

Si041254EE

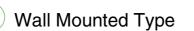


5.0/6.0/7.1 kW Class 15000/18000 Btu/h Class



Indoor Unit

Inverter / Non-Inverter





Service Manual Removal Procedure

Indoor Unit

•Cooling Only ATM18MV2S

FTE50KV19 FTE60KV19

FTM15NV2S FTM18NV2S

FTM50JV14

FTM50KV1V

FTN50JV1G FTN50JV1G9

FTNE50LV1 FTNE60LV1 FTNE50MV1 FTNE50MV14 FTNE60MV14 FTNE50MV18 FTNE60MV18 FTNE50MV1V FTNE60MV1V

FTKS50FVM FTKS60FVM FTKS71FVM

FTKS50FVMV FTKS60FVMV FTKS71FVMV

FTKS50KVM FTKS60KVM FTKS71KVM •Heat Pump FTX50GV1B FTX60GV1B FTX71GV1B

FTXD50FVMV FTXD60FVMV FTXD71FVMV

FTXD50HVMV FTXD60HVMV FTXD71HVMV

FTXS50FVMV FTXS60FVMV FTXS71FVMV

FTXS50GVMV FTXS60GVMV FTXS71GVMV

FTXS50KVM FTXS60KVM FTXS71KVM

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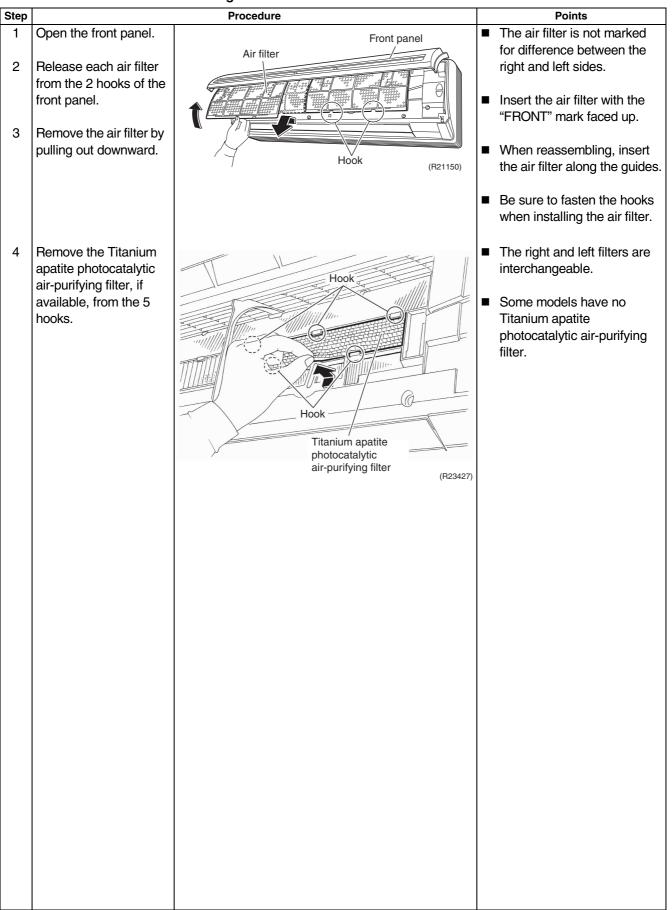


Note: • The illustrations may be slightly different depending on the model.

