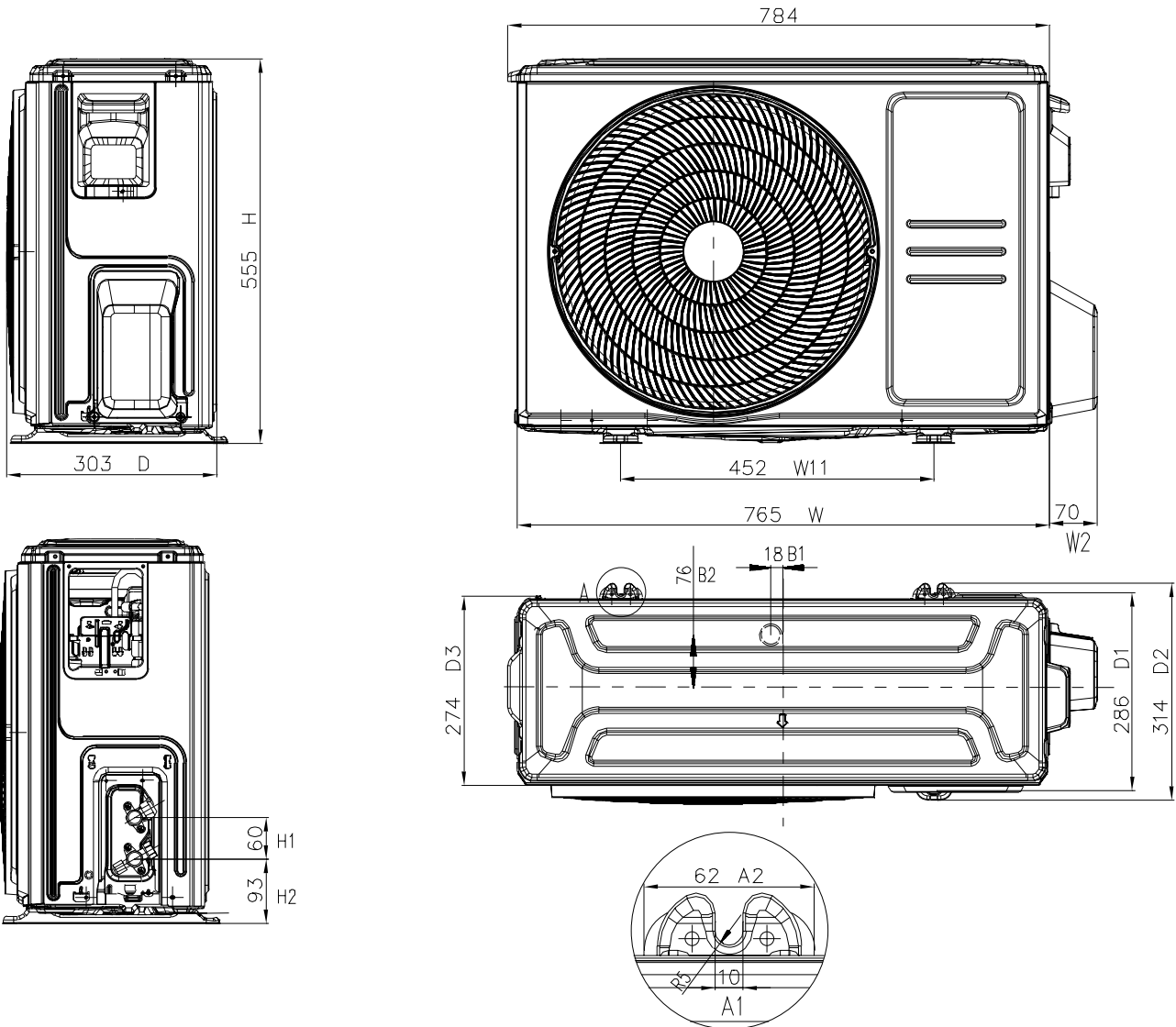

Outdoor Unit Disassembly

Contents

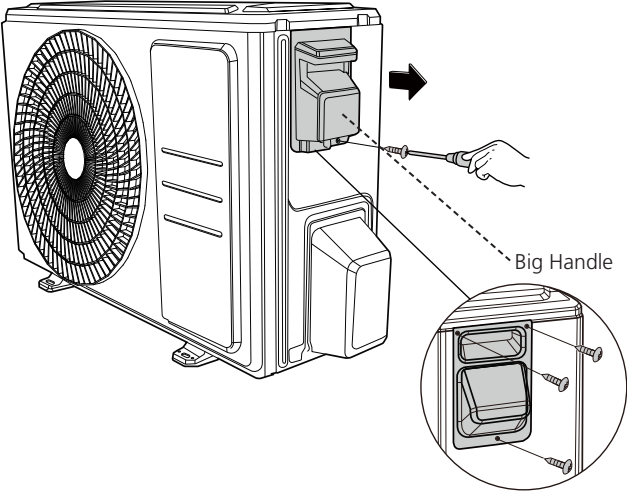
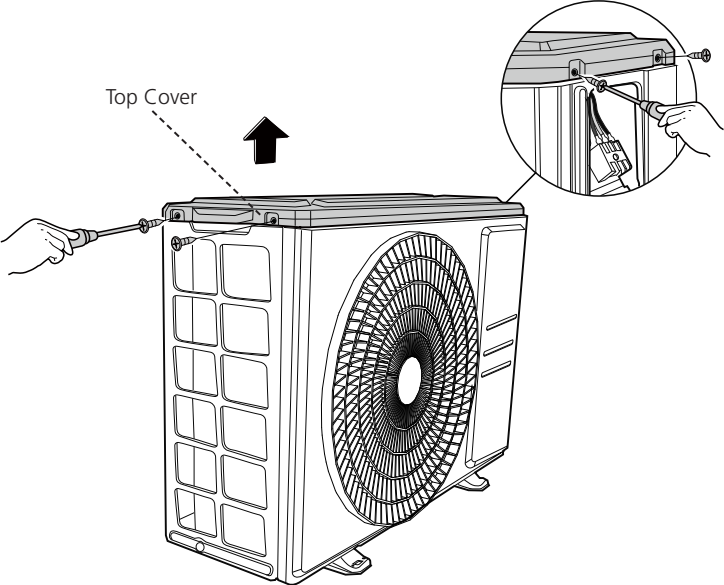
