



1.5/2.0/2.5/3.0/3.5 kW Class 9000/12000 Btu/h Class





Service Manual Removal Procedure

Indoor Unit

Cooling Only

ATKC09RV2S ATKC12RV2S

FTKC09NV2S FTKC12NV2S

FTKC25NVM FTKC35NVM

FTKC15NVM4 FTKC20NVM4 FTKC25NVM4 FTKC35NVM4

FTKC25NVMM FTKC35NVMM

FTKC25NVMV FTKC35NVMV

FTKC09PV2S FTKC12PV2S

FTKC15PVM FTKC20PVM FTKC25PVM FTKC35PVM

FTKC15PVM4 FTKC20PVM4 FTKC25PVM4 FTKC35PVM4

FTKC25PVMM FTKC35PVMM

FTKC20PVMV FTKC25PVMV FTKC35PVMV Heat Pump

ATX20J2V1B ATX25J2V1B ATX35J2V1B

FTX20J2V1B FTX25J2V1B FTX35J2V1B

FTXM20HVMV FTXM25HVMV FTXM35HVMV

FTXP20HVLT FTXP25HVLT FTXP30HVLT

Table of Contents

1.	Air Filters	2
	Horizontal Blade	
3.	Front Panel	4
4.	Front Grille	5
5.	Electrical Box / Vertical Blades	6
6.	Swing Motor / PCBs	9
	Indoor Heat Exchanger	
8.	Fan Rotor / Fan Motor	15



Note: • The illustrations may be slightly different depending on the model.

Air Filters Si041264EC

1. Air Filters



Warning

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

	disassembling work.				
Step		Procedure	Points		
1	emove the air filters. Open the front panel.	Front panel	The air filter is not marked for difference between the right and left sides.		
2	Pull out the air filter downward and remove it.		■ When reassembling, insert the air filter along the guides.		
			■ Insert the air filter with the "FRONT" mark faced up.		
		Air filter (R18236)	■ Be sure to fit the 2 bottom hooks when installing the air filter.		
	emove the Titanium	Projection Air filter			
	patite photocatalytic	Museyytt, and			
a	r-purifying filters. Remove the Titanium apatite photocatalytic air-purifying filter ASSY by unfastening the 2 projections from the back of the air filter.	Titanium apatite photocatalytic air-purifying filter ASSY (R20666)			
2	Unfasten the 5 hooks and remove the Titanium apatite photocatalytic airpurifying filter from its frame.	Hook (R8027)	 To prevent damage, do not remove the Titanium apatite photocatalytic air-purifying filter from the frame when cleaning it. The Titanium apatite photocatalytic air-purifying filter is not marked for difference between the right and left sides. 		

