




# REMOVAL PROCEDURE



## S E R V I C E M A N U A L

### 3/4/5 HP Class

-  Indoor Unit
-  Non-Inverter
-  Floor Standing Type



# **Service Manual Removal Procedure**

## **Indoor Unit**

### **Applicable Models**

#### **●Cooling Only**

**FV125LAVE**

#### **●Heat Pump**

**FVY71LAVE**

**FVY100LAVE**

**FVY125LAVE**

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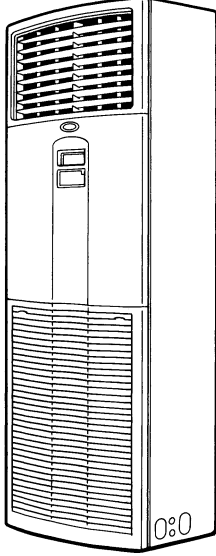
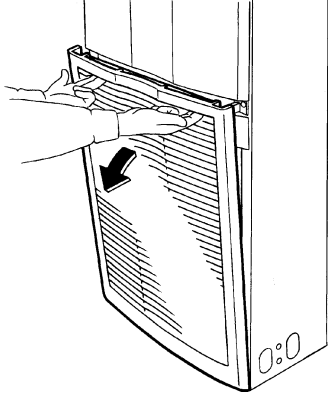
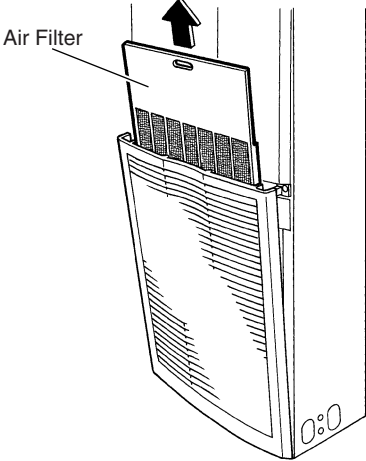
# 1. Procedure to Remove Suction Grille and Air Filter

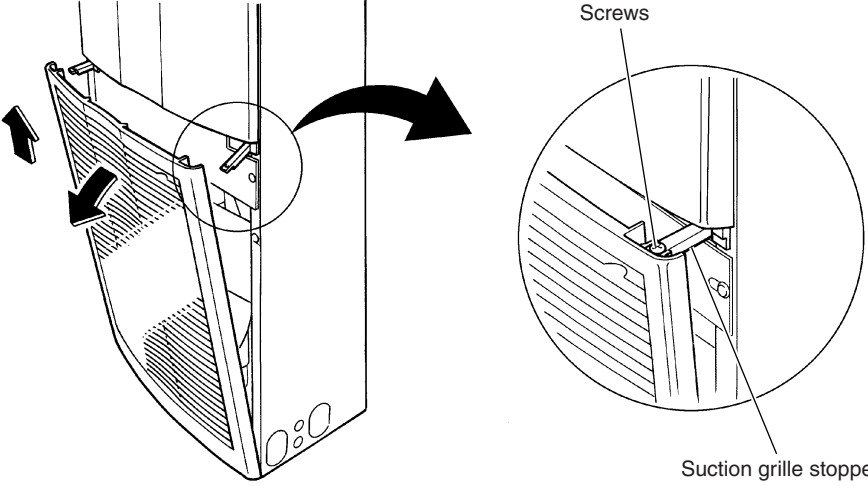
**Procedure**



**Warning**

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

Step	Procedure	Points
Removing air filter		
1	<p>Pull tabs of suction grille to open the grille slightly.</p> 	
2	<p>Lift up air filter</p> 	

Step	Procedure	Points
Removing suction grille		
<ol style="list-style-type: none"> <li>1</li> <li>2</li> </ol>	<p>Remove 2 fixing screws located at both left and right sides of suction grille.</p> <p>Open widely and lift suction grille to remove it.</p> 	

