



2.0/2.5/3.5 kW Class 9000/13000 Btu/h Class









Service Manual Removal Procedure

Indoor Unit

FTKV35NVM4 FTKV25NVMM FTKV35NVMW FTKV25NVMV

● Cooling Only		●Heat Pump
FTKD25GVM9	ATM09MV2S	FTXD25DVMV
FTKD35GVM9	ATM13MV2S	FTXD35DVMV
FTKD25GVMV	71111101111120	TIMBOODTIIIT
FTKD35GVMV	FTE25KV19	FTXD25HVMV
	FTE35KV19	FTXD35HVMV
FTKD25HVMV		
FTKD35HVMV	FTM25JV14	FTXS25EVMV
	FTM35JV14	FTXS35EVMV
FTKS25DVM		
FTKS35DVM	FTM25KV1V	FTXS25GVMV
	FTM35KV1V	FTXS35GVMV
FTKS25EVMV		
FTKS35EVMV	FTM09NV2S	FTXS25KVM
	FTM13NV2S	FTXS35KVM
FTKS25KVM		
FTKS35KVM	FTN25JV1G	
	FTN35JV1G	
FTKS25GVM4	FTN25JV1G9	
FTKS35GVM4	FTN35JV1G9	
FTKS25GVMV		
FTKS35GVMV	FTNE25LV1	
	FTNE35LV1	
FTKS25JVMG		
FTKS35JVMG	FTNE20MV1V9	
FTKS25JVMG9	FTNE25MV1V9	
FTKS35JVMG9	FTNE35MV1V9	
FTKV25NVM		
FTKV35NVM		
FTKV25NVM4		

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

Air Filters Si041251EC

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. R	emove the air filters. Open the front panel. Pull out the air filter downward and remove it.	Front panel Air filter (R17197)	Be sure to insert the hooks (at 2 lower positions) when	
a _l	emove the Titanium patite photocatalytic airurifying filters.	Air filter	mounting the air filter. The right and left filters are interchangeable.	
1	Remove the Titanium apatite photocatalytic air-purifying filter ASSY by unfastening the projections from the back of the air filter frame.	Air filter Projection Titanium apatite photocatalytic air-purifying filter ASSY (R17198)	■ Some models have an air purifying filter and a photocatalytic deodorizing filter instead of Titanium apatite photocatalytic airpurifying filters.	
2	Unfasten the 5 hooks and remove the Titanium apatite photocatalytic airpurifying filter from its frame.	(R13174)		