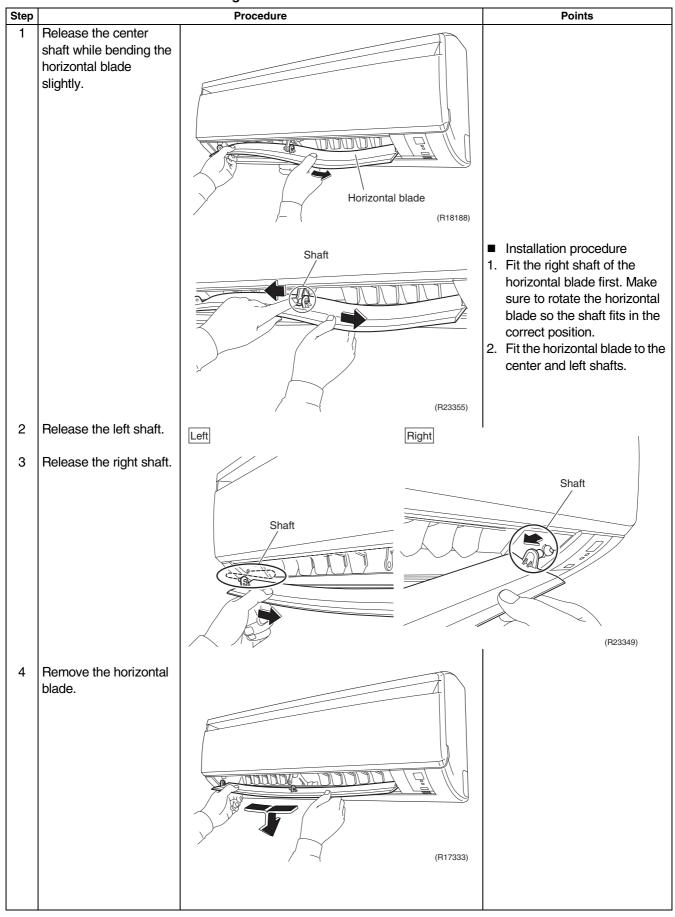
Si041264EC Horizontal Blade

2. Horizontal Blade



Warning

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



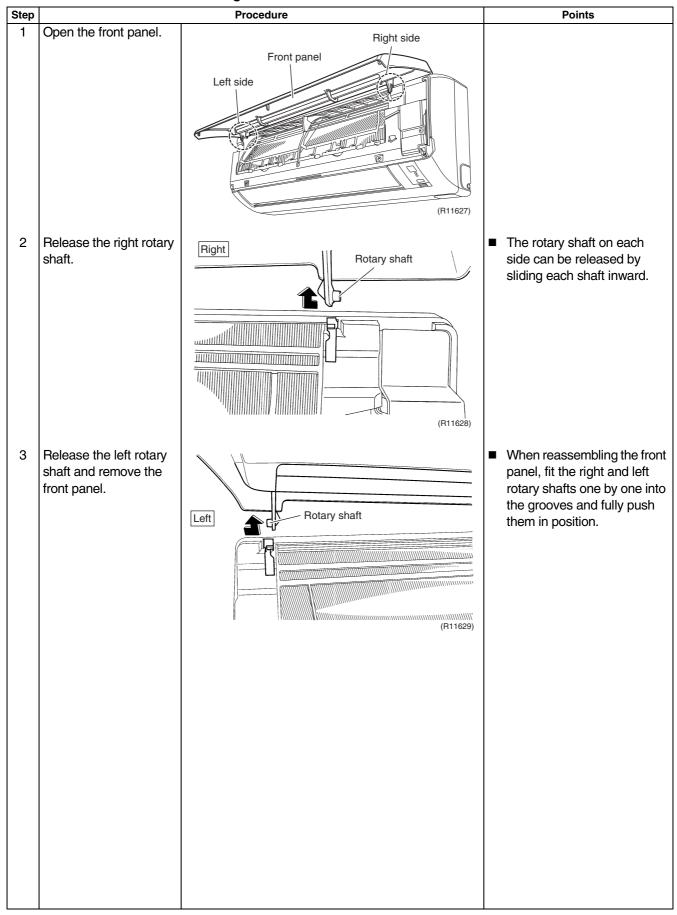
Front Panel Si041264EC

3. Front Panel