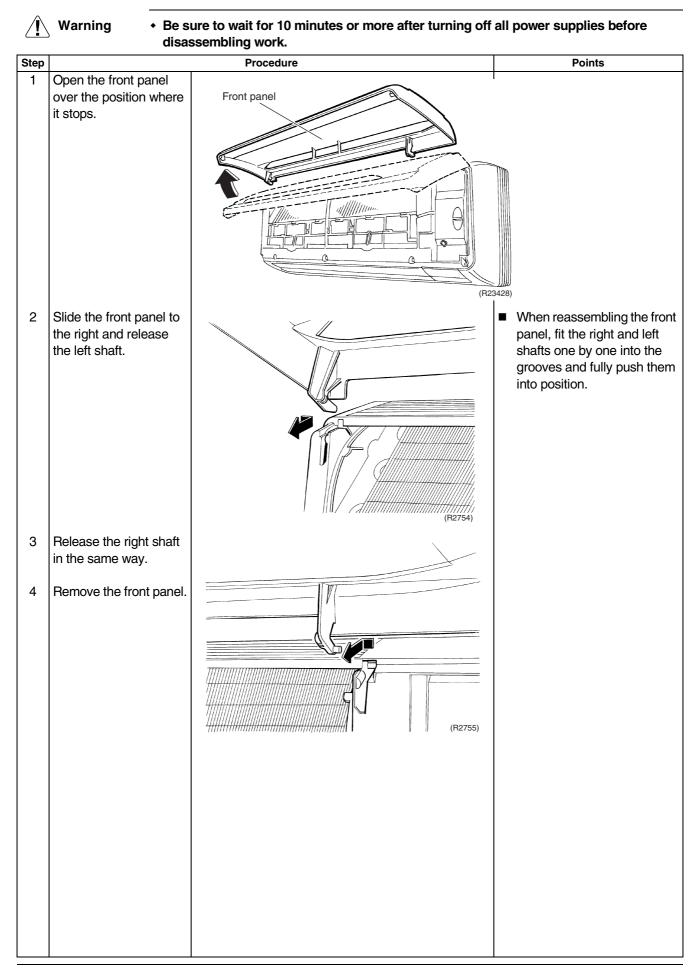
1. Air Filters

Warning

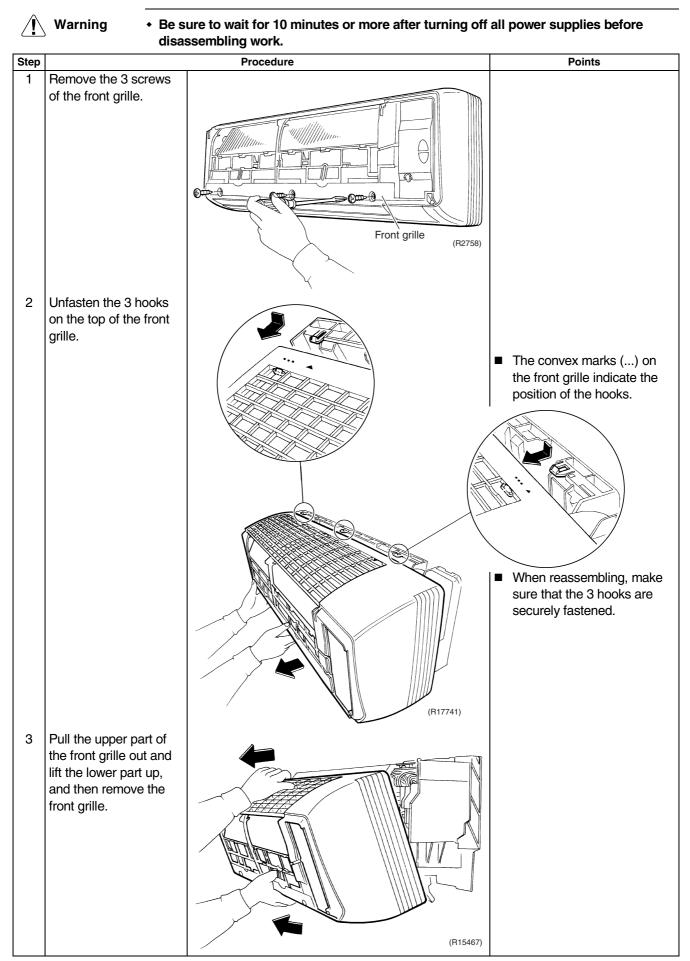
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



