




REMOVAL PROCEDURE



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

3/4/5 HP Class

-  Indoor Unit
-  Non-Inverter
-  Pair Type



Service Manual Removal Procedure

Indoor Unit

Applicable Models

●Heat Pamp

**FUY71FJV1
FUY100FJV1
FUY125FJV1**

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1. Removal of Air Filter

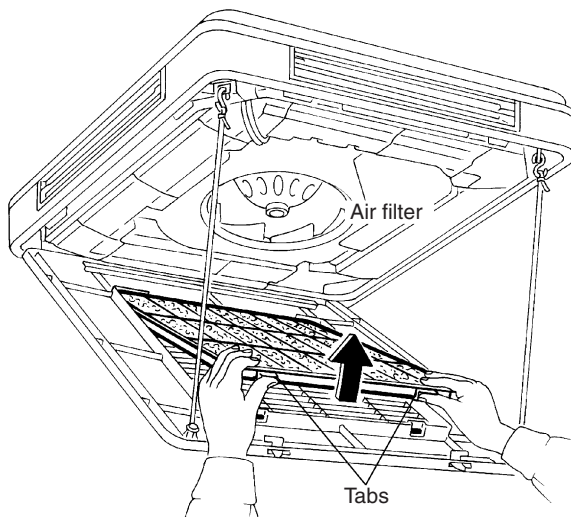
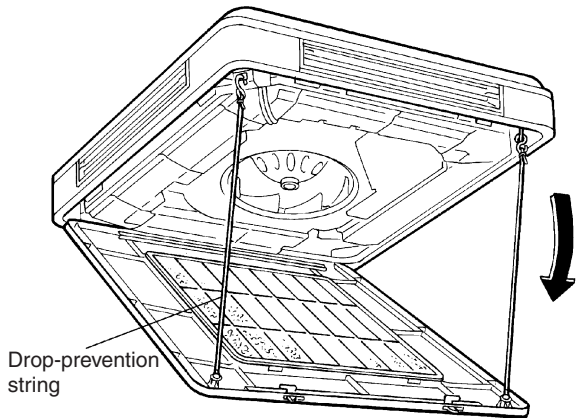
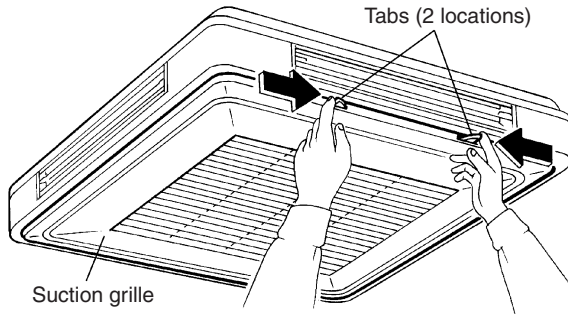
Procedure



Warning

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

Step	Procedure	Points
1	<p>Opening suction grille Push 2 tabs on suction grille toward the center of grille at the same time.</p>	
2	<p>Pull down suction grille. (2 strings are equipped to prevent the grille from dropping.)</p>	
3	<p>To remove air filter, lift the tabs up at the same time and pull it forward.</p>	