Warning

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



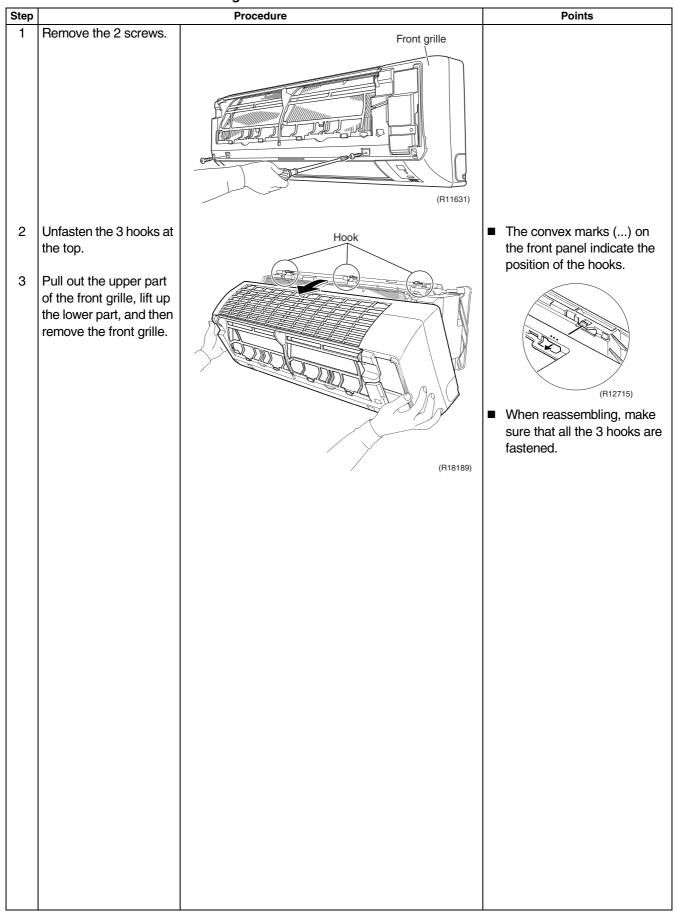
Si041264EC Front Grille

4. Front Grille



Warning

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

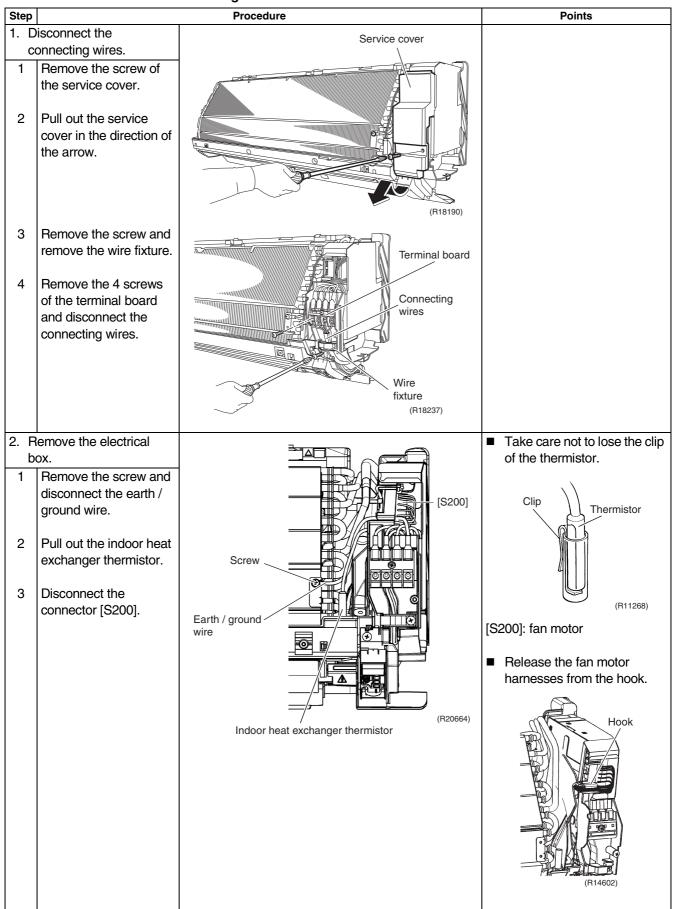