2. Front Panel



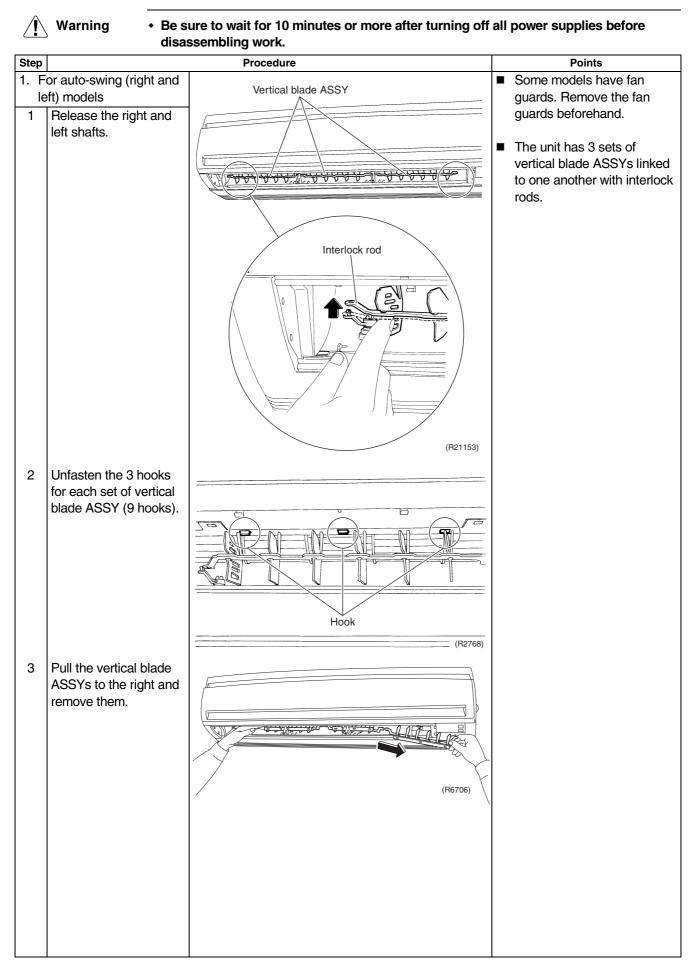
3. Front Grille



Warning • Be sure to wait for 10 minutes or more after turning off all power supplies before /ľ disassembling work. Step Procedure Points Bend the horizontal 1 ■ When reassembling, mount blade (lower) slightly the large horizontal blade to and release the 2 Center shaf the upper position and the center shafts. small horizontal blade to the lower position. 2 Release the left shaft. Horizontal blade (upper) Left shaft Horizontal blade (lower) (R21152) 3 Slide the horizontal Installation procedure blade (lower) to the left 1. Fit the horizontal blade to the and release the right right shaft first. Make sure to shaft. rotate the horizontal blade so the shaft fits correctly. Remove the horizontal 2. Fit the horizontal blade to the 4 blade (upper) in the center and left shafts. Right shaft same way. Œ (R2766)

