

Si041048



2.5/3.5/4.0 kW Class 9000/12000 Btu/h Class



- Indoor Unit
- Inverter/Non-Inverter
- Wall Mounted Type



Service Manual Removal Procedure

Indoor Unit

•Cooling Only FT25GV1G6 FT35GV1G6

FTE09LV2S FTE12LV2S

FTE25KV16 FTE35KV16

FTK40JVLT

FTWN25JV1 FTWN35JV1 Heat Pump
 FTX40JVLT

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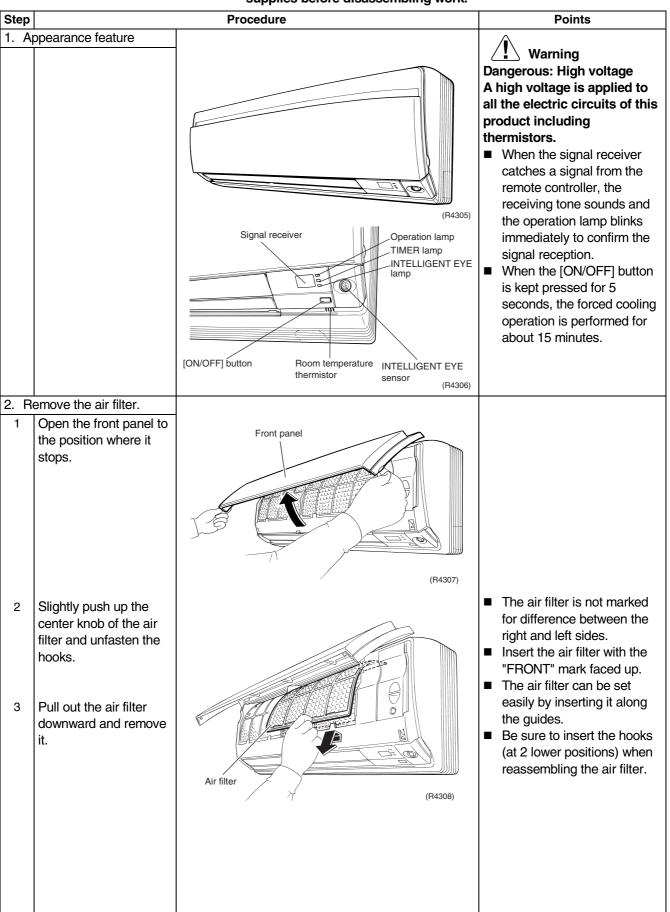
The illustrations may be slightly different depending on the model.