2. Procedure to Remove Suction Grille

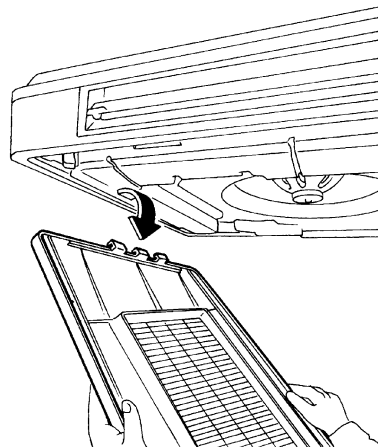
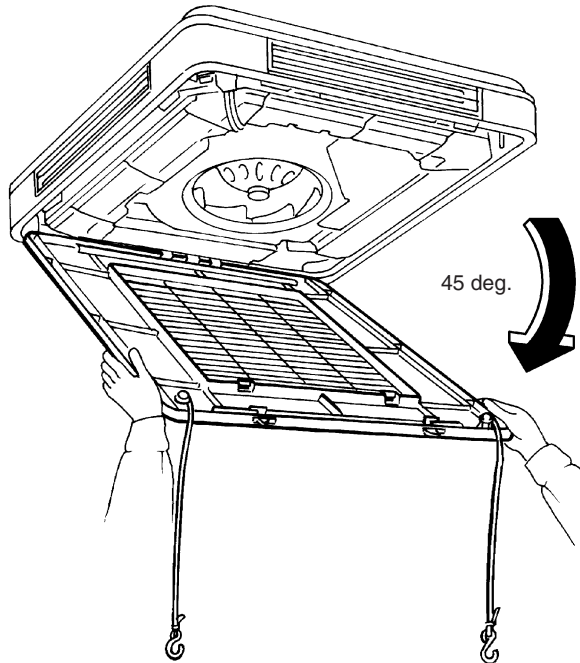
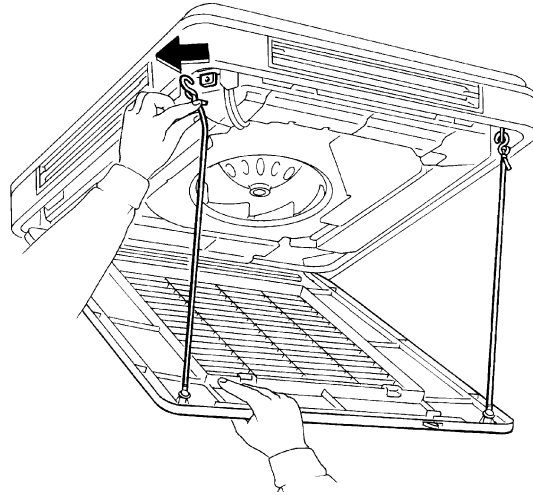
Procedure



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Step	Procedure	Points
1.	Unhook 2 drop-prevention strings while supporting suction grille with hand.	
2.	Open suction grille forward for approx. 45 degree.	
3.	Disengage 3 hooks located at rear side of the grille to remove suction grille.	



3. Procedure to Remove Fan

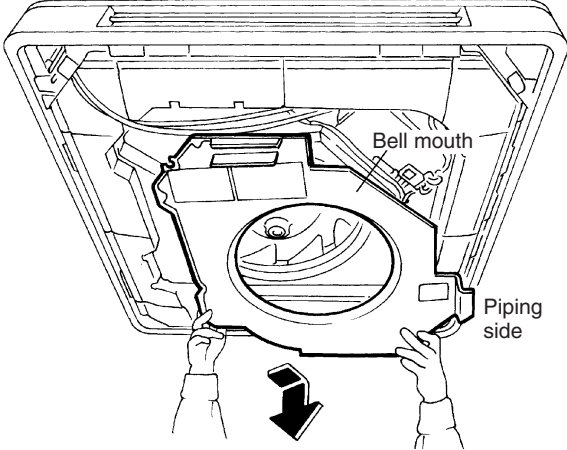
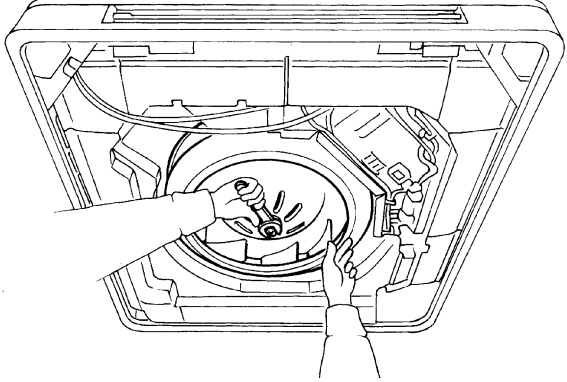
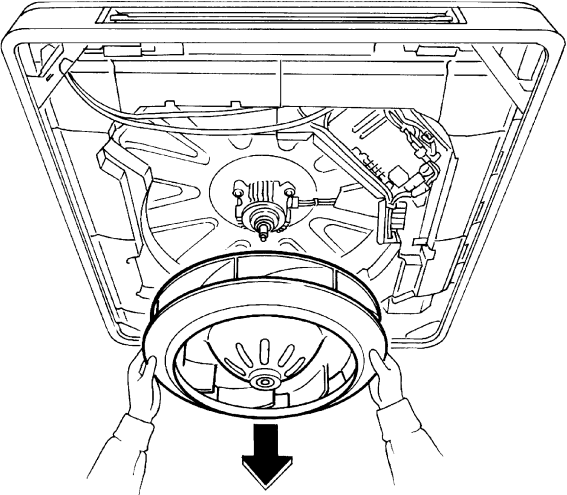
Procedure



Warning

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Step	Procedure	Points
1.	Remove 2 mounting screws to dismount switch box cover.	Switch box cover
2.	Remove suction air thermistor attached to bell mouth.	PCB Suction air thermistor Fan Tabs Lead wire of thermistor
3.	Bell mouth is mounted with 3 screws. Loosen a screw located at diagonal position to the pipings and remove other 2 screws.	Loosen this screw Remove these 2 screws. To remove bell mouth, loosen this screw and slide bell mouth to right side.