## 2. Procedure to Remove Electric Parts and Remote Controller

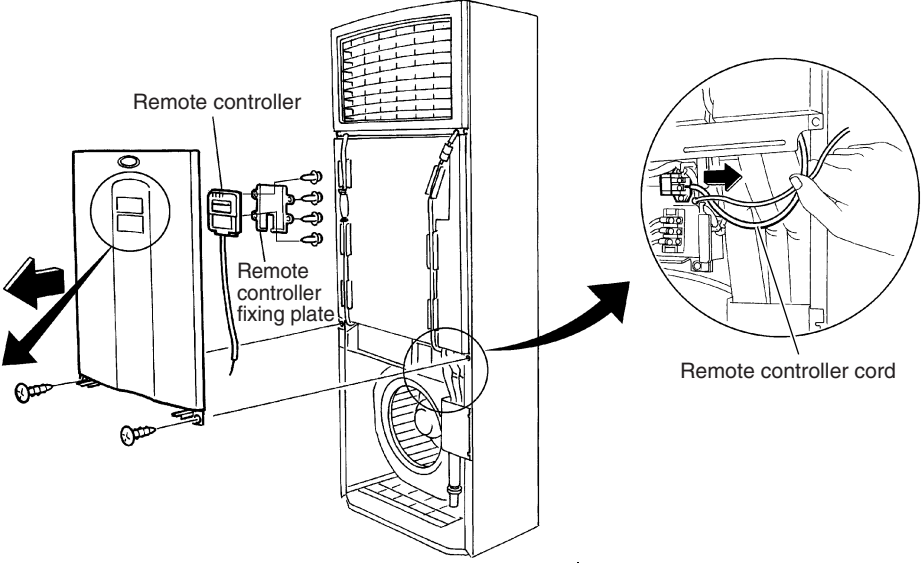
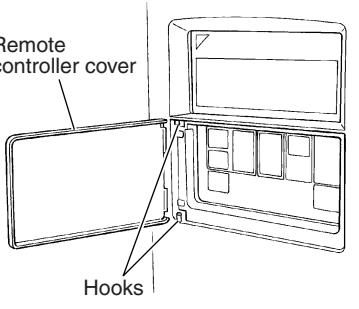
**Procedure**



**Warning**

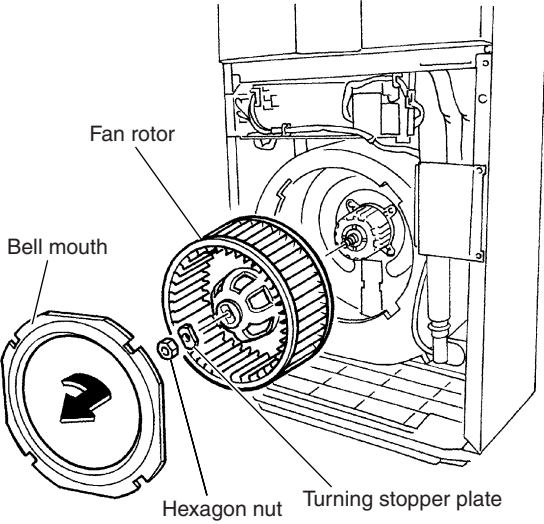

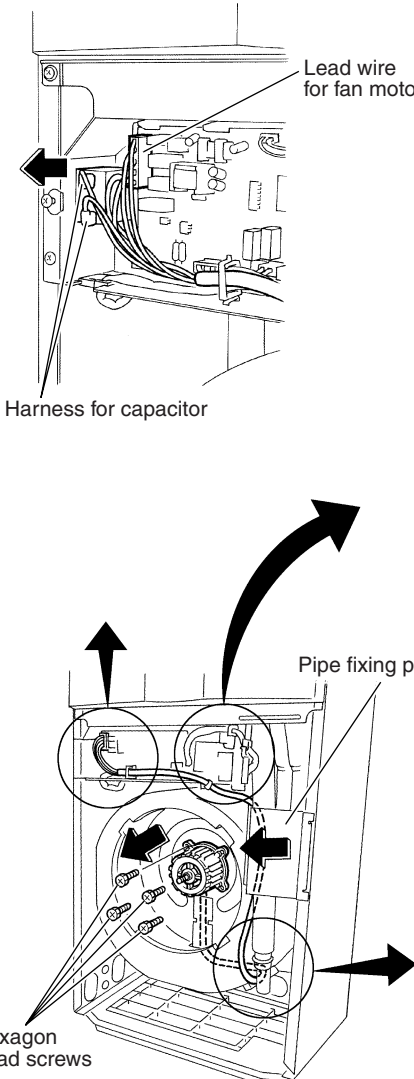
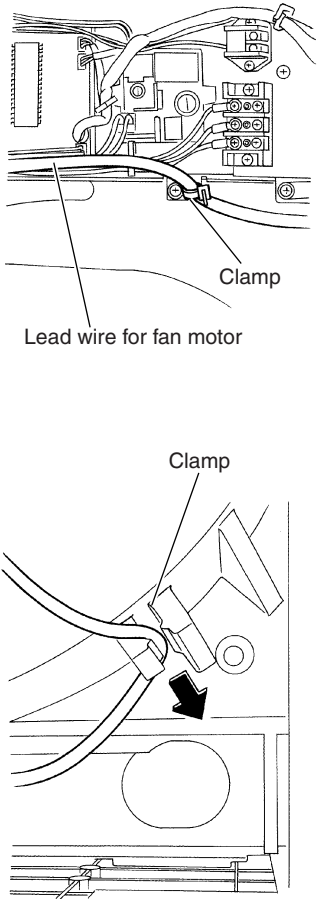
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