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1. Dimension

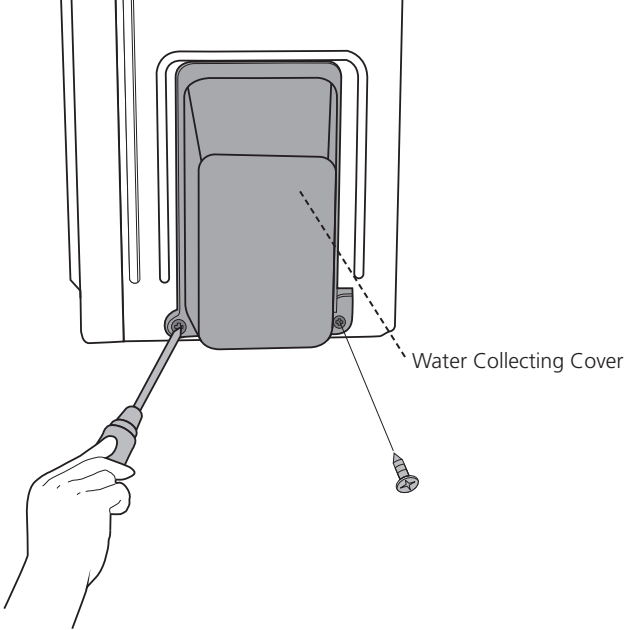
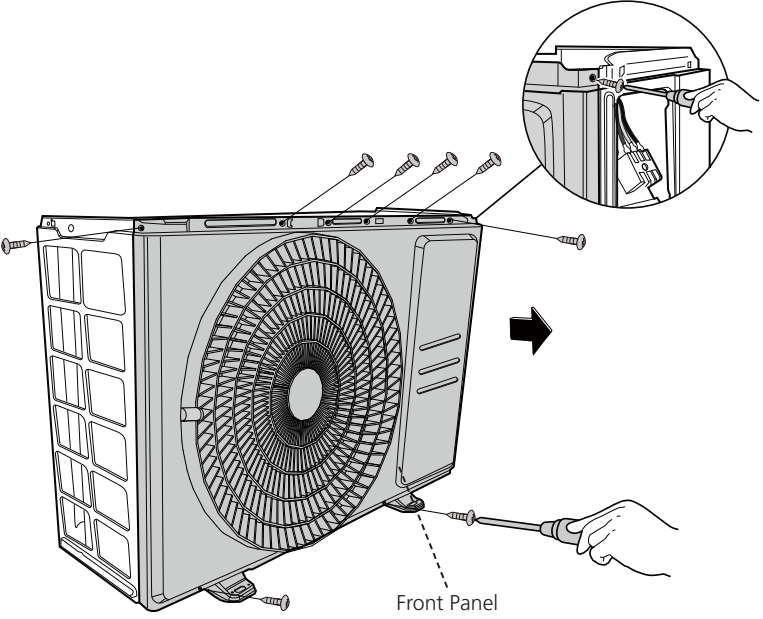