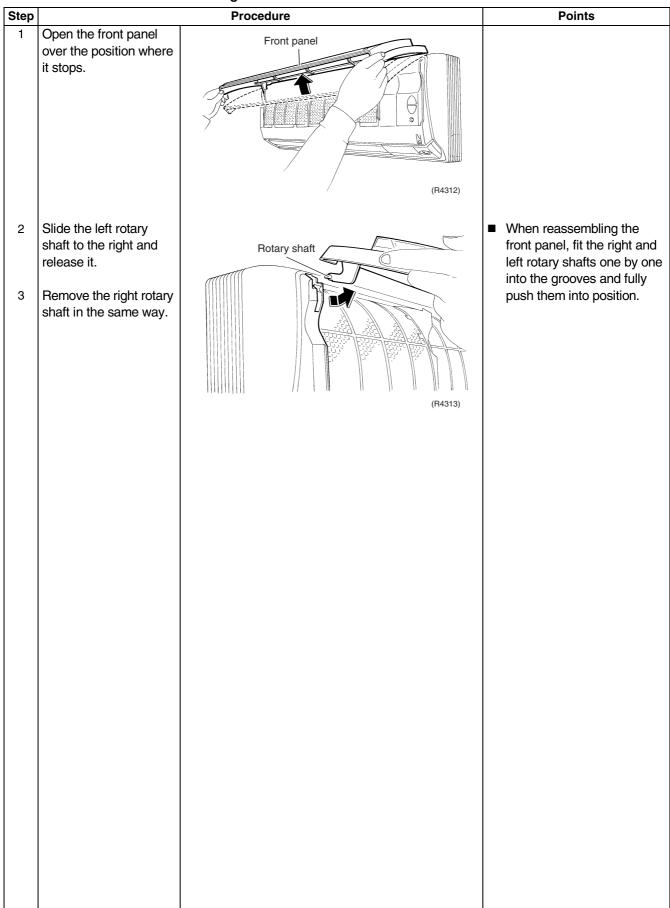
Si041251EC Front Panel

2. Front Panel



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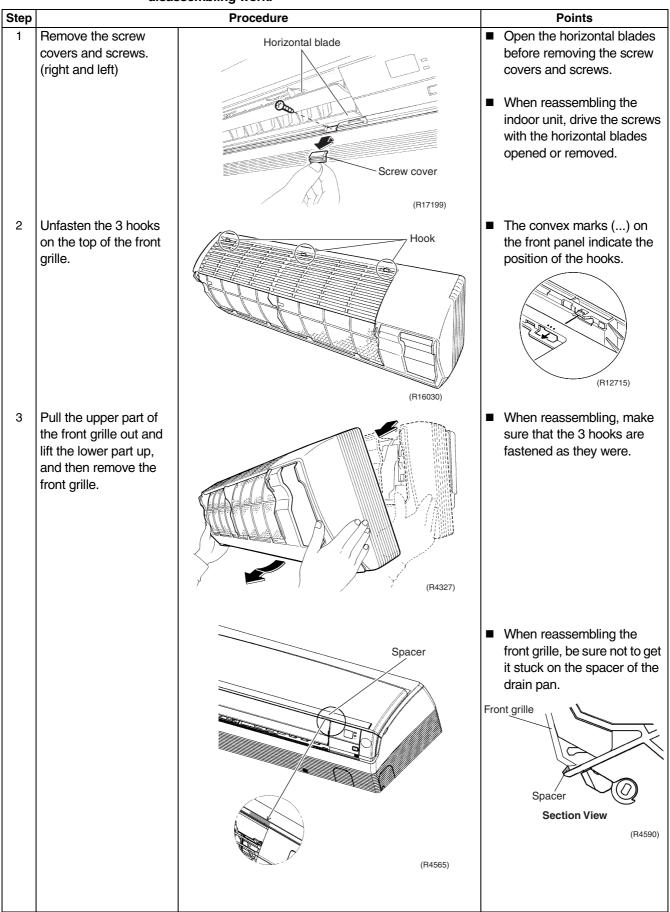
Front Grille Si041251EC

3. Front Grille



Warning

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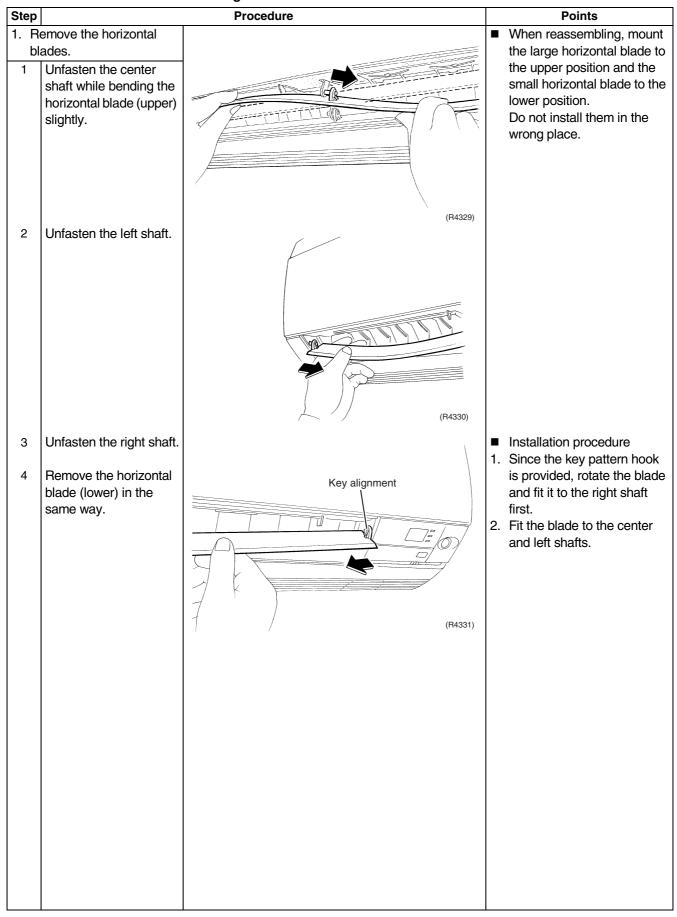


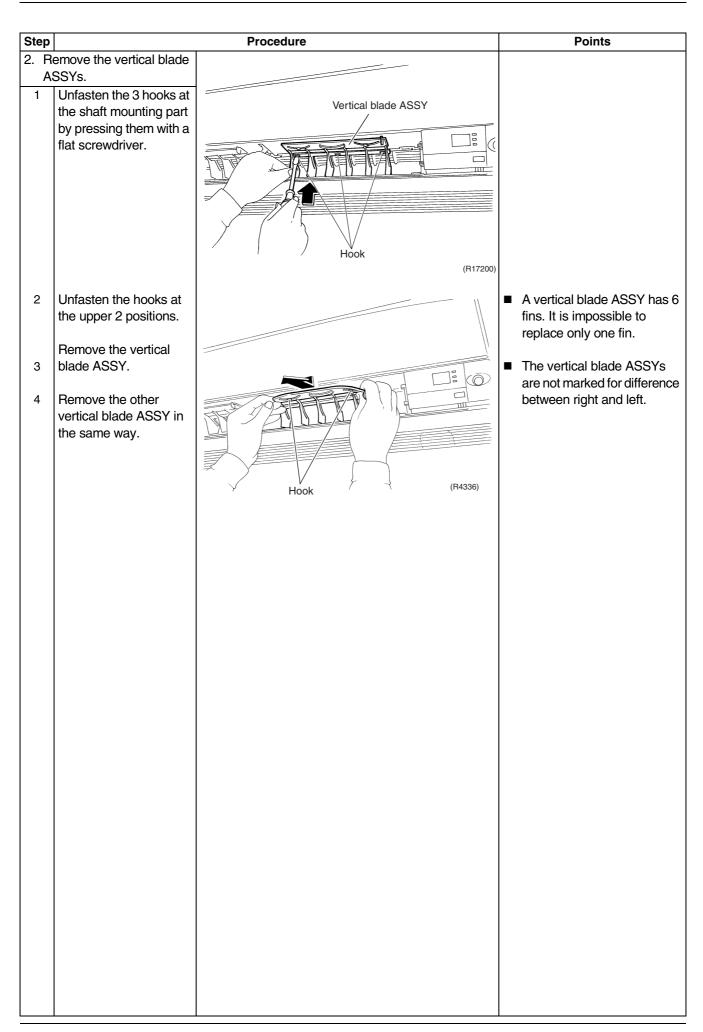
4. Horizontal Blades / Vertical Blade ASSYs