Step	Procedure	Points
4.	<p>Remove bell mouth by sliding to piping direction.</p> 	
5.	<p>To dismount fan, remove washer based nut using double-ended wrench.</p> 	
6.	<p>Remove fan by pulling down.</p> 	

4. Procedure to Remove 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>1. Removing fan motor a. Disconnect connector b. Remove lead wire retaining plate</p>		<p> Caution *Fan motor can be removed without removing the lead wire retaining plate. However, when washing the heat exchanger, this plate should be removed and protect the lead wires.</p>
<p>2. Remove screws for mounting fan motor. *FUY71FJV1 : 3 screws *FUY100/125FJV1 : 4 screws</p>		
<p>3. Remove motor by pulling down.</p>		

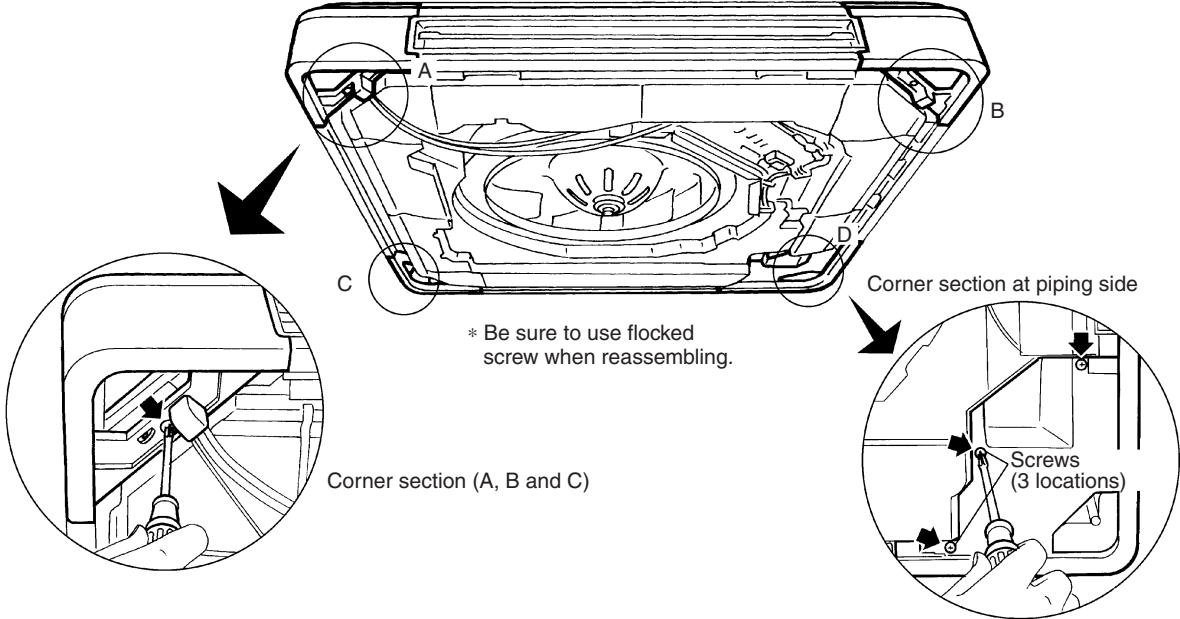
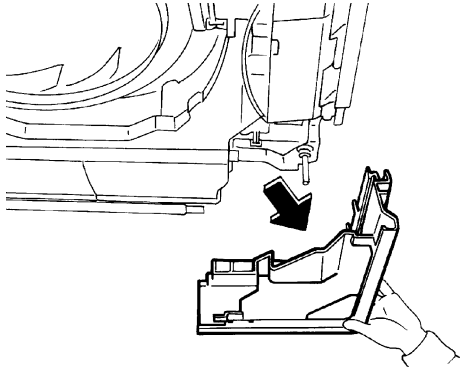
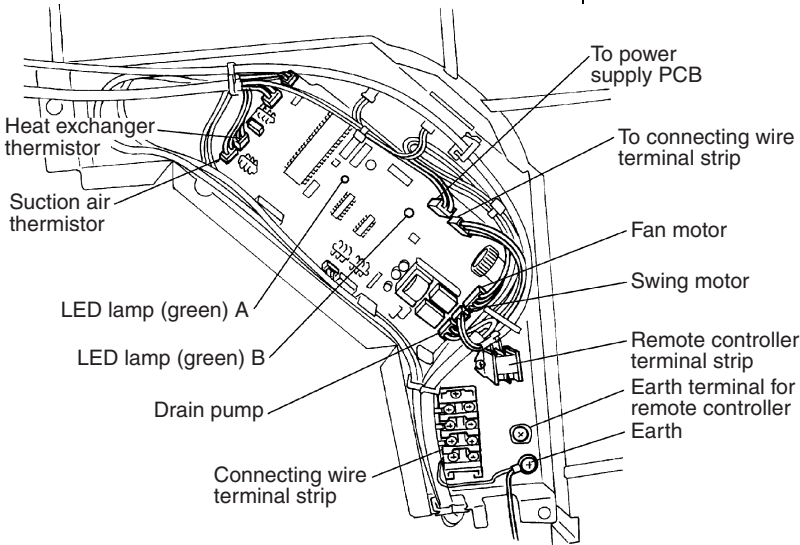
5. Procedure to Remove Drain Pan