2. Outdoor Unit Disassembly

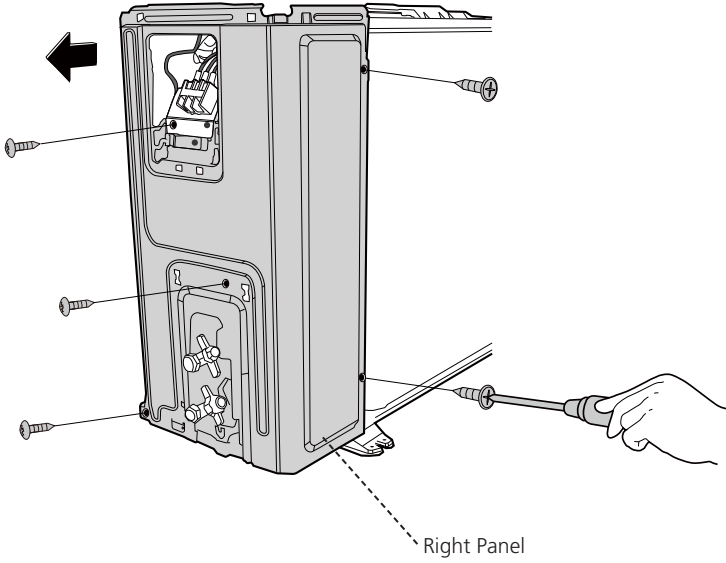
2.1 Panel Plate

Procedure	Illustration
<p>1) Turn off the air conditioner and the power breaker.</p> <p>2) Remove the screw of the big handle and then remove the big handle (1 screw) (see CJ_X230_001).</p>	 <p style="text-align: center;">CJ_X230_001</p>
<p>3) Remove the screws of the top cover and then remove the top cover (4 screws). One of the screws is located underneath the big handle (see CJ_X230_002).</p>	 <p style="text-align: center;">CJ_X230_002</p>

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

Procedure	Illustration
<p>4) Remove the screws of water collecting cover and then remove the water collecting cover (2 screws) (see CJ_X230_003).</p>	 <p style="text-align: center;">CJ_X230_003</p>
<p>5) Remove the screws of the front panel and then remove the front panel (7 screws(onoff models) or 9 screws(inverter models) (see CJ_X230_004).</p>	 <p style="text-align: center;">CJ_X230_004</p>