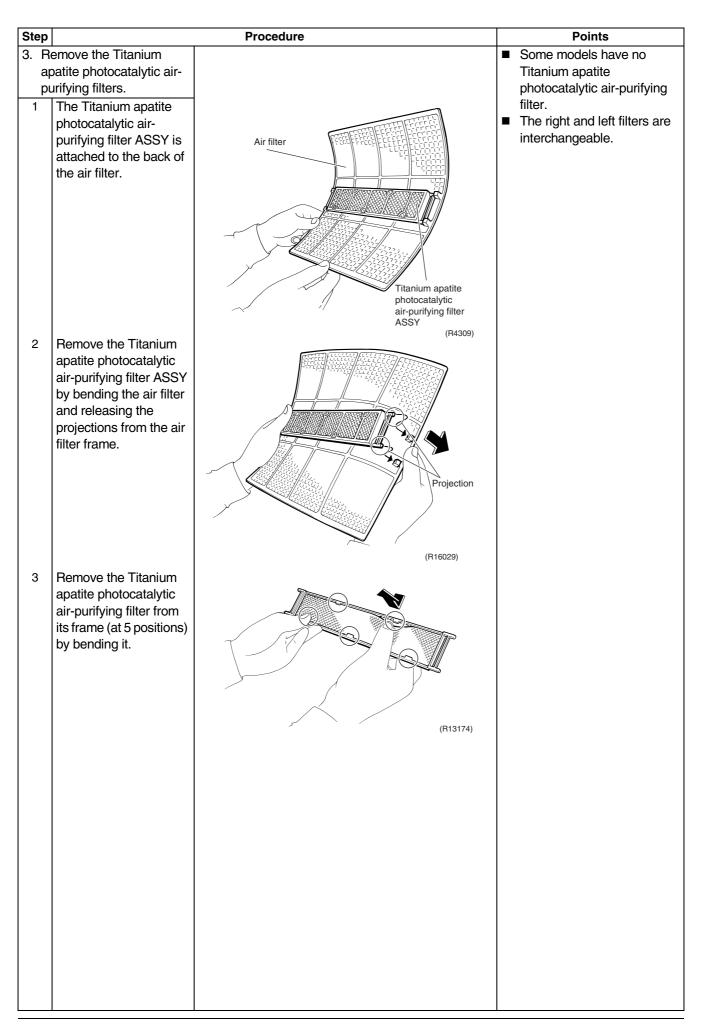
1. Removal of Air Filters

Procedure

Varning

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

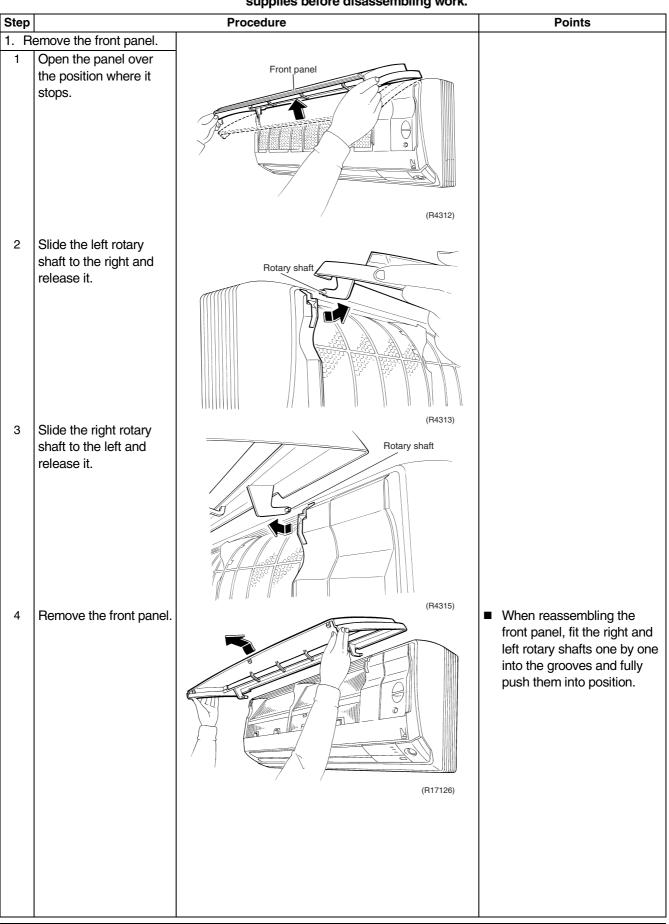