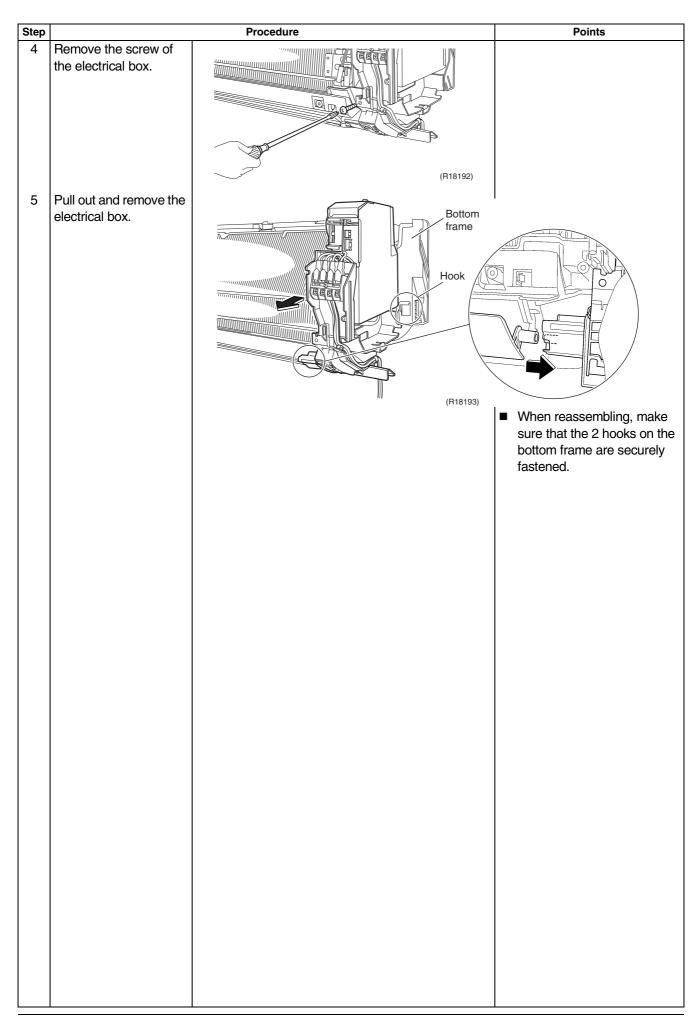
5. Electrical Box / Vertical Blades

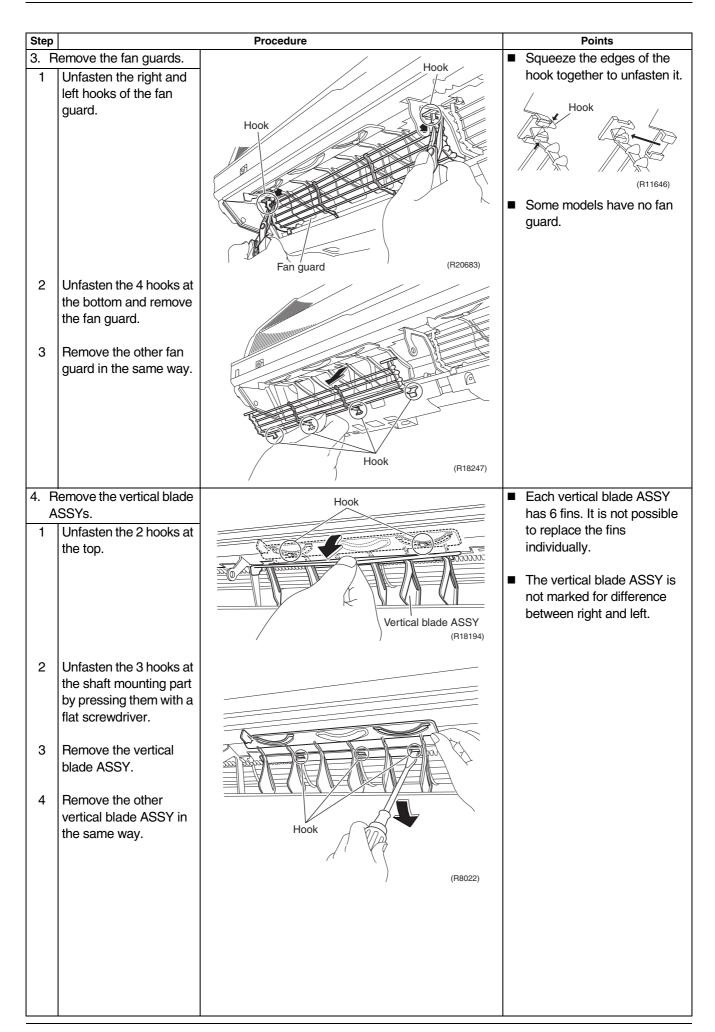


Warning

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







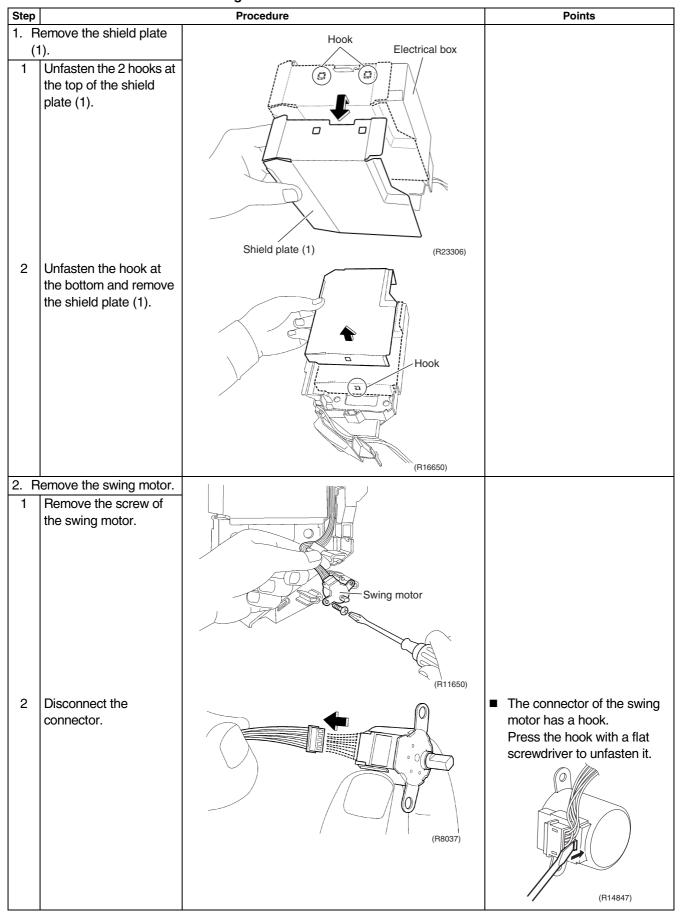