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

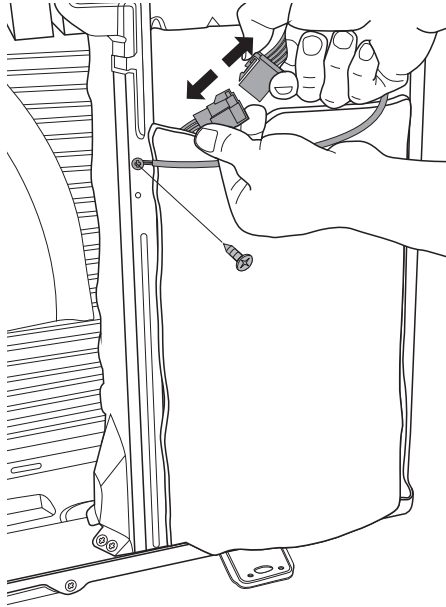
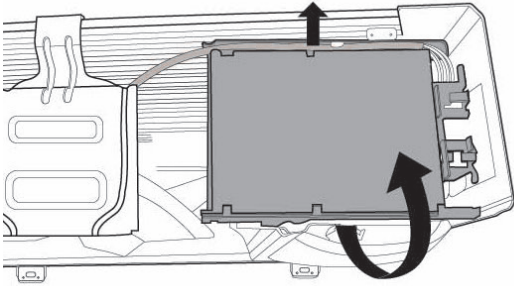
Procedure	Illustration
<p>6) Remove the screws of the right panel and then remove the right panel (5 screws) (see CJ_X230_005).</p>	 <p data-bbox="933 929 1109 963">CJ_X230_005</p>

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

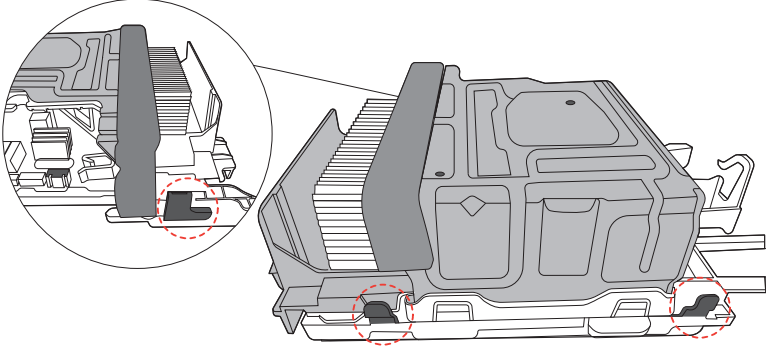
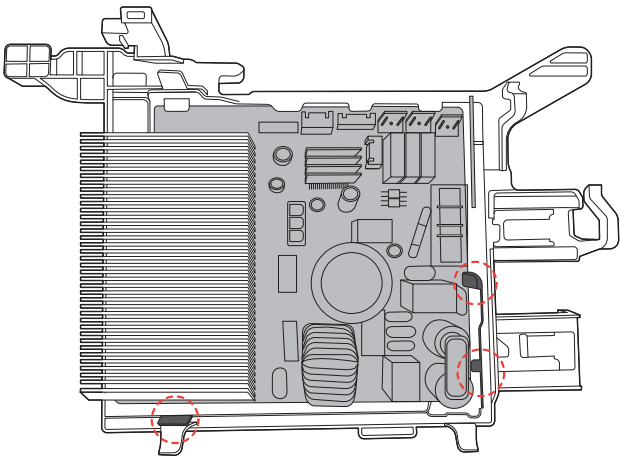
2.2 Electrical parts

⚠ WARNING: Antistatic gloves must be worn when you disassemble the electronic box.

Note: Remove the air outlet grille(refer to 2.1 Panel Plate) before disassembling electrical parts.