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Si041251EC **Electrical Box**

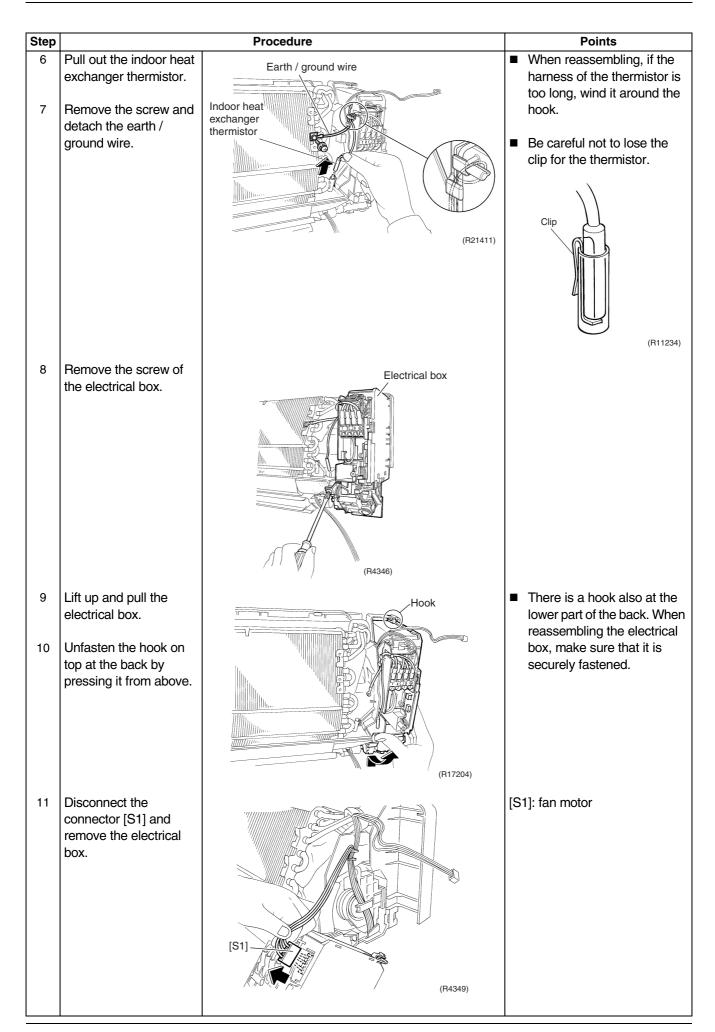
5. Electrical Box



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Step		Procedure	Points
1	Remove the screw of		
2	the wire fixture. Remove the 4 screws of the terminal board and disconnect the connecting wires.	Electrical box Terminal board Connecting wire Wire fixture	
3	Disconnect the connector [S6].	[S7] [S6]	[S6]: swing motor[S7]: AC fan motorPut any excess wires behind the power supply lead wire.
4	Disconnect the connector [S7].	(R17202)	■ DC fan motor models have no harness for [S7].
5	Remove the screw and remove the drip proof plate.	Drip proof plate (R4343)	