Si041264EC Swing Motor / PCBs

6. Swing Motor / PCBs

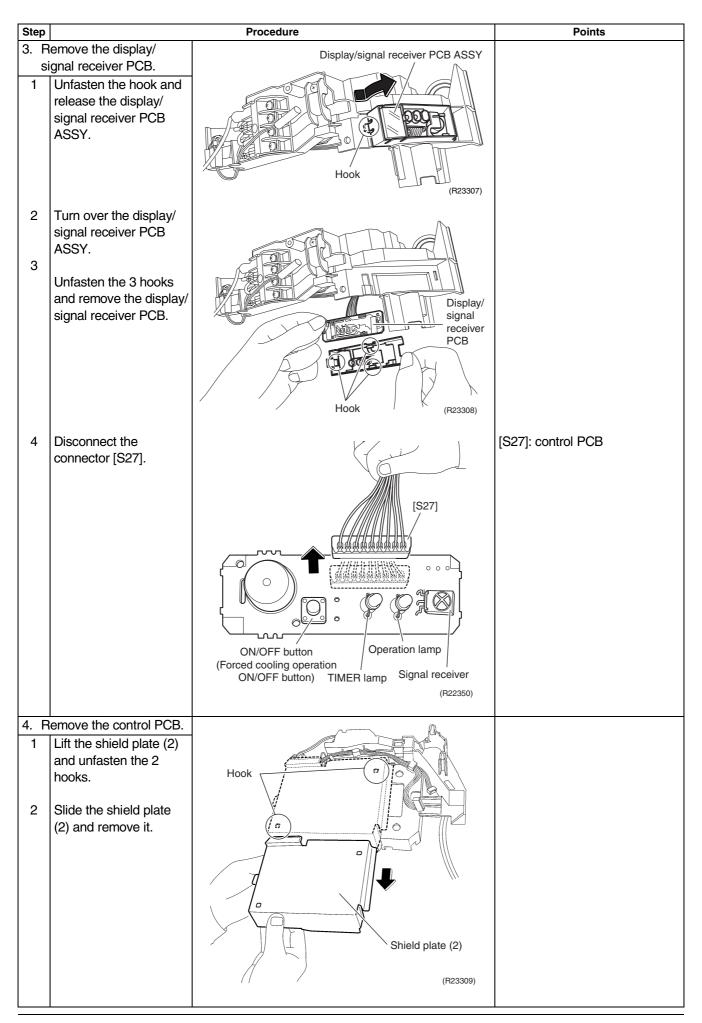


Warning

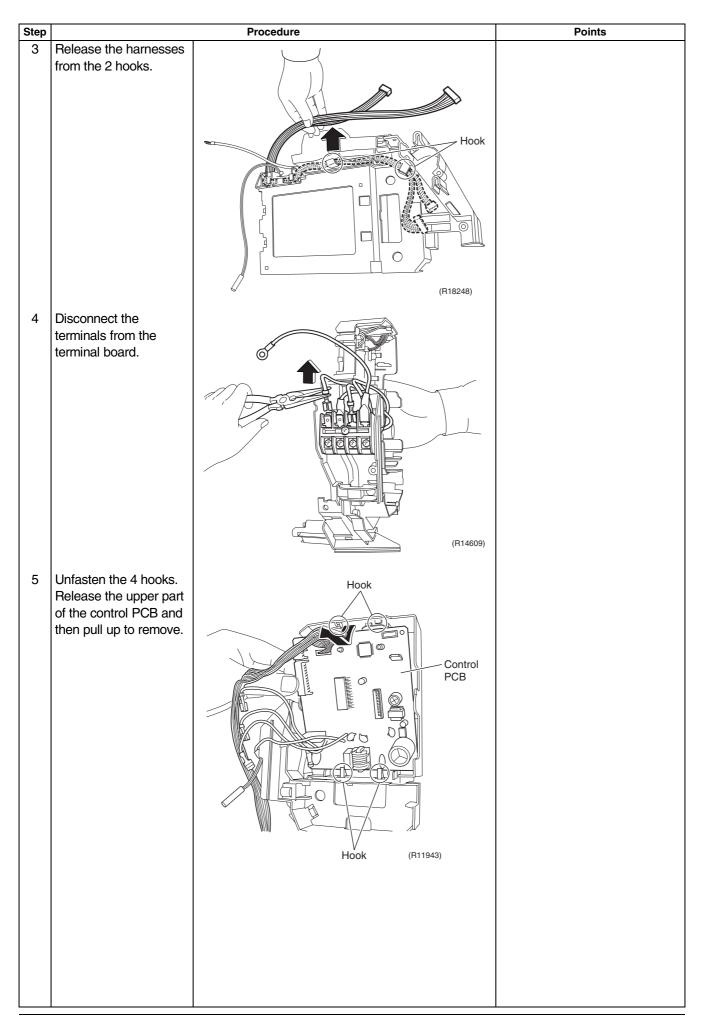
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Swing Motor / PCBs Si041264EC