Procedure	Illustration
<p>1) Disconnect the connector for compressor and release the ground wire(1 screw). (see CJ_ODU_PCB_026-1).</p>	 <p>CJ_ODU_PCB_026-1</p>
<p>2) Pull out the wires from electrical supporting plate and turn over the electronic control assembly. (see CJ_ODU_PCB_026-2).</p> <p>Note: Electric control box cover cannot be removed, so the voltage between P and N cannot be measured.</p>	 <p>CJ_ODU_PCB_026-2</p>

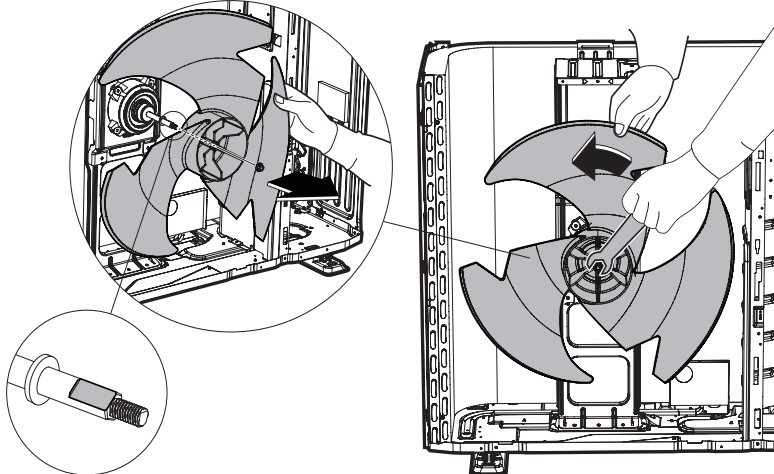
Note: This section is for reference only. Actual unit appearance may vary.

Procedure	Illustration
<p>3) Remove the fixing board (3 hooks) (see CJ_ODU_PCB_026-3).(for some models)</p>	 <p style="text-align: center;">CJ_ODU_PCB_026-3</p>
<p>4) Then remove the electronic control board (3 hooks).(see CJ_ODU_PCB_026-4).</p>	 <p style="text-align: center;">CJ_ODU_PCB_026-4</p>

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

2.3 Fan Assembly

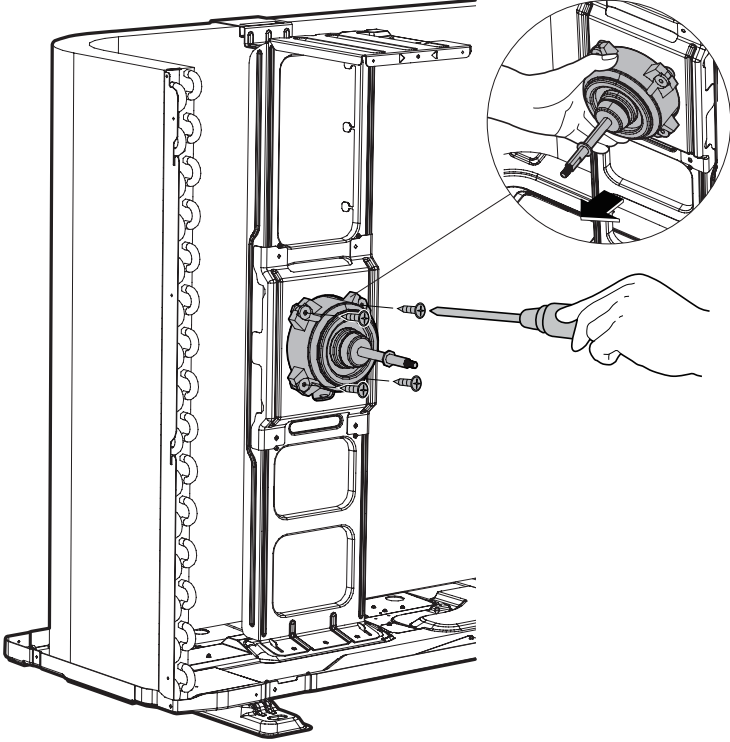
Note: Remove the panel plate (refer to 2.1 Panel Plate) before disassembling fan.