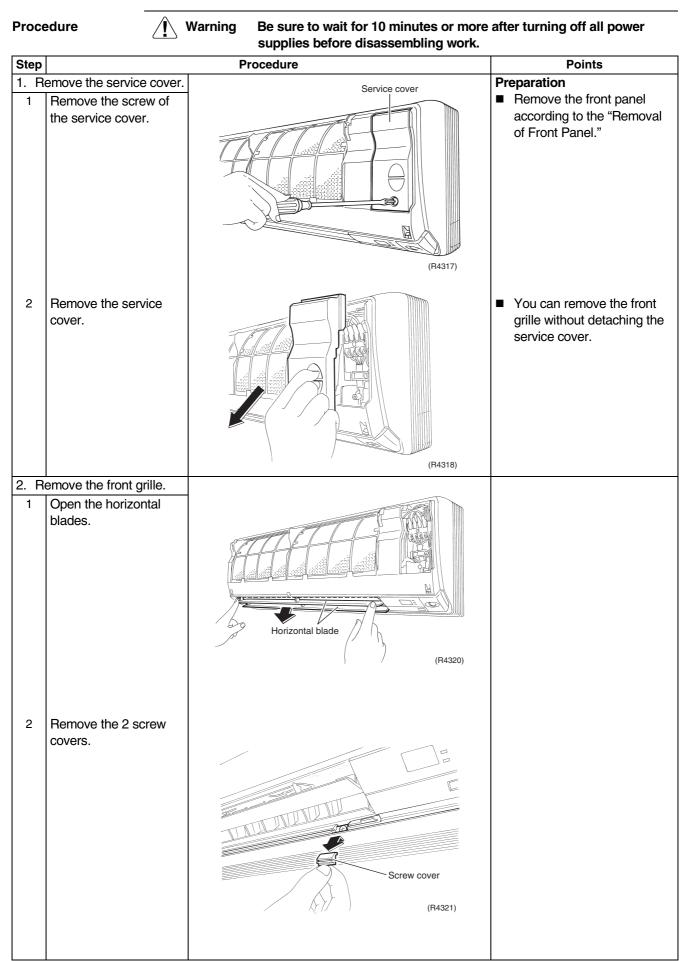
2. Removal of Front Panel

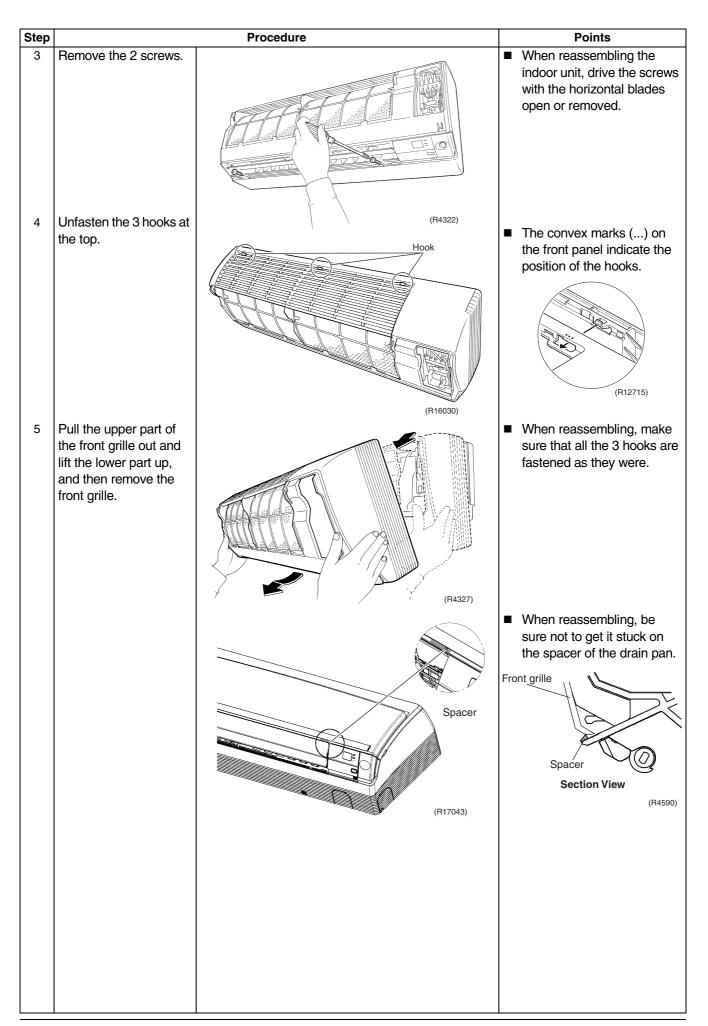


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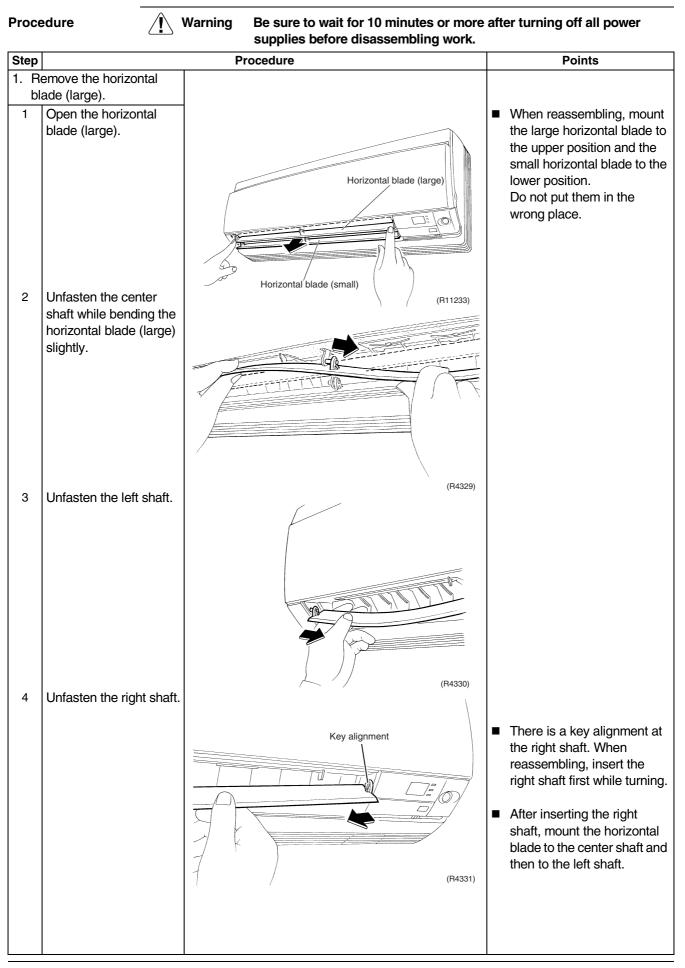


