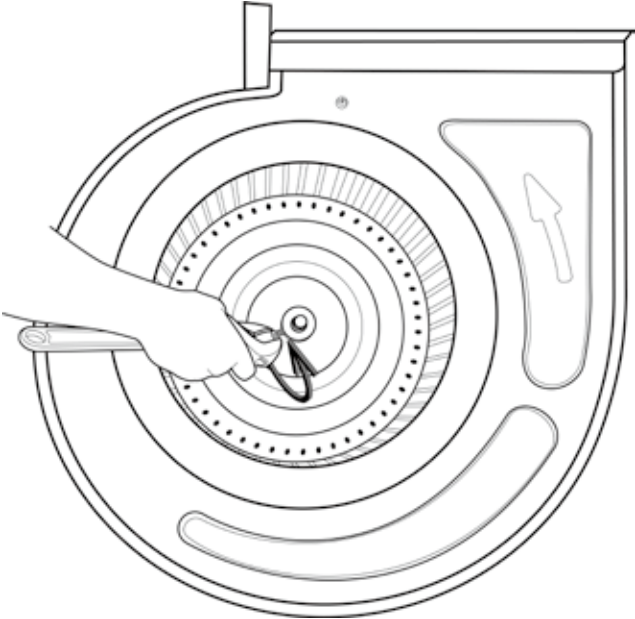
Procedure	Illustration
<p>3) Release 2 fixing screws and 1 earthing screw.(see CJ_AHU_003)</p> <p>4) Unplug the plugs and then remove the main control board subassembly. (see CJ_AHU_003)</p> <p>5) Release 2 screws and then remove the transformer. (see CJ_AHU_003)</p> <p>6) Release 1 fixing screw of the data transfer module control board to remove it. (see CJ_AHU_004)</p>	 <p style="text-align: center;">CJ_AHU_003</p>  <p style="text-align: center;">CJ_AHU_004</p>

Note: This section is for reference only. Actual unit appearance may vary.

1.2 Fan Motor and Fan

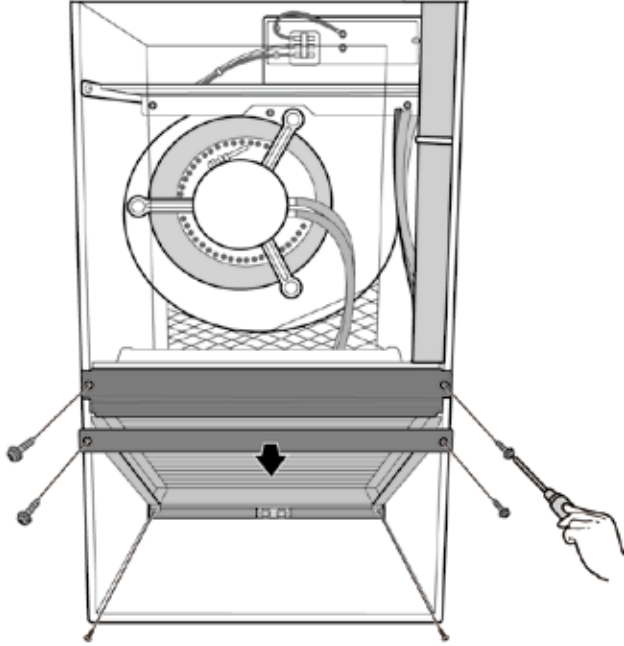
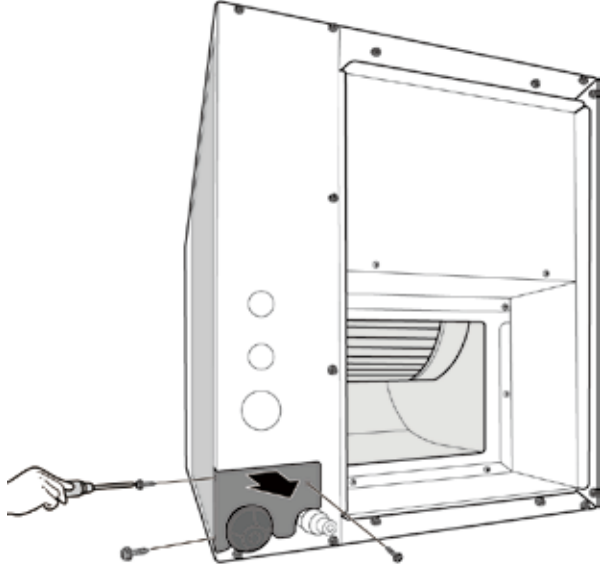
Procedure	Illustration
1) Remove 3 screws(18k/24k models)/2 screws(30k/36k models) of fan assembly (see CJ_AHU_006)	 <p>(18k/24k models)</p>
2) Take out the fan assembly (see CJ_AHU_007)	 <p>(30k/36k models) CJ_AHU_006</p>  <p>CJ_AHU_007</p>

Note: This section is for reference only. Actual unit appearance may vary.

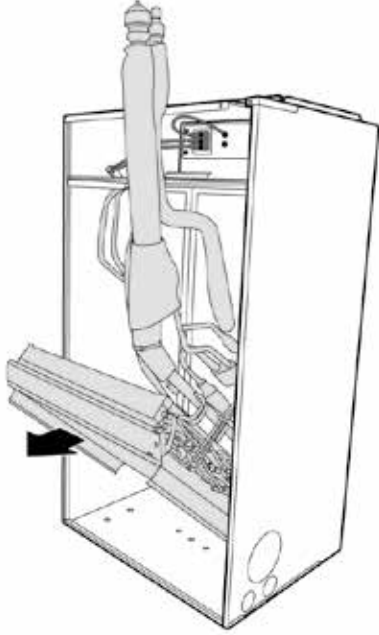
Procedure	Illustration
<p>3) Release 3 nuts fixing the fan motor and then take out the fan motor. (see CJ_AHU_008)</p>	 <p>CJ_AHU_008</p>
<p>4) Release the 1 nut fixing the fan and then take out the fan. (see CJ_AHU_009)</p>	 <p>CJ_AHU_009</p>

Note: This section is for reference only. Actual unit appearance may vary.

1.4 Evaporator

Procedure	Illustration
<p>1) Remove 2 screws of supporter bar (see CJ_AHU_010)</p> <p>2) Remove 2 screws of connecting board assembly. (see CJ_AHU_010)</p> <p>3) Remove 2 screws connecting the bracket and water collector. (see CJ_AHU_010)</p>	 <p>The diagram shows a front view of the indoor unit's evaporator section. A hand is using a screwdriver to remove screws from a horizontal bar and a connecting board. A downward-pointing arrow indicates the direction of removal for the water collector assembly.</p> <p style="text-align: center;">CJ_AHU_010</p>
<p>4) Remove 3 screws of cover plate assembly(below) (see CJ_AHU_011)</p>	 <p>The diagram shows a side view of the indoor unit's cover plate assembly. A hand is using a screwdriver to remove screws from the bottom edge of the cover plate. A downward-pointing arrow indicates the direction of removal for the cover plate.</p> <p style="text-align: center;">CJ_AHU_011</p>

Note: This section is for reference only. Actual unit appearance may vary.

Procedure	Illustration
<p>5) Take out the evaporator. (see CJ_AHU_012)</p>	 <p data-bbox="943 1088 1110 1122">CJ_AHU_012</p>

Note: This section is for reference only. Actual unit appearance may vary.