Procedure	Illustration
<ol style="list-style-type: none">1) Remove the nut securing the fan with a spanner (see CJ_ODU_FAN_001).2) Remove the fan.	 <p data-bbox="890 996 1125 1030">CJ_ODU_FAN_001</p>

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

2.4 Fan Motor

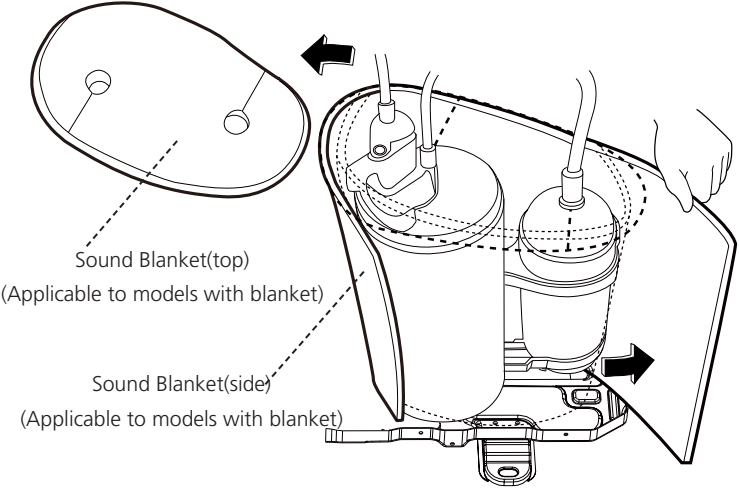
Note: Remove the panel plate and the connection of fan motor on PCB (refer to 2.1 Panel Plate and 2.2 Electrical parts) before disassembling fan motor.

Procedure	Illustration
<p>3) Remove the fixing screws of the fan motor (4 screws) (see CJ_ODU_MOTOR_001).</p> <p>4) Remove the fan motor.</p>	 <p>The illustration shows a vertical cutaway view of an outdoor unit. A hand is using a screwdriver to remove one of four screws that secure a fan motor to a metal frame. A circular inset in the upper right corner provides a magnified view of the screwdriver tip engaged with the screw head. The fan motor is mounted on a central vertical support structure within the unit's casing.</p> <p data-bbox="898 1234 1182 1267">CJ_ODU_MOTOR_001</p>

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

2.5 Sound blanket

Note: Remove the panel plate (refer to 2.1 Panel plate) before disassembling sound blanket.

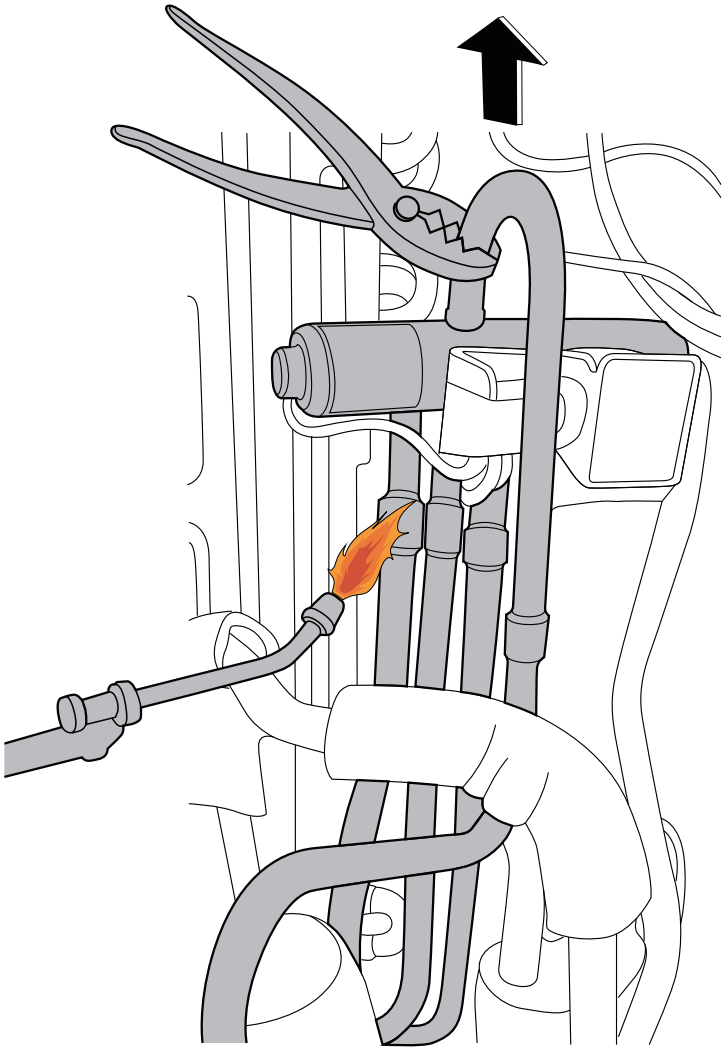
Procedure	Illustration
1) Remove the sound blanket (side and top) (see CJ_ODU_BLANKET_001).	 <p>Sound Blanket(top) (Applicable to models with blanket)</p> <p>Sound Blanket(side) (Applicable to models with blanket)</p> <p>CJ_ODU_BLANKET_001</p>