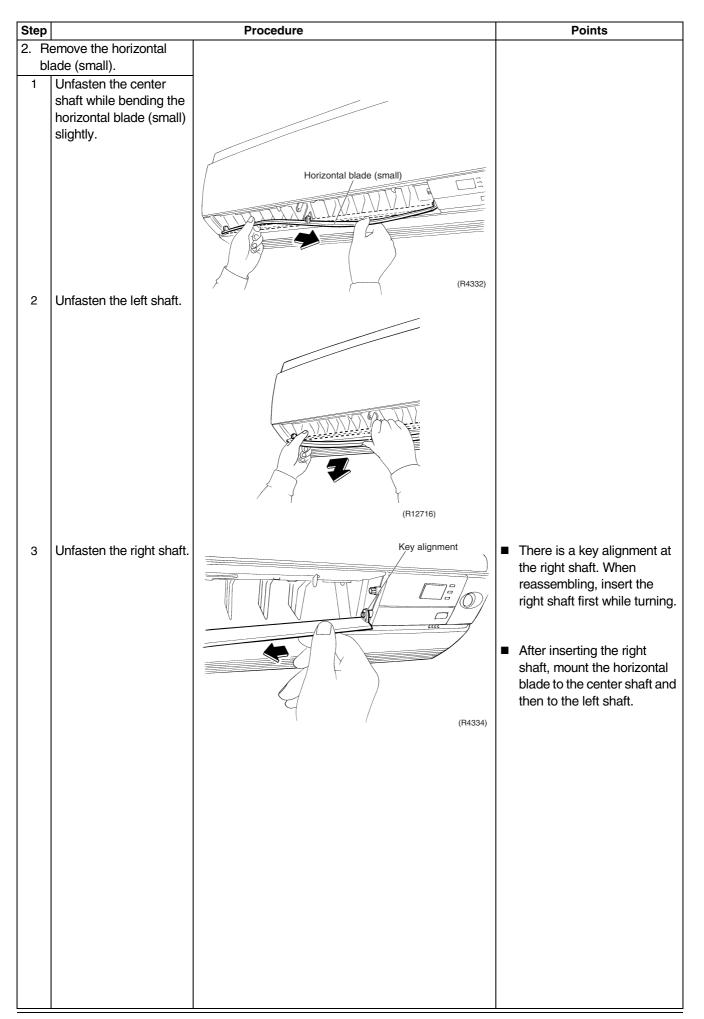
3. Removal of Front Grille





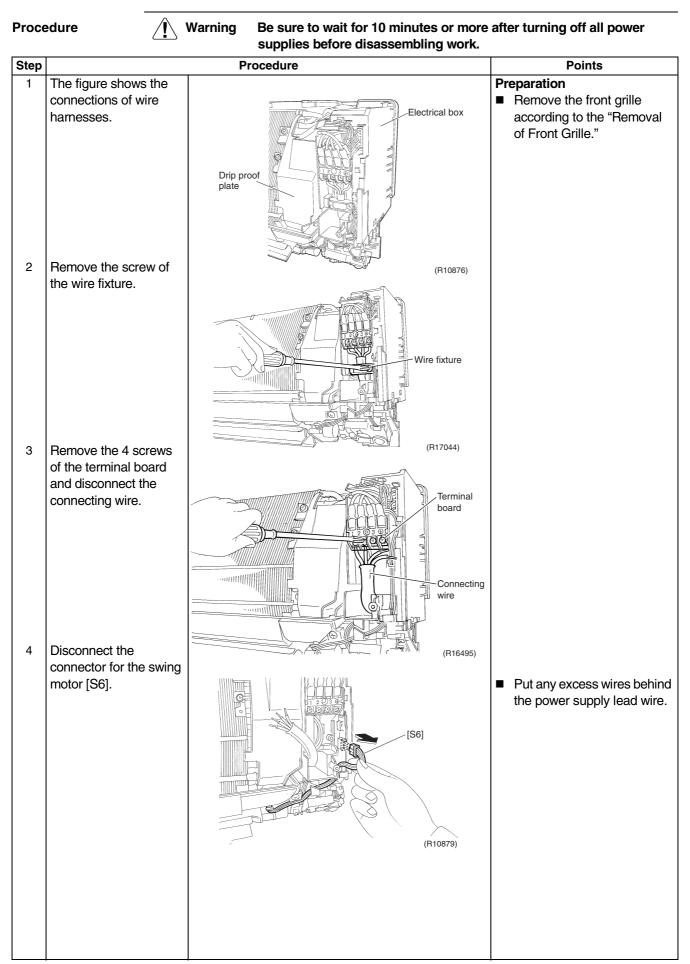
4. Removal of Horizontal Blades / Vertical Blades





Step		Procedure	Points
	emove the vertical blade		
A	SSY.		
1	Unfasten the 3 hooks at the shaft mounting part by pressing them with a flat screwdriver.		
		Hook (R435)	
2	Unfasten the hooks at the upper 2 positions.		
		Hook (R4336)	
3	Remove the vertical blade ASSY.	Vertical blade ASSY (R12546)	 A vertical blade ASSY has 6 fins. It is impossible to replace only one fin. The vertical blade ASSY is not marked for difference between right and left.

5. Removal of Electrical Box



Step		Procedure	Points
5	Disconnect the		Some models have no
	connector for the fan motor [S7].	[S7] [S7] [S1] [R11470]	harness for [S7].