Si041264EC Swing Motor / PCBs



Indoor Heat Exchanger Si041264EC

7. Indoor Heat Exchanger

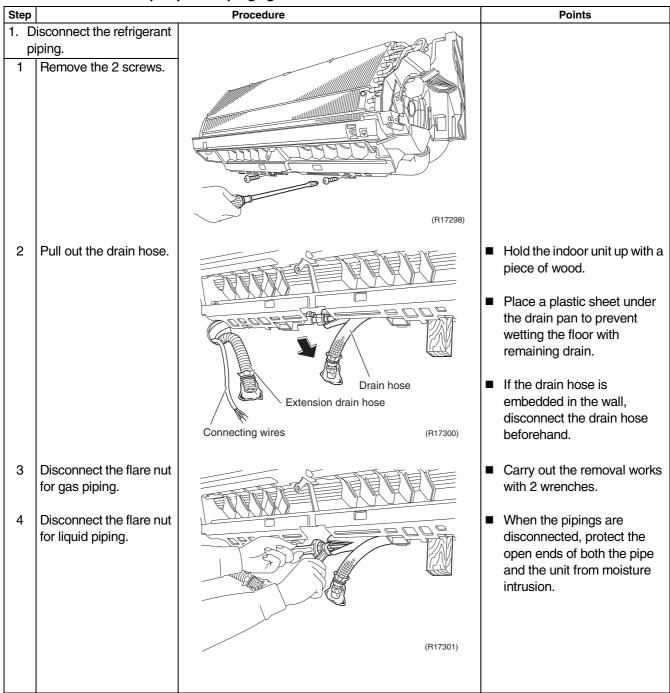


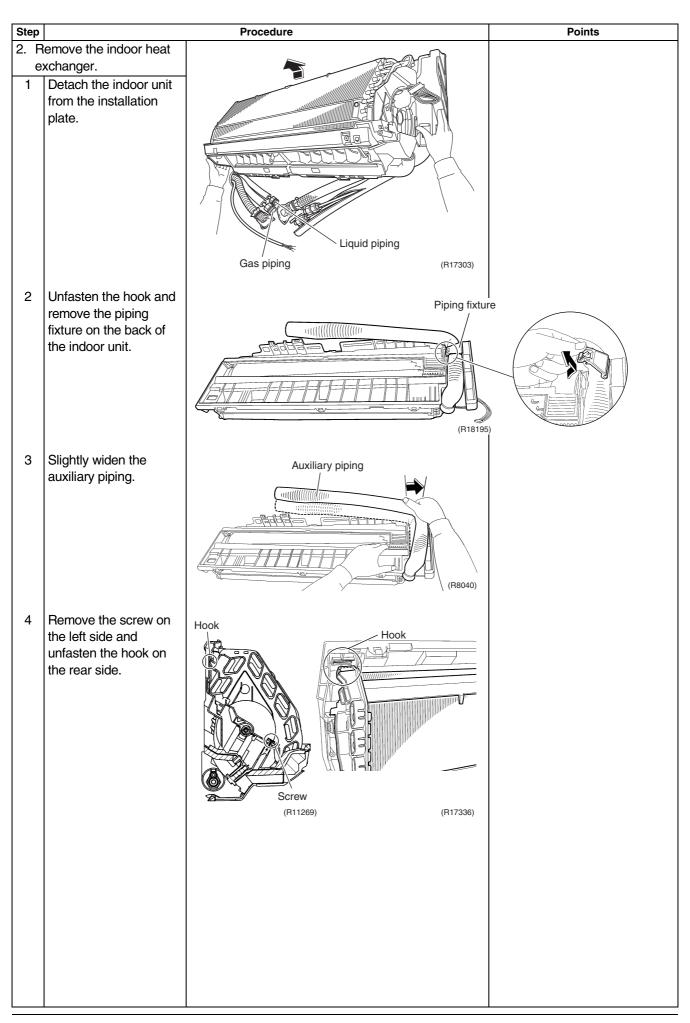
Warning

- Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.
- In pump-down work, be sure to stop the compressor before disconnecting the refrigerant pipe. If the refrigerant pipe is disconnected with the compressor operating and the stop valve open, air may be sucked in and may generate an over-pressure in refrigeration cycle, thus resulting in pipe rupture or accidental injury.