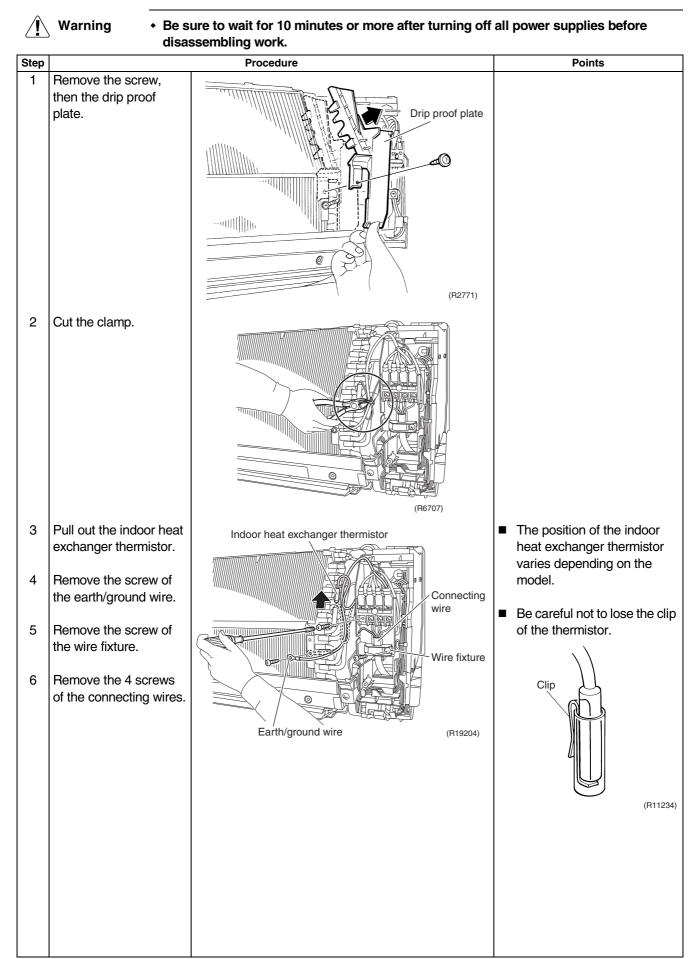
4. Horizontal Blades

5. Vertical Blade ASSYs



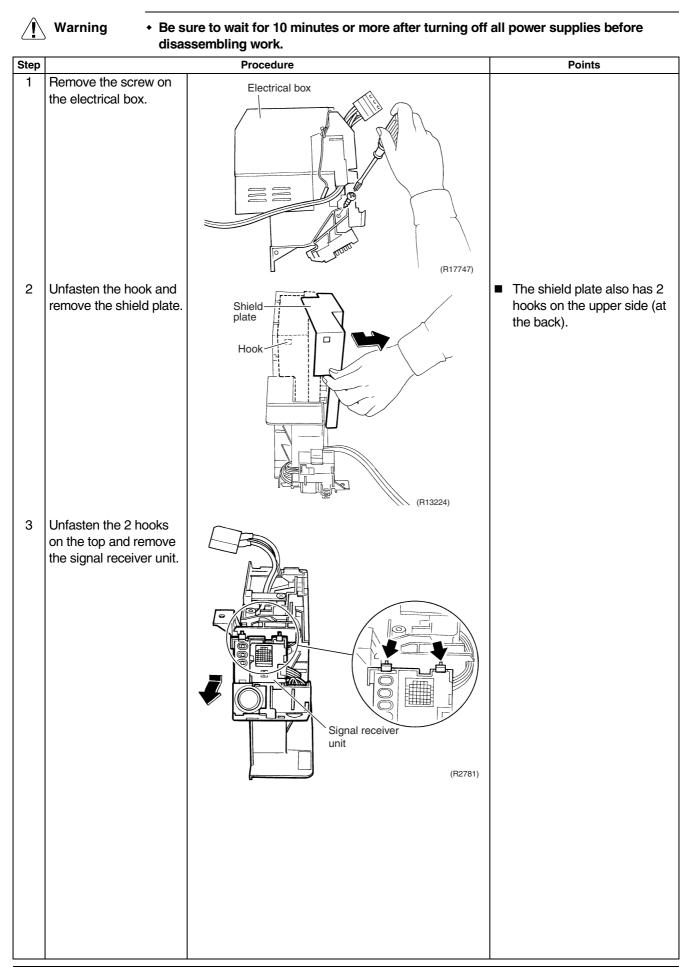
Step		Procedure	Points
	or models without auto-	Hook	Each vertical blade ASSY
S	wing (right and left)		has 5 or 6 fins which can not
1	Unfasten the hooks at the upper 2 positions.	Vertical blade ASSY (R18194)	 be replaced individually. The vertical