Electrical Box Si041251EC



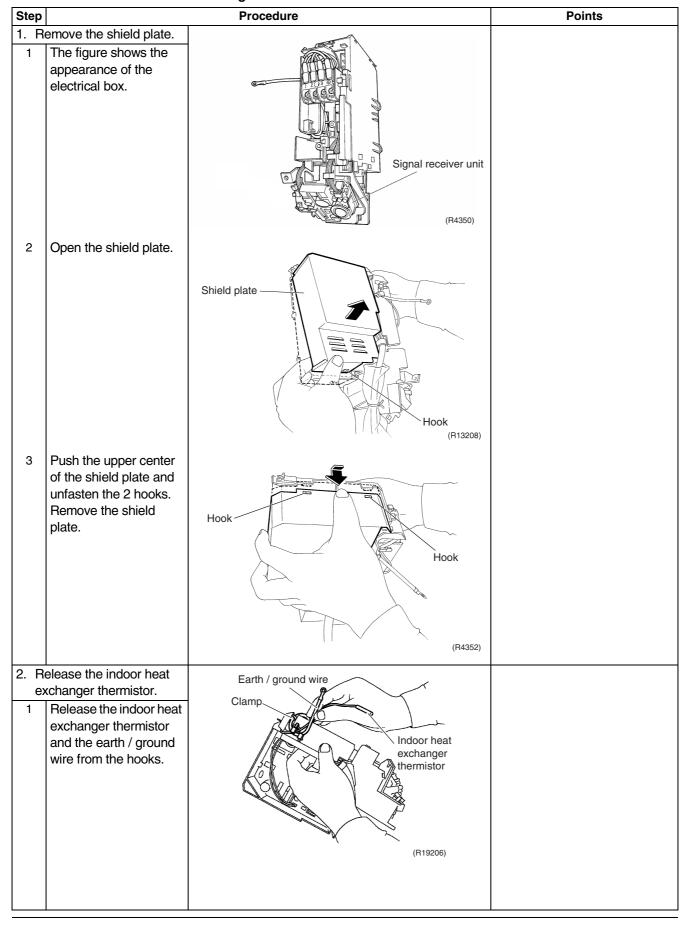
Si041251EC PCBs

6. PCBs

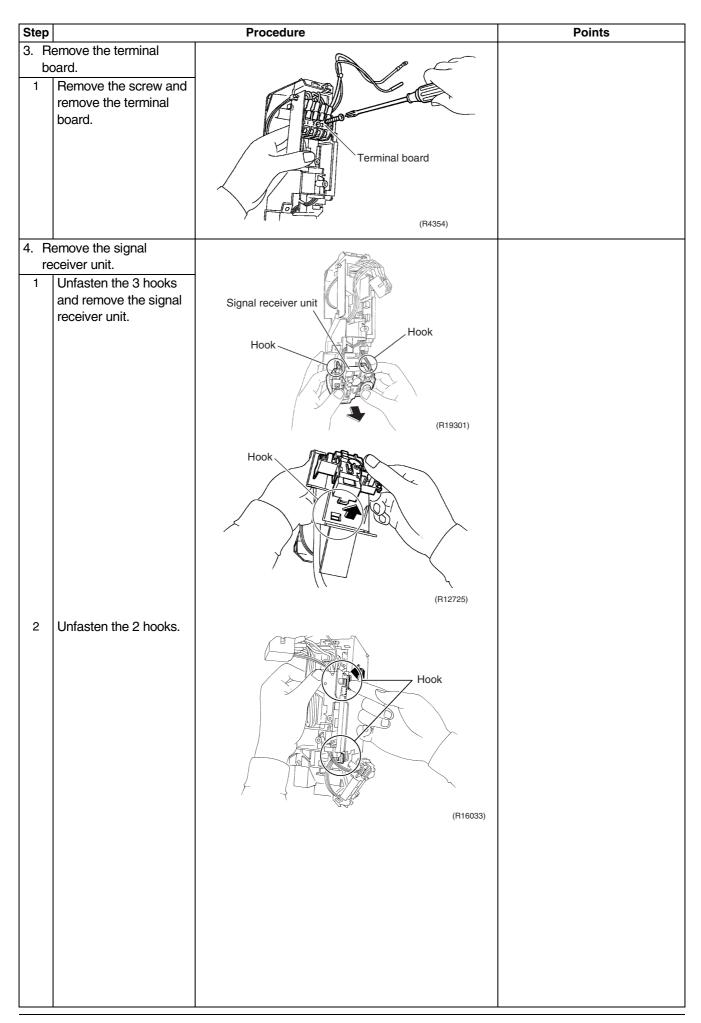


Warning

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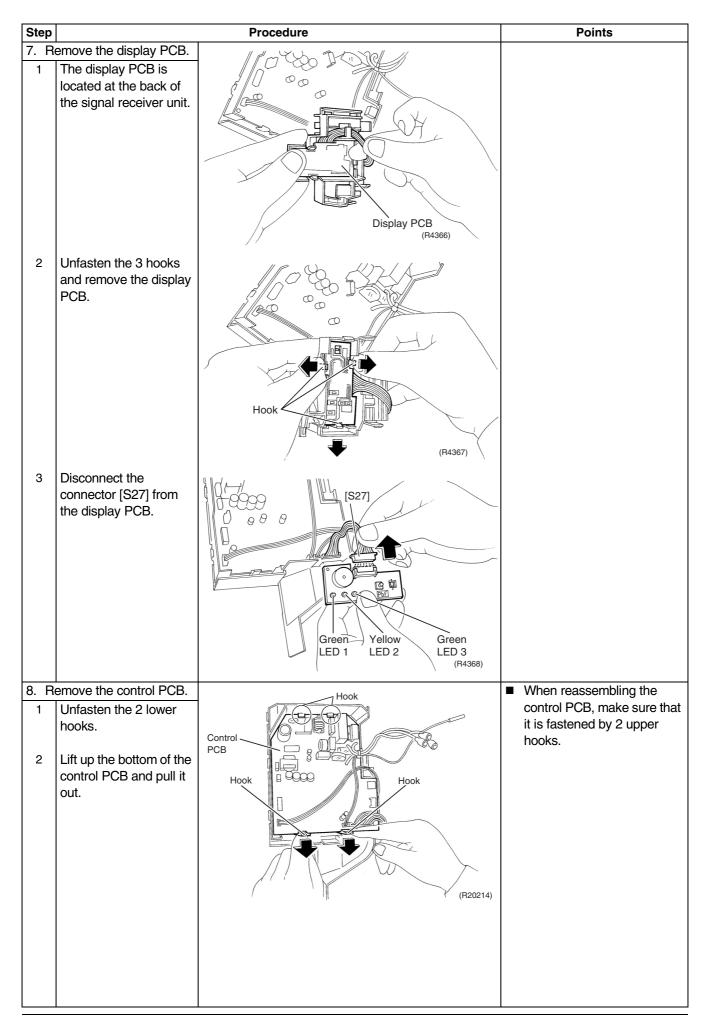
PCBs Si041251EC