6	Remove the screw and remove the drip proof plate.	Drip proof plate (R10880)	
7	Pull out the indoor heat exchanger thermistor.	Indoor heat exchanger thermistor	 Be careful not to lose the clip for the thermistor.
8	Remove the screw of the earth wire.	(R17236)	(R11234)

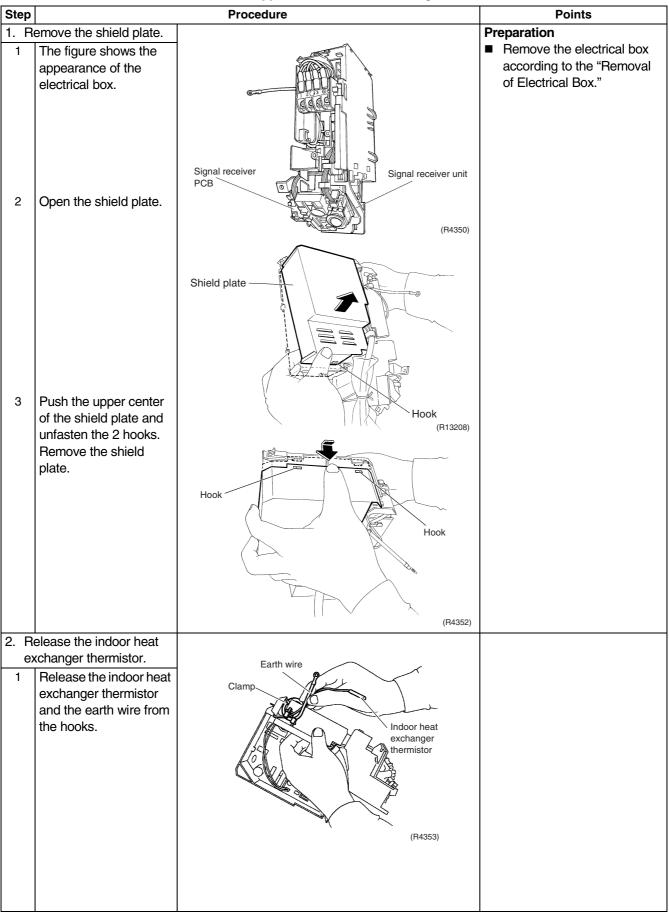
Step		Procedure	Points
9	Remove the screw of	Electrical box	
	the electrical box.	(P4346)	
10	Lift up and pull the electrical box.		 There is a hook also at the
11	Unfasten the hook at the upper far side by pressing it from above.	Hook Hook CR10883)	lower part of the back. When reassembling the electrical box, make sure that it is securely fastened.
12	Disconnect the connector for the fan motor [S1] and remove the electrical box.	(R10885)	