blade ASSY is not marked for difference between right and left.
2	Unfasten the 3 hooks of the vertical blade ASSY by pressing them with a flat screwdriver.		
3	Remove the vertical blade ASSY.		
4	Remove the other vertical blade ASSY in the same way.	Hook	
		(R8022)	
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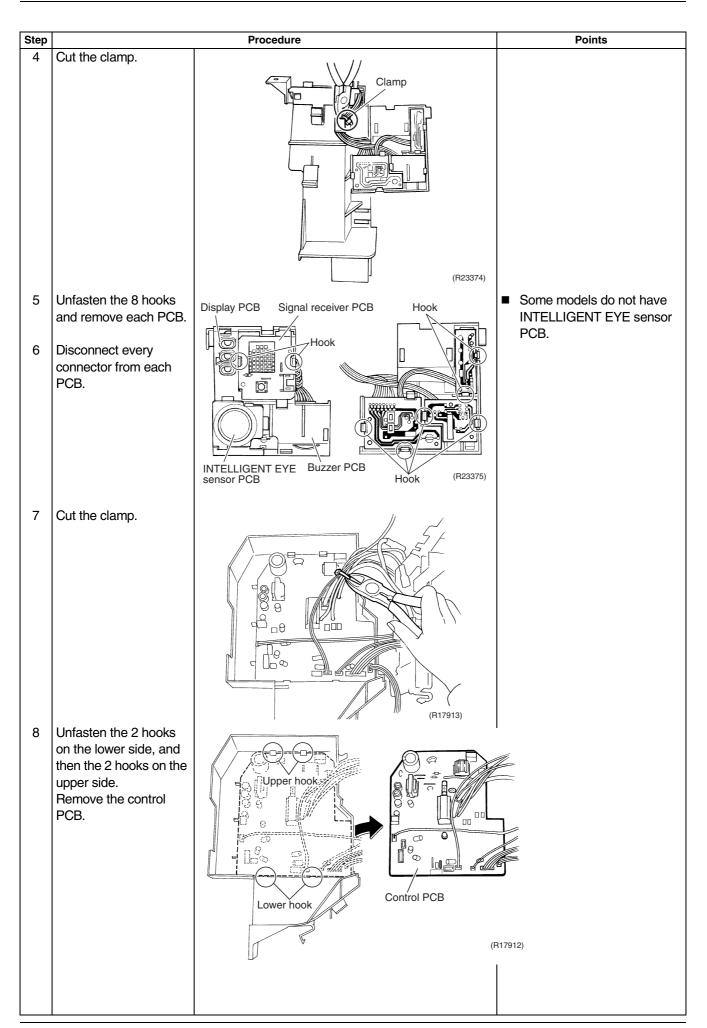
6. Electrical Box