Si041251EC PCBs

Step		Procedure	Points
3	Slide the electrical box	Electrical	. 5
	cover to the left and remove it.	box cover (R20213)	
	emove the signal	# 11 ## %	
re 1	ceiver PCB. Unfasten the 3 hooks		
'	and remove the signal	[S29]	
	receiver PCB.	Hook	
2	Disconnect the		
	connector [S29] from the signal receiver	Hook	
	PCB.	Hook	
		Signal receiver PCB	
6 D	emove the	(R17205)	■ Some models have no
١N	ITELLIGENT EYE		INTELLIGENT EYE sensor
1	ensor PCB. Remove the	INTELLIGENT EYE	PCB.
'	INTELLIGENT EYE	fixing plate	
	fixing plate by twisting it.		
		(R4363)	
2	Unfasten the 3 hooks		
	on the right and remove the INTELLIGENT EYE	[S36]	
	sensor PCB.		
	There are also 2 hooks on the left side.		
3	Disconnect the		
	connector [S36] from		
	the INTELLIGENT EYE sensor PCB.	INTELLIGENT EYE sensor PCB	
		(R17206)	

PCBs Si041251EC

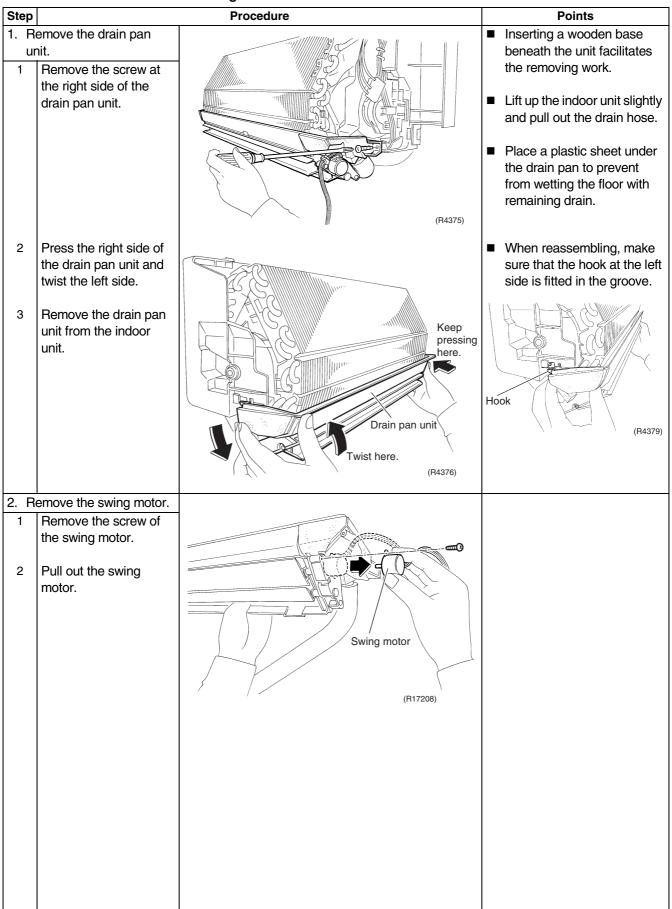


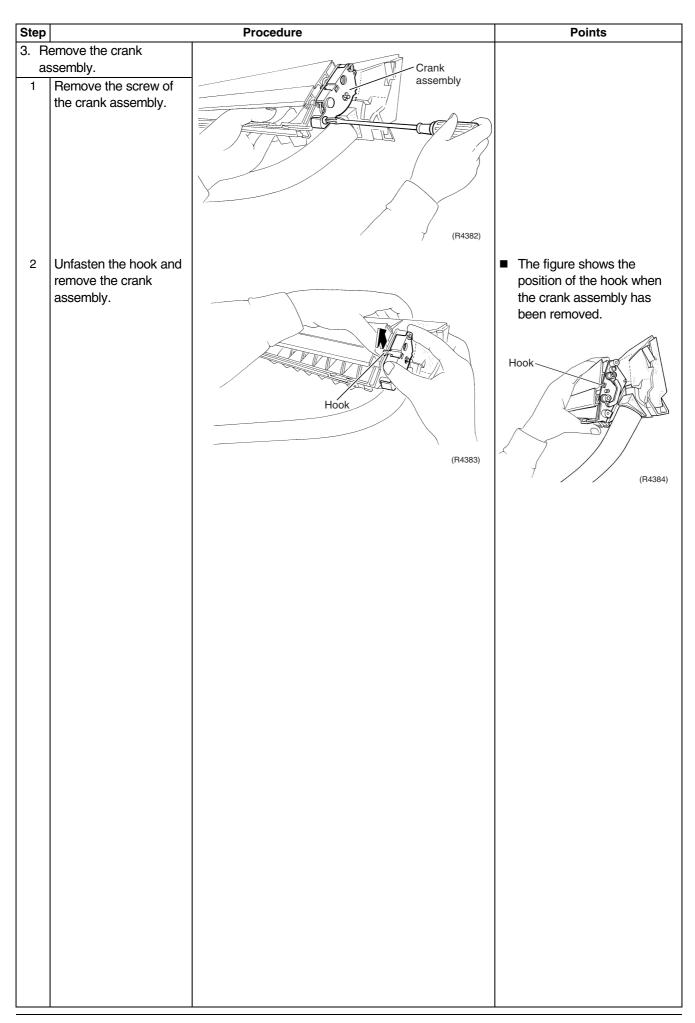
7. Drain Pan Unit / Swing Motor



Warning

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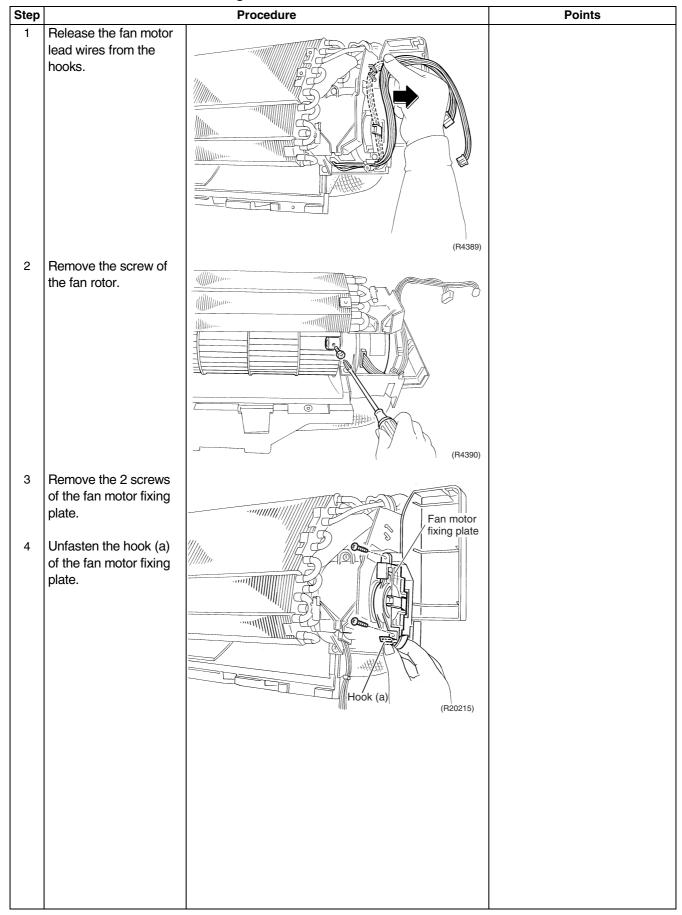
Si041251EC Fan Motor

8. Fan Motor

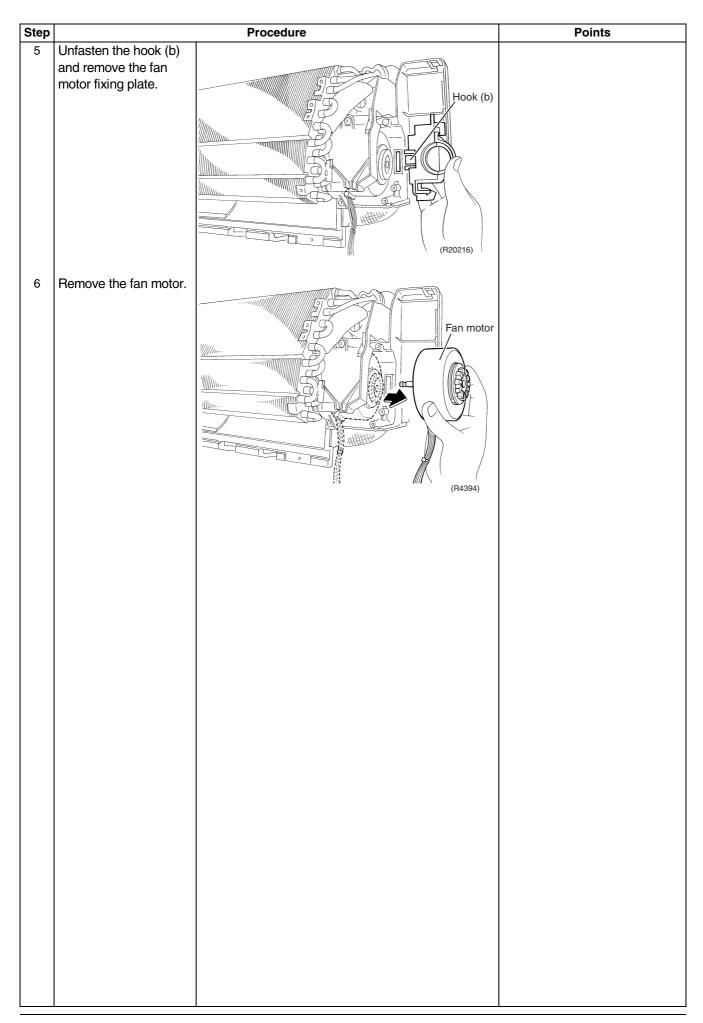


Warning

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Fan Motor Si041251EC



Si041251EC Indoor Heat Exchanger

9. Indoor Heat Exchanger



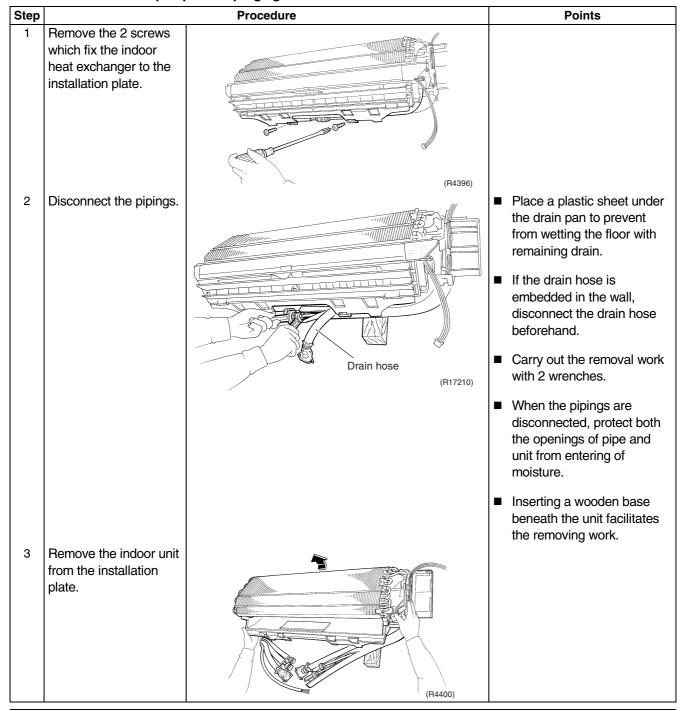
Warning

- 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.)