- When removing or reinstalling the indoor heat exchanger, be sure to wear gloves or wrap the indoor heat exchanger with cloths. (You may be injured by the fins.)

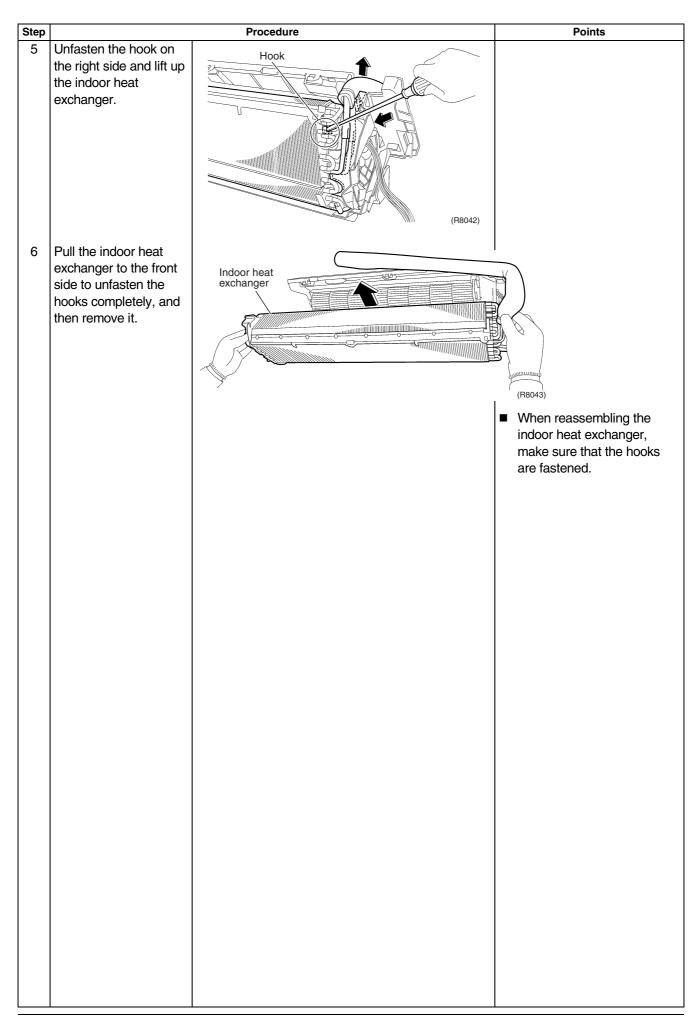


- Be sure to conduct pump down operation before disassembling the refrigerant pipe.
- If the refrigerant leaks, repair the spot of leaking, then collect all refrigerant from the unit. After conducting vacuum drying, recharge proper amount of refrigerant.
- From the viewpoint of global environmental protection, make sure to use a vacuum pump for air purging.