Procedure

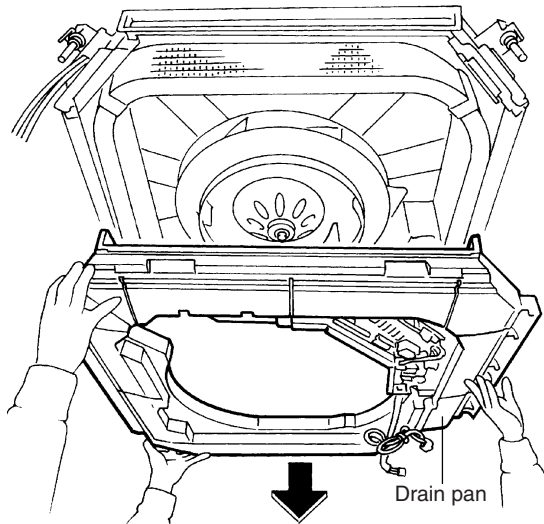
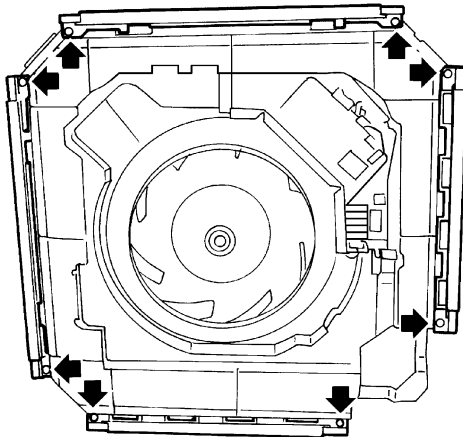
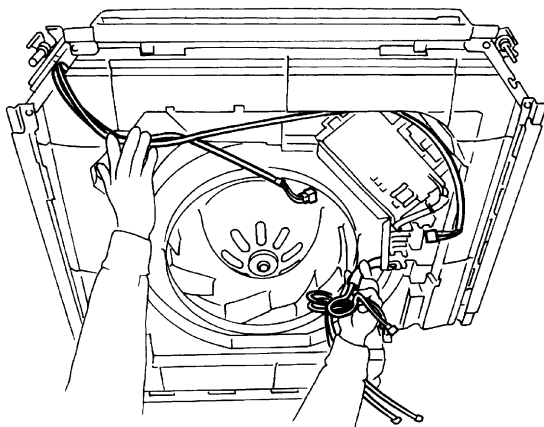


Warning

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Step	Procedure	Points
<p>*Remove suction grille according to the Removal of air filter and that of suction grille.</p>	 <p>* Be sure to use flocked screw when reassembling.</p>	
<p>1. To dismantle 3 corner sections A, B and C, remove a flocked screw.</p>		
<p>2. Remove 3 flocked screws to dismantle corner section D.</p>		
<p>3. Disconnect wires and connectors from PCB.</p>		