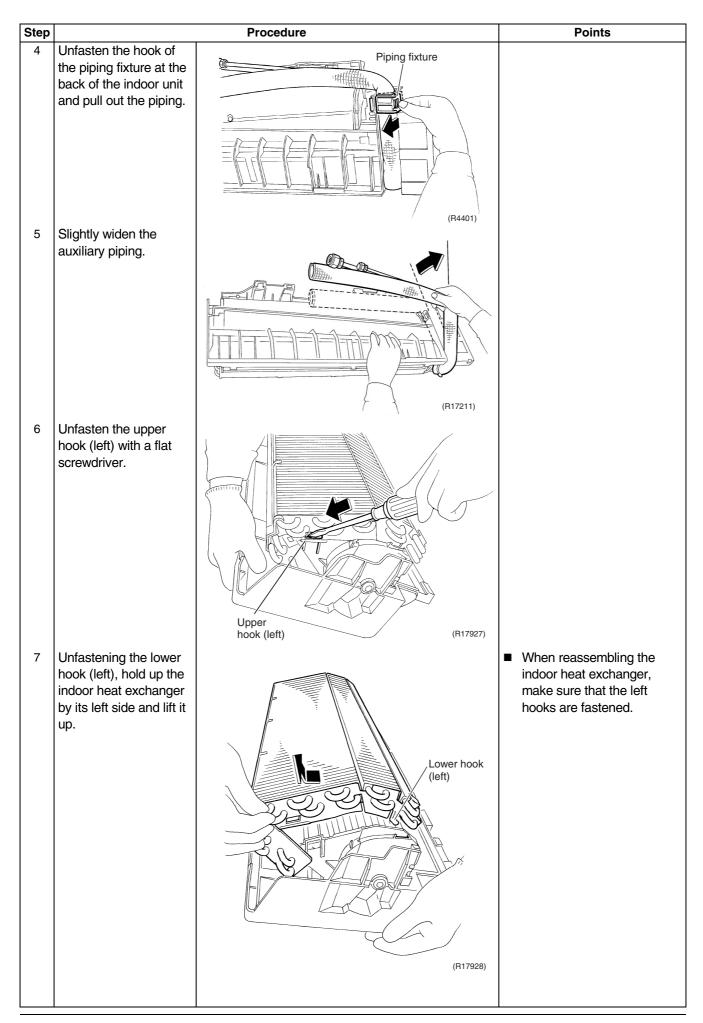


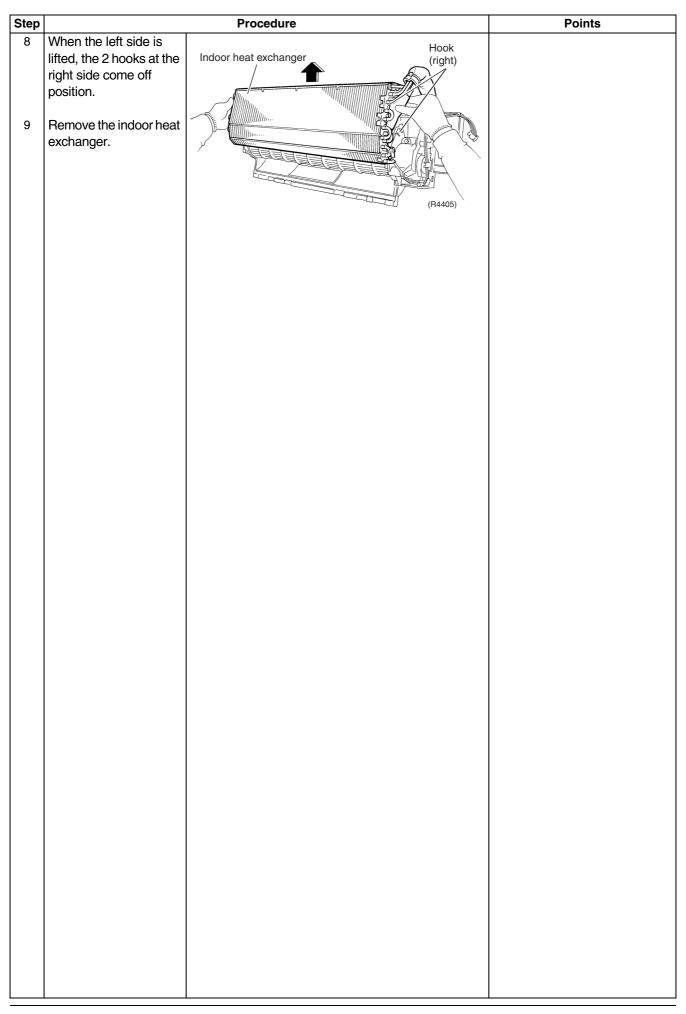
Caution

- 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 Si041251EC





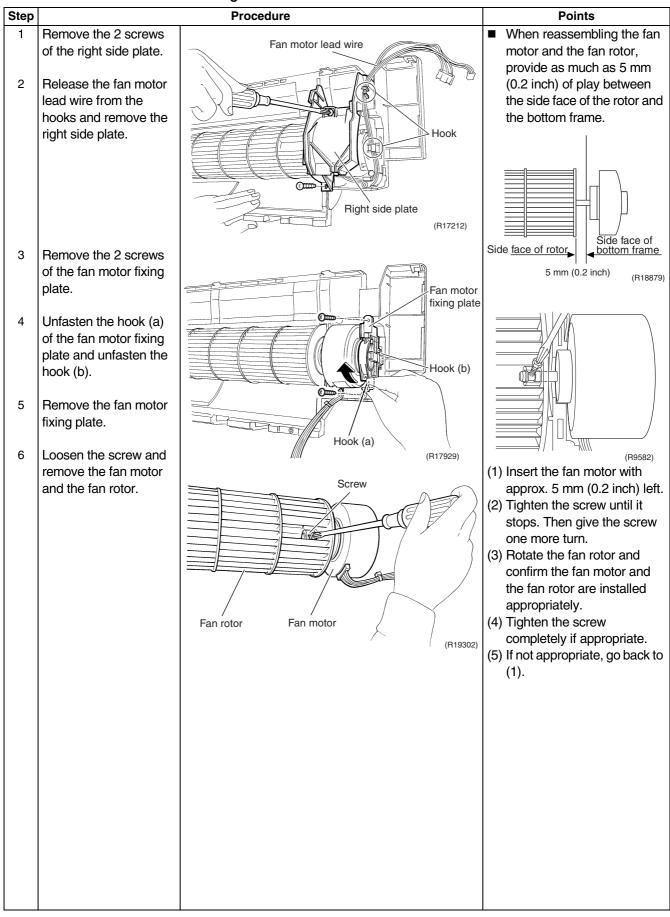
Fan Rotor Si041251EC

10.Fan Rotor

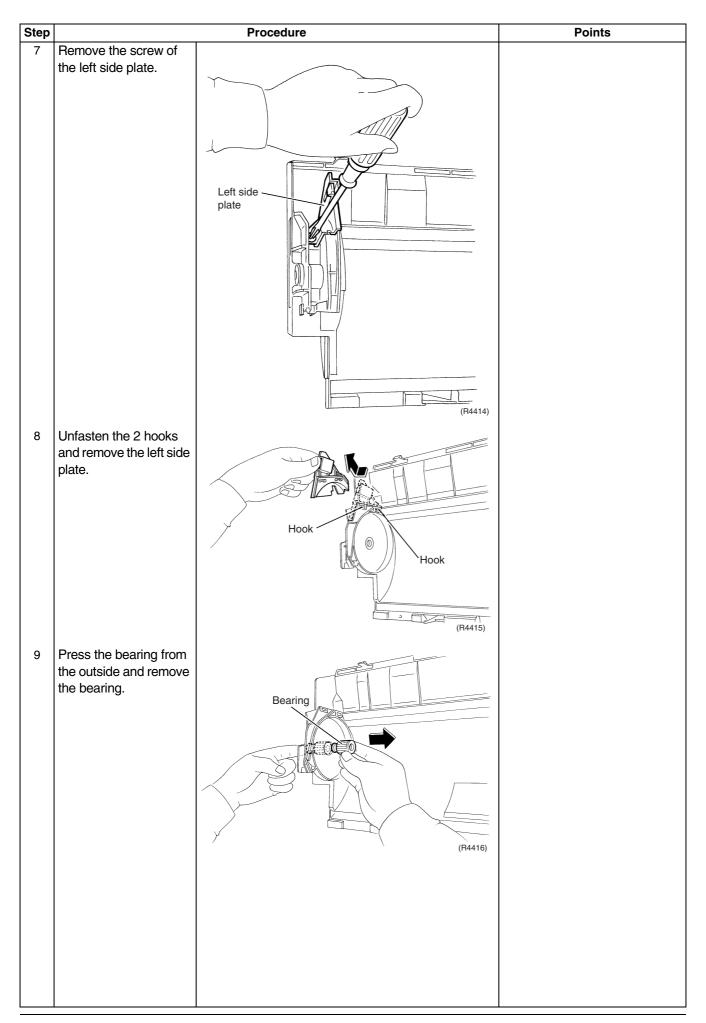


Warning

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



Si041251EC Fan Rotor



Revision History

Month / Year	Version	Revised contents
09 / 2012	Si041251	First edition
08 / 2013	Si041251EA	Model addition: FTKS25/35GVM4, FTKS25/35GVMV, FTKS25/35JVMG, FTN25/35JV1G, FTXD25/35HVMV
03 / 2014	Si041251EB	Model addition: FTKS25/35JVMG9, FTKD25/35HVMV, FTN25/35JV1G9, FTXS25/35GVMV
02 / 2015	Si041251EC	Model addition: FTKD25/35GVM9, FTKV25/35NVM, FTKV25/35NVM4, FTKV25/35NVMM, FTKV25/35NVMV, ATM09/13MV2S, FTE25/35KV19, FTM25/35JV14, FTM25/35KV1V, FTM09/13NV2S, FTNE25/35LV1, FTNE20/25/35MV1V9



- 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

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