6. Removal of PCBs

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Procedure

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



Step		Procedure	Points
	emove the terminal		
	bard.	_	
1	Remove the screw and remove the terminal board.	Terminal board (R4354)	
4. R	emove the signal		
	ceiver unit.		
1	Unfasten the 3 hooks		
	and remove the signal receiver unit.	Signal receiver unit	
		Hook	
		(R4355)	
		Hook	
2	Unfasten the 2 hooks.		
		(R12725)	
		I ESPER	
		Hook	
		(R16033)	

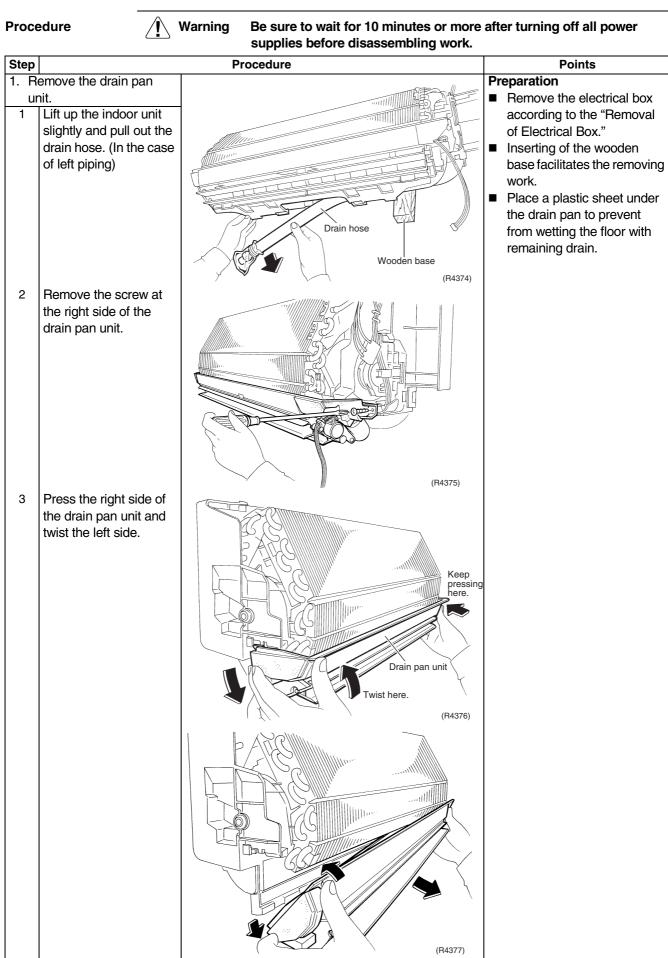
Step		Procedure	Points
3	Slide the electrical box		
4	Disconnect the wire harnesses.	Electrical Hook with one of the second seco	
5. R re 1	emove the signal ceiver PCB. Unfasten the 3 hooks	(R4359)	
	and remove the signal receiver PCB.	Hook Hook Signal receiver PCB	
2	Disconnect the connector [S29] from the signal receiver PCB.	(R15506)	