Step	Procedure	Points
4.	Arrange wire harness to avoid interference with next process.	<p> Caution</p> <p>*This work should be done by 2 personnel.</p> <p>*If drain water remain in the pan, it may drop and stain on the floor.</p> <p>Make sure to check if no drain water remain in the pan, or cover the floor with vinyl sheet before disassembling work.</p>
5.	To dismount drain pan blocking plate, remove each 2 mounting screws located at 4 corners.	
6.	Remove drain pan by pulling it down.	




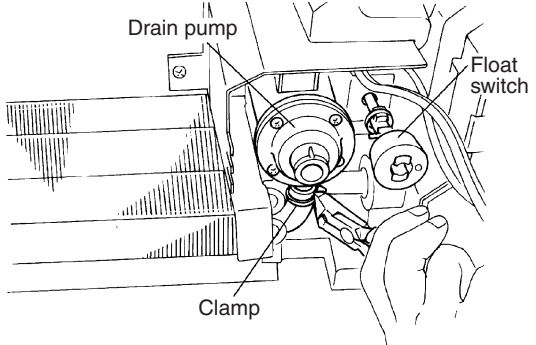
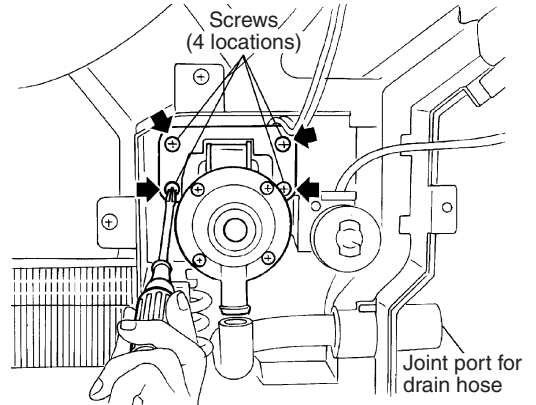
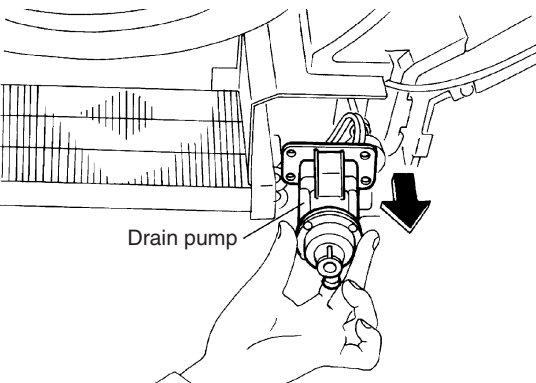
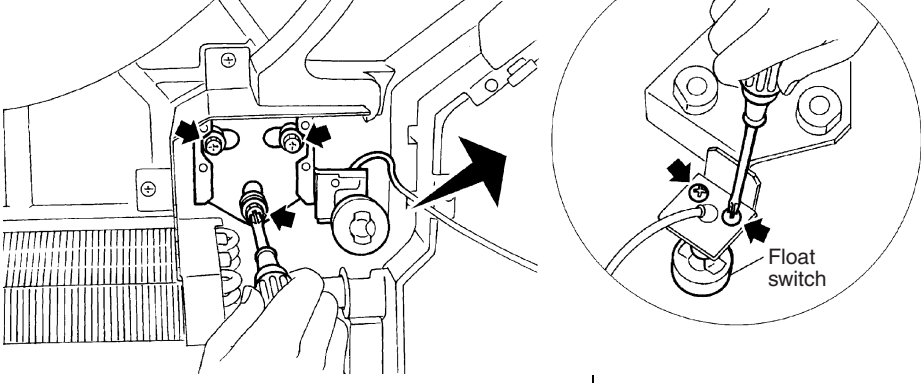
6. Procedure to Remove Drain Pump

Procedure



Warning

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Step	Procedure	Points
1.	Drain pump is located at piping side. Cut clamp material of hose, and disconnect hose from pump.	 Caution *When reconnect drain hose with the pump, secure hose at joint using clamping material. (Clamping material should be normally included in the stock items.)
2.	Remove 4 screws to dismount drain pump.	
3.	Dismount drain pump by pulling it down.	
4.	Removing float switch a. Loosen 3 mounting screws to remove drain pump mounting base. b. Remove 2 screws located at opposite side of drain pump mounting base to dismount float switch.	
		