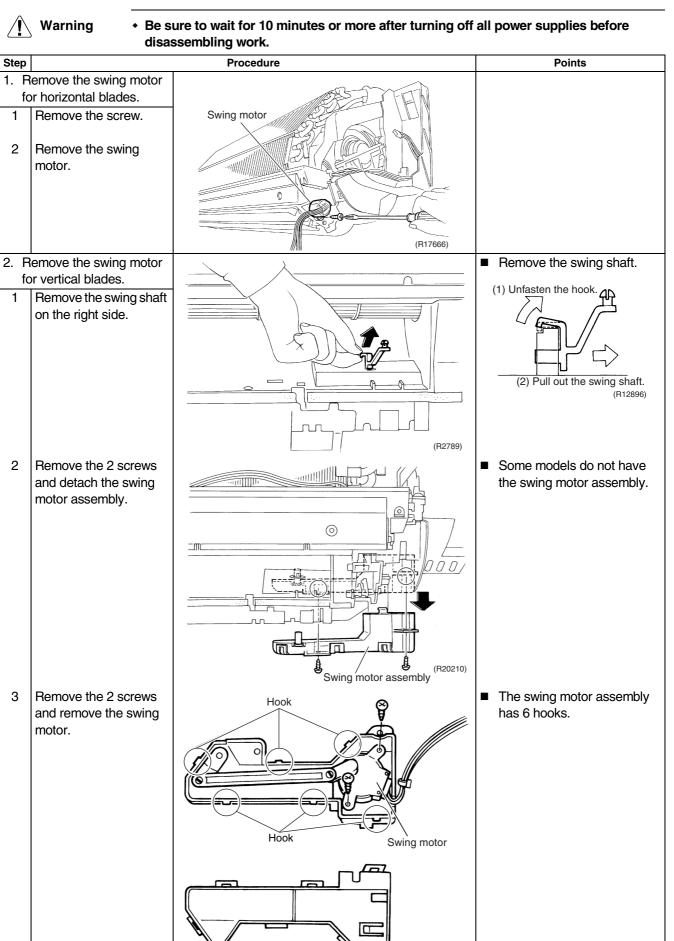
Step		Procedure	Points
7	Disconnect the	-5	[S1]: fan motor
	connector [S1].	[S1]	
8	Disconnect the		[S6]: swing motor for horizontal
	connectors [S6] and [S8].	[S6]	 blades [S8]: swing motor for vertical blades Some models do not have the harness for [S8].
9	Remove the screw of		
	the electrical box.		Electrical box
10	Unfasten the hook at the back of the electrical box.	Hook	
11	Pull out the electrical box.	(R1765)	When reassembling, make sure that the hook at the back of the electrical box is fastened.