Step	Procedure	Procedure	Points
1	<p>To remove switch box cover, dismount screw (A), loosen screw (B) and slide the cover to right side. Remove suction air thermistor from bell mouth.</p>		
2	<p>The figure right shows part layout inside switch box.</p>		
3	<p>Disconnect remote controller cord from switch box.</p>		

Step	Procedure	Points
<p>4 Remove 2 screws to dismount front panel.</p> <p>5 Remove 4 screws to dismount remote controller.</p>	 <p>Remote controller</p> <p>Remote controller fixing plate</p> <p>Remote controller cord</p>	
	 <p>Remote controller cover</p> <p>Hooks</p>	

### 3. Procedure to Remove Fan Rotor and Fan Motor

**Procedure**  **Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

Step	Procedure	Points
<p><b>Removing fan rotor</b></p> <ol style="list-style-type: none"> <li>1 Turn bell mouth in CW to remove it.</li> <li>2 Remove hexagon nut and turning stopper plate to disassemble fan rotor.</li> </ol>	 <p>Fan rotor Bell mouth Hexagon nut Turning stopper plate</p>	 <b>Caution</b> When reassembling be sure to clamp wires.
<p><b>Removing fan motor</b></p> <ol style="list-style-type: none"> <li>1 Disconnect lead wire for fan motor and harness for capacitor from switch box.</li> <li>2 To dismantle pipe-fixing plate, remove a screw and slide the plate to left side.</li> <li>3 To remove wire-fixing plate, remove 2 screws and slide the plate upward.</li> <li>4 Remove 4 hexagon head screws to dismount fan motor.</li> </ol>	 <p>Lead wire for fan motor Harness for capacitor Pipe fixing plate Hexagon head screws</p>	 <p>Clamp Lead wire for fan motor</p>



# 4. Procedure to Remove Swing Motor

**Procedure**



**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

Step	Procedure	Points
<p>1 Disconnect harness for swing motor and 1 for limit switch at connector section.</p> <p>2 Remove 4 screws to dismount discharge assembly.</p>	<p>Discharge assembly</p> <p>Harness for swing motor</p> <p>Harness for limit motor</p>	
<p>3 Remove 2 screws to dismount swing motor assembly.</p> <p>4 Disengage hooks on swing motor mounting plate cover and remove 2 screws. Then, remove swing motor.</p>	<p>Harness for swing motor</p> <p>Filament tape</p> <p>Filament tape</p> <p>Swing motor mounting cover</p> <p>Screws</p> <p>Swing motor</p>	<p><b>Caution</b>                  2 of 8 horizontal blades located at top and bottom position can be moved by hand individually, while rest 6 blades are linked to move by hand at the same time.</p>

# 5. Procedure to Remove Heat Exchanger

**Procedure**



**Warning**

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

Step	Procedure	Points
<p>Removing switch box</p> <ol style="list-style-type: none"> <li>1 Disconnect connector for swing motor and 1 for limit switch.</li> <li>2 Remove heat exchanger thermistor from PCB.</li> <li>3 Remove 3 mounting screws to dismount switch box and air partition plate.</li> </ol>		
<p>Removing top panel</p> <ol style="list-style-type: none"> <li>1 Remove 8 screws to dismount top panel.</li> </ol>		
<p>Removing heat exchanger</p> <ol style="list-style-type: none"> <li>1 Remove 4 screws to dismount heat exchanger.</li> </ol>		<p><b>Caution</b> Be sure to remove heat exchanger before cleaning it.</p>

# Revision History

Month / Year	Version	Revised contents
01 / 2013	Si241306	First edition

Warning



- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

### Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.



JMI-0107

Organization:  
DAIKIN INDUSTRIES, LTD.  
AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:  
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF  
COMMERCIAL AIR CONDITIONING, HEATING, COOLING,  
REFRIGERATING EQUIPMENT, HEATING EQUIPMENT,  
RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT  
RECLAIM VENTILATION, AIR CLEANING EQUIPMENT,  
COMPRESSORS AND VALVES.



JQA-1452

Organization:  
DAIKIN INDUSTRIES  
(THAILAND) LTD.

Scope of Registration:  
THE DESIGN/DEVELOPMENT  
AND MANUFACTURE OF AIR  
CONDITIONERS AND THE  
COMPONENTS INCLUDING  
COMPRESSORS USED FOR THEM



EC99J2044

All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 international standard for environment management.

### Dealer

### **DAIKIN INDUSTRIES, LTD.**

Head Office:  
Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,  
Kita-ku, Osaka, 530-8323 Japan

Tokyo Office:  
JR Shinagawa East Bldg., 2-18-1, Konan,  
Minato-ku, Tokyo, 108-0075 Japan

[http://www.daikin.com/global\\_ac/](http://www.daikin.com/global_ac/)

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