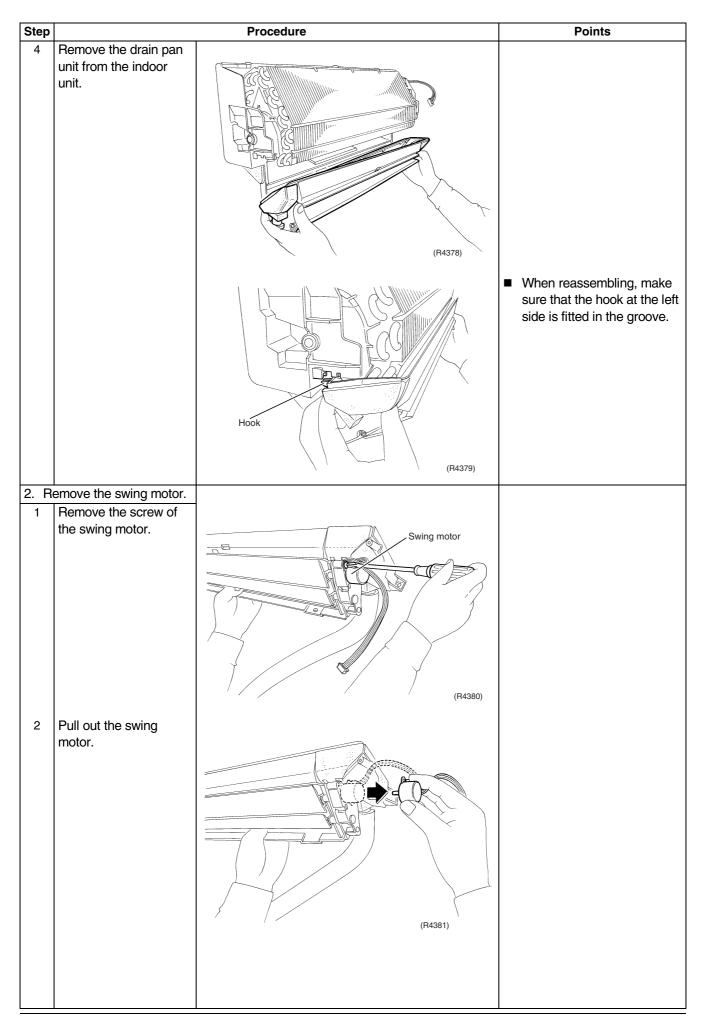
Step		Procedure	Points
6. F II	lemove the NTELLIGENT EYE	Nit	 Some models have no INTELLIGENT EYE sensor
<u>s</u> 1	ensor PCB. Remove the INTELLIGENT EYE fixing plate by twisting it.	INTELLIGENT EYE fixing plate	PCB.
2	Unfasten the right 3 hooks and remove the INTELLIGENT EYE sensor PCB. There are also 2 hooks on the left side.	(R4363) INTELLIGENT EYE sensor PCB	
3	Disconnect the connector [S36] from the INTELLIGENT EYE sensor PCB.		

Step		Procedure	Points
	emove the display PCB.		
1	The figure shows the connection of wire harness for the display PCB.	Display PCB (R4366)	at the back of the signal receiver unit.
2	Unfasten the 3 hooks and remove the display PCB.	Hook (R4367)	
3	Disconnect the connector [S27] from the display PCB.	IS27] IS	
	emove the control PCB.		
1	Unfasten the 2 lower hooks.	Control PCB Hook Hook Hook (R4369)	

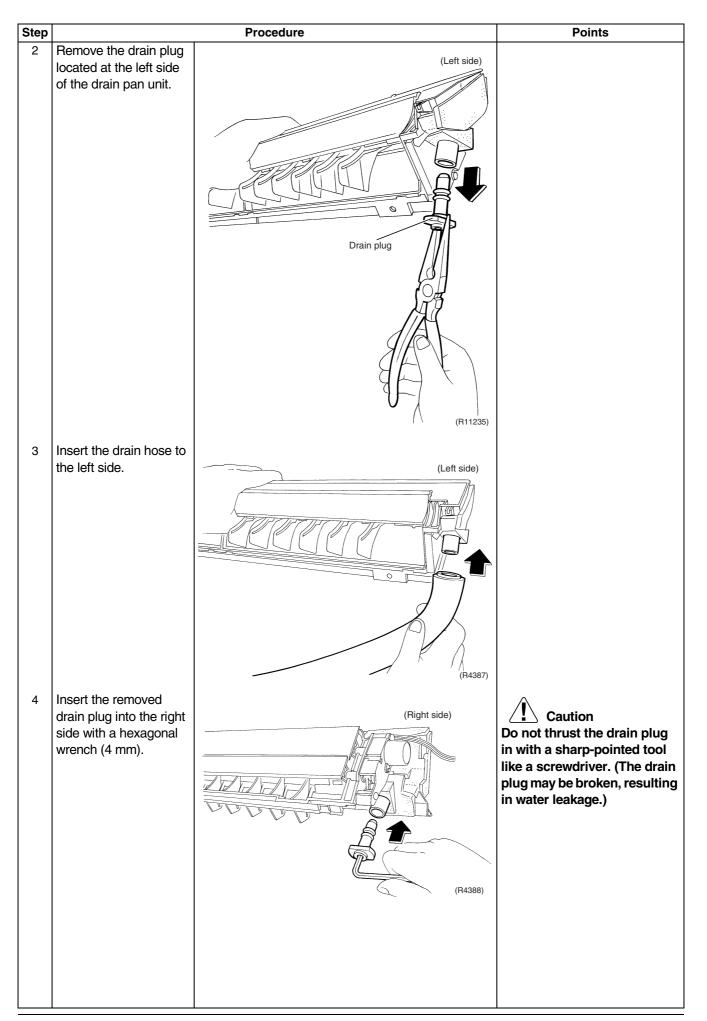
Step		Procedure	Points
2	Lift up the bottom of the control PCB and pull it out.	Hook	When reassembling the control PCB, make sure that it is fixed by 2 upper hooks.
3	The figures show the names of the PCB component parts.	Varistor [S1] Fuse Fuse 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 (35) 0 0 0 0 0 0 0 0 (35) 0 0 0 0 0 0 0 0 (52) 0	 [S1]: fan motor [S6]: swing motor [S7]: fan motor (Hall IC) [S26]: display PCB [S27]: control PCB [S28]: signal receiver PCB [S29]: control PCB [S32]: indoor heat exchanger thermistor [S35]: INTELLIGENT EYE sensor PCB [S36]: control PCB [S36]: control PCB Some models have no harness for [S7], [S35].