Indoor Heat Exchanger Si041264EC



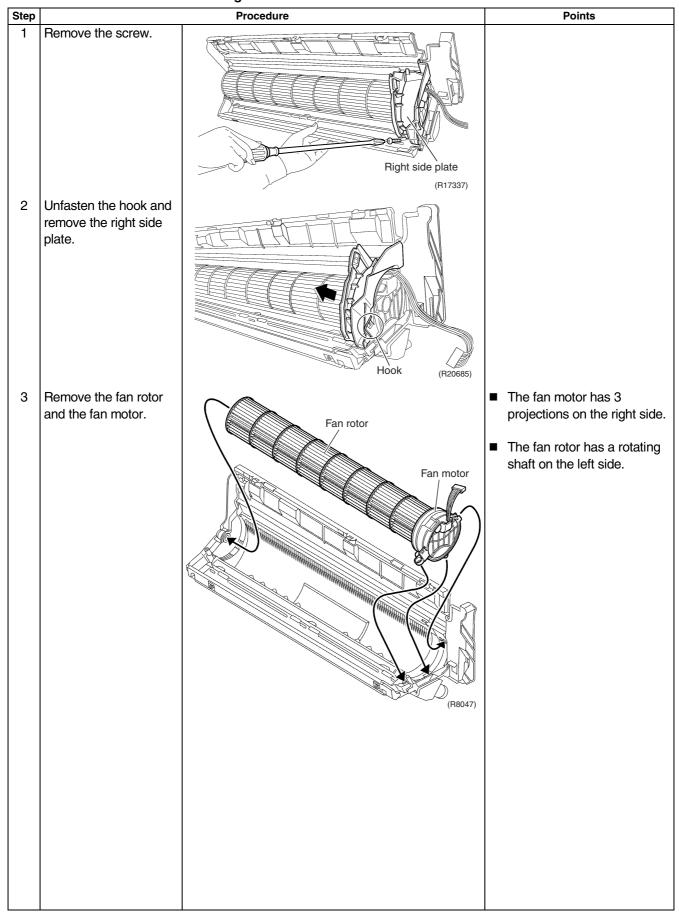
Si041264EC Fan Rotor / Fan Motor

8. Fan Rotor / Fan Motor

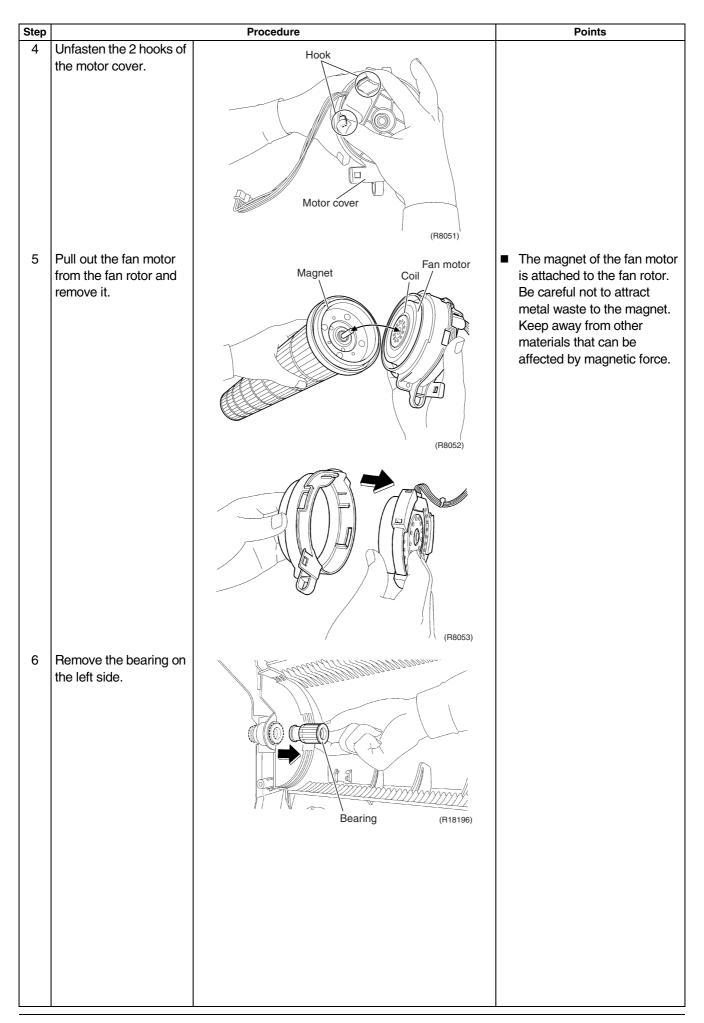


Warning

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



Fan Rotor / Fan Motor Si041264EC



Revision History

Month / Year	Version	Revised contents
12 / 2012	Si041264	First edition
07 / 2014	Si041264EA	Model addition: FTKC09/12NV2S, FTKC25/35NVM, FTKC15/20/25/35NVM4 FTKC25/35NVMM, FTKC25/35NVMV
08 / 2015	Si041264EB	Model addition: FTKC09/12PV2S, FTKC15/20/25/35PVM, FTKC15/20/25/35PVM4, FTKC25/35PVMM, FTKC20/25/35PVMV, FTXM20/25/35HVMV, FTXP20/25/30HVLT
04 / 2016	Si041264EC	Model addition: ATKC09/12RV2S



- 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.

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/products/ac/

@All rights reserved