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

2.6 Four-way valve (for heat pump models)

⚠ WARNING: Evacuate the system and confirm that there is no refrigerant left in the system before removing the four-way valve and the compressor. (For R32 & R290, you should evacuate the system with the vacuum pump; flush the system with nitrogen; then repeat the two steps before heating up the brazed parts. The operations above should be implemented by professionals.)

Note: Remove the panel plate, connection of four-way valve on PCB (refer to 2.1 Panel plate and 2.2 Electrical parts) before disassembling sound blanket.

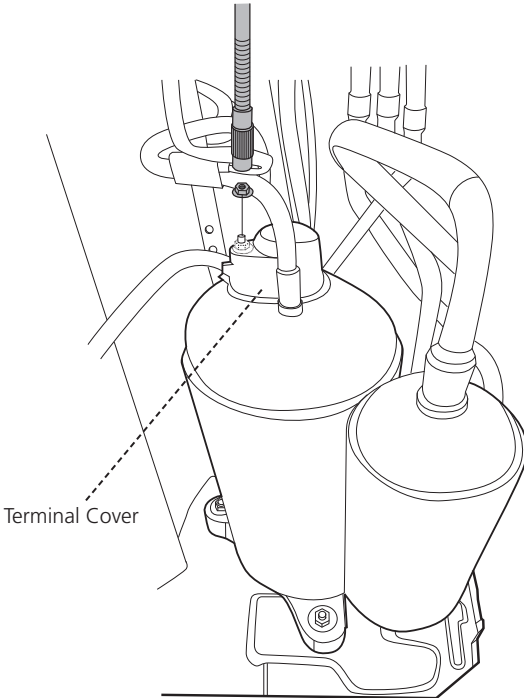
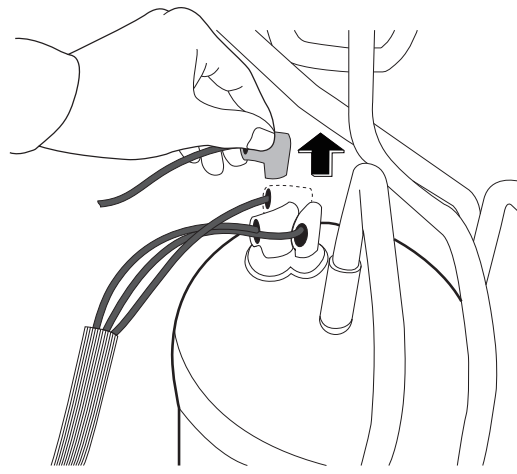
Procedure	Illustration
<ol style="list-style-type: none">1) Heat up the brazed parts and then detach the the four-way valve and the pipe (see CJ_ODU_VALVE_001).2) Remove the four-way valve assembly with pliers.	 <p data-bbox="911 1693 1171 1727">CJ_ODU_VALVE_001</p>