7. Removal of Drain Pan Unit / Swing Motor





	Procedure	Points
Remove the screw of the crank assembly.	Crank assembly	
Unfasten the hook and remove the crank	/ / (R4382)	
assembly.		
	Hook (R4383)	
The Constant of the		
position of the hook when the crank assembly has been removed.	Hook Book (R4384)	
ow to change the drain		
Pull out the drain hose from its right side connection.	(Right side) 777 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
	the crank assembly. Unfasten the hook and remove the crank assembly. The figure shows the position of the hook when the crank assembly has been removed.	emove the crank ssembly. Remove the screw of the crank assembly. Unfasten the hook and remove the crank assembly. The figure shows the position of the hook when the crank assembly has been removed. (H382) Hook Hook Hook (H382) (H382) (H382) (H382) (H382) (H382) (H382) (H383) (H383) (H383) (H383) (H384) (H

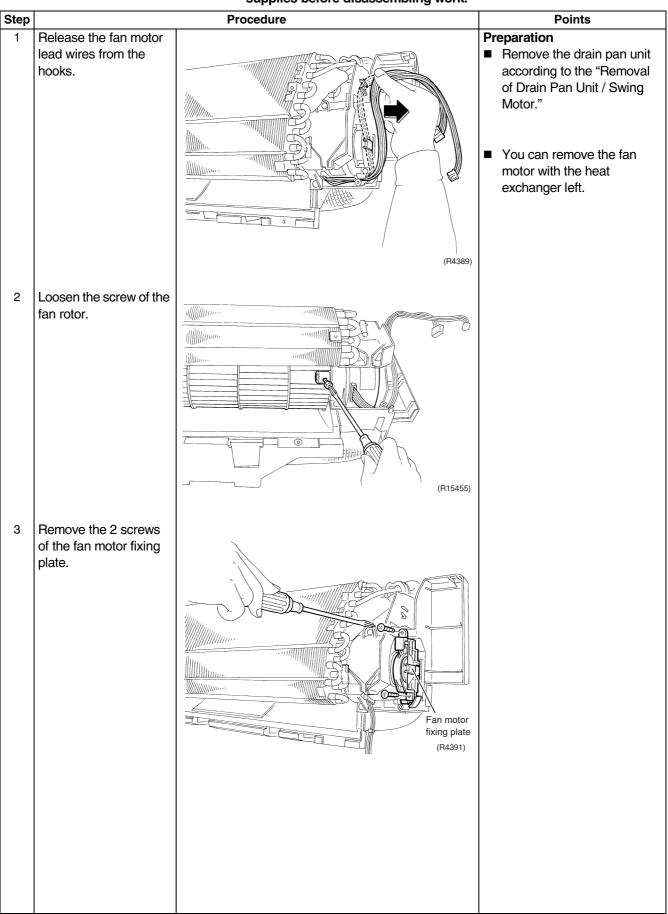