7. PCBs





8. Swing Motors



(R2792)

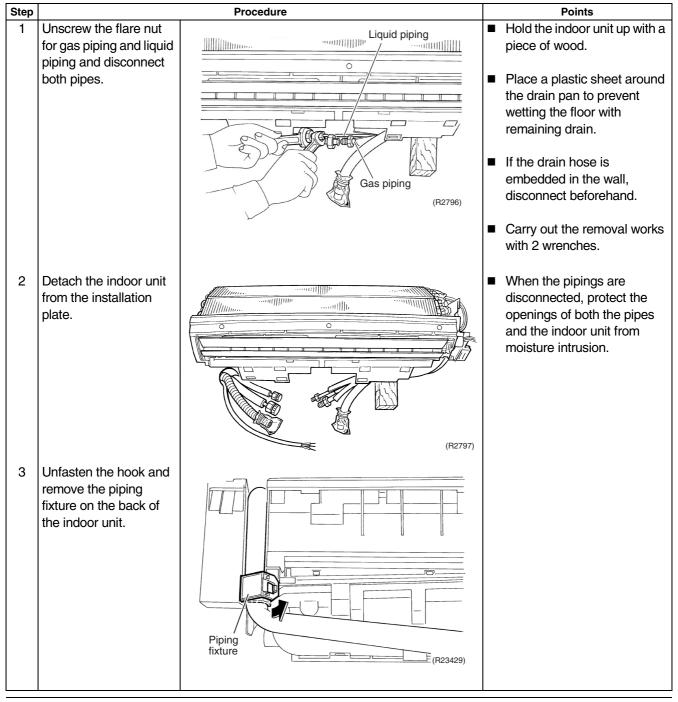
9. Indoor Heat Exchanger

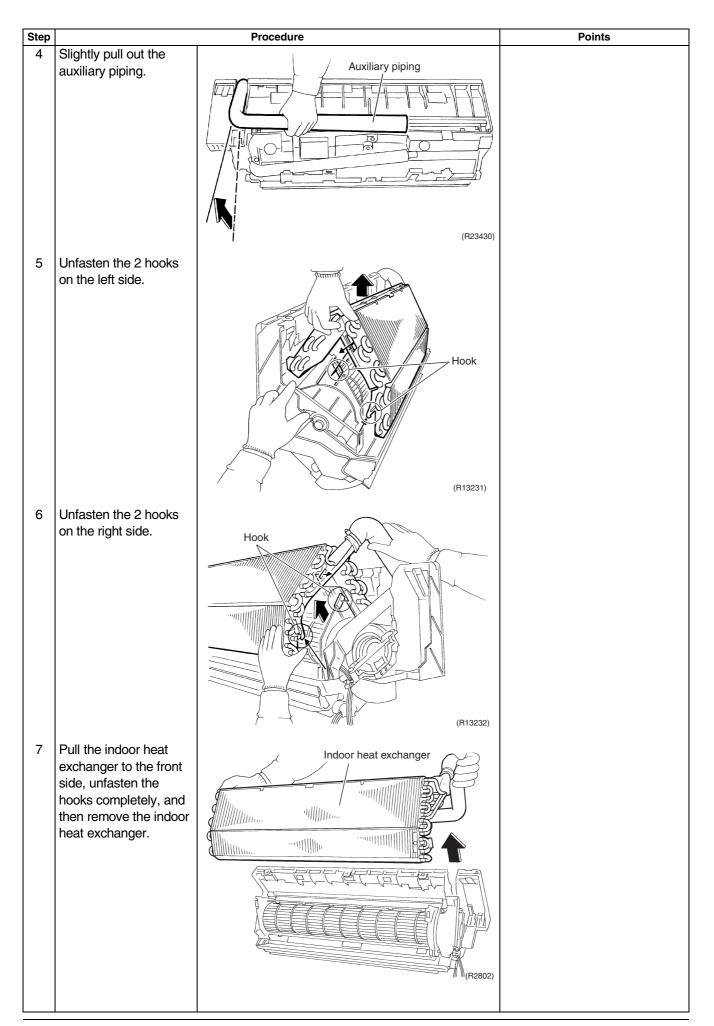
Warning

- 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.)

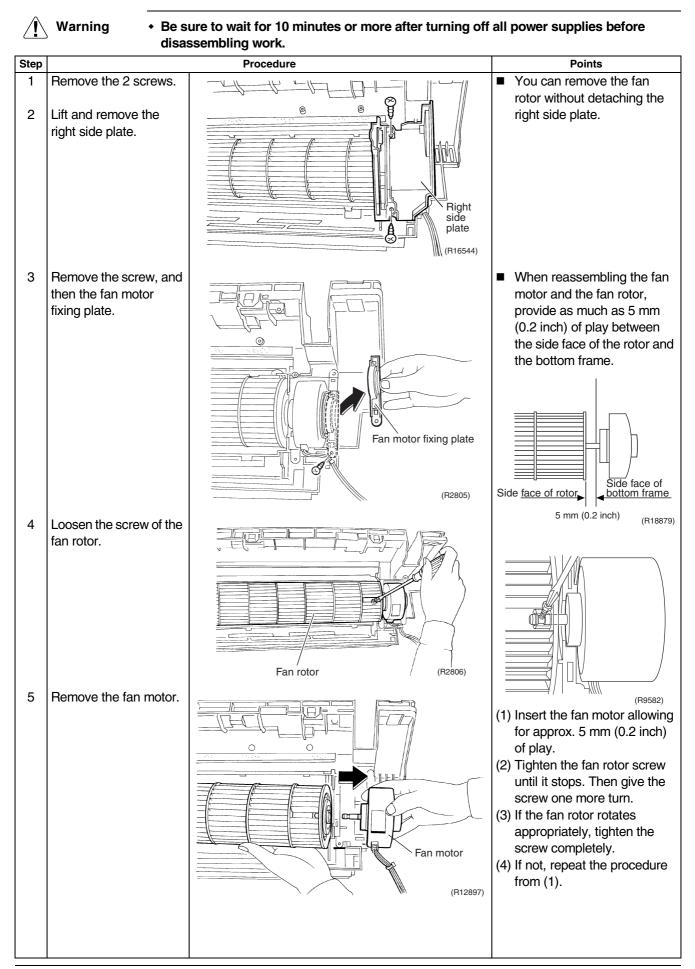
Caution

- 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.





10.Fan Motor / Fan Rotor



Step		Procedure	Points
6	Remove the fan rotor.	Fan rotor	
7		(R2809)	
7	Remove the 2 screws, and then the left side plate.	Left side plate	
8	Remove the rubber bearing by pushing inward.	Bearing (R2811)	

Revision History

Month / Year	Version	Revised contents
09 / 2012	Si041254	First edition
11 / 2012	Si041254_A	Model addition: FTX50/60/71GV1B
08 / 2013	Si041254EB	Model addition: FTN50JV1G, FTXD50/60/71HVMV
03 / 2014	Si041254EC	Model addition: FTN50JV1G9, FTXS50/60/71GVMV
12 / 2014	Si041254ED	Model addition: FTE50/60KV19, ATM18MV2S, FTM15/18NV2S, FTM50KV1V, FTM50JV14, FTNE50/60LV1, FTNE50/60MV1, FTNE50/60MV14, FTNE50/60MV1V
05 / 2016	Si041254EE	Model addition: FTNE50/60MV18



- 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

Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
 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