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

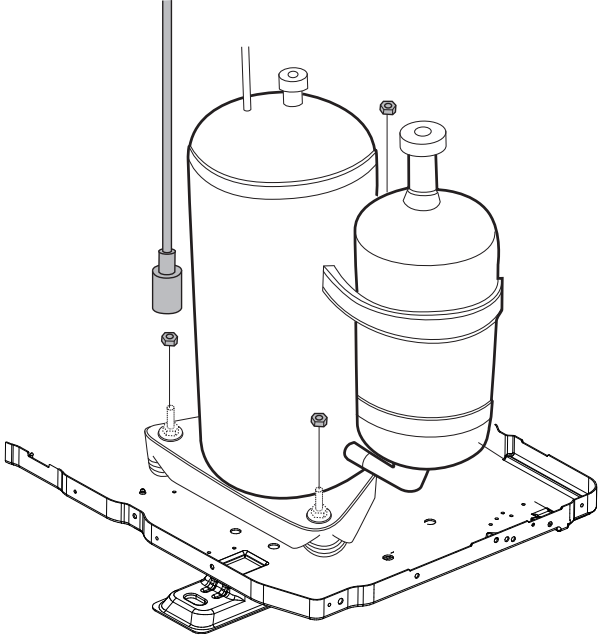
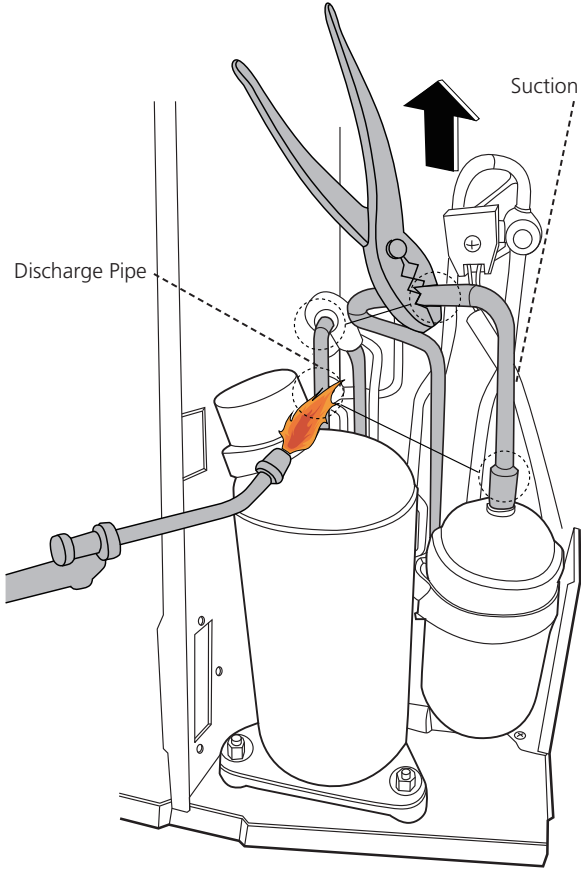
2.7 Compressor

⚠ WARNING: Evacuate the system and confirm that there is no refrigerant left in the system before removing the four-way valve and the compressor. (For R32 & R290, you should evacuate the system with the vacuum pump; flush the system with nitrogen; then repeat the two steps before heating up the brazed parts. The operations above should be implemented by professionals.)

Note: Remove the panel plate, connection of compressor on PCB (refer to 2.1 Panel plate and 2.2 Electrical parts) before disassembling sound blanket.

Procedure	Illustration
<p>1) Remove the flange nut of terminal cover and remove the terminal cover (see CJ_ODU_COMP_001).</p>	 <p style="text-align: center;">CJ_ODU_COMP_001</p>
<p>2) Disconnect the connectors (see CJ_ODU_COMP_002).</p>	 <p style="text-align: center;">CJ_ODU_COMP_002</p>

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

Procedure	Illustration
<p>3) Remove the hex nuts and washers securing the compressor, located on the bottom plate (see CJ_ODU_COMP_003).</p>	 <p style="text-align: center;">CJ_ODU_COMP_003</p>
<p>4) Heat up the brazed parts and then remove the the discharge pipe and the suction pipe (see CJ_ODU_COMP_004).</p> <p>5) Lift the compressor from the base pan assembly with pliers.</p>	 <p style="text-align: center;">CJ_ODU_COMP_004</p>

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