7. Procedure to Remove Swing Motor

Procedure



Warning

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Step	Procedure	Points
<p>*Remove suction grille according to the Removal of suction grille.</p> <ol style="list-style-type: none"> 1. Swing motor is located at the diagonal position of piping. 2. Remove 2 mounting screws for swing motor cover. 3. Remove swing motor cover by holding 2 tabs on the cover. 4. Remove 2 screws to dismount swing motor. 	<p>The diagram illustrates the removal process in four stages. The top part shows the 'Swing motor section' and 'Airflow control blade'. A circular inset highlights 'Tabs' and 'Screws'. A hand is shown pulling the cover away. The middle diagram shows the 'Swing motor' being removed with two screws. The bottom diagram shows the 'Limit switch' and 'Connecting rod'.</p>	

8. Procedure to Remove Airflow Control Blade

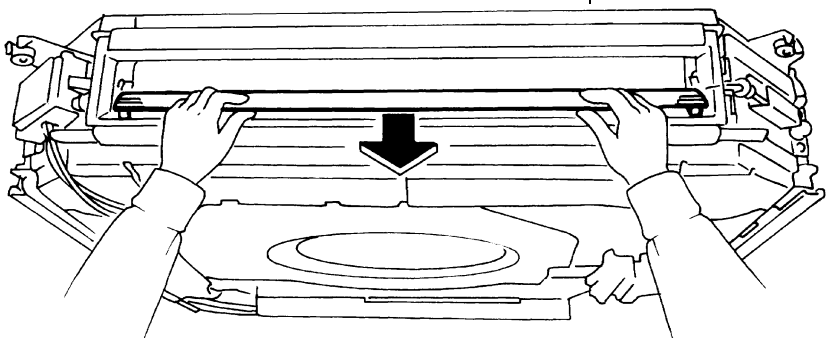
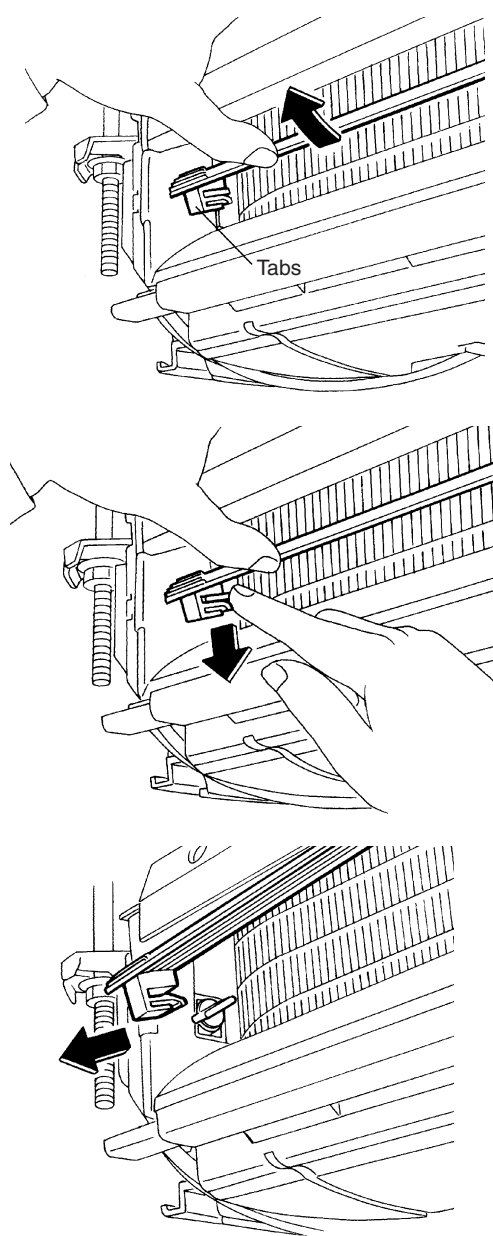
Procedure



Warning

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

Step	Procedure	Points
1.	To remove horizontal blade, press down tabs located at both end of blade and pull them forward.	
2.	Remove horizontal blade.	



Revision History

Month / Year	Version	Revised contents
06 / 2013	Si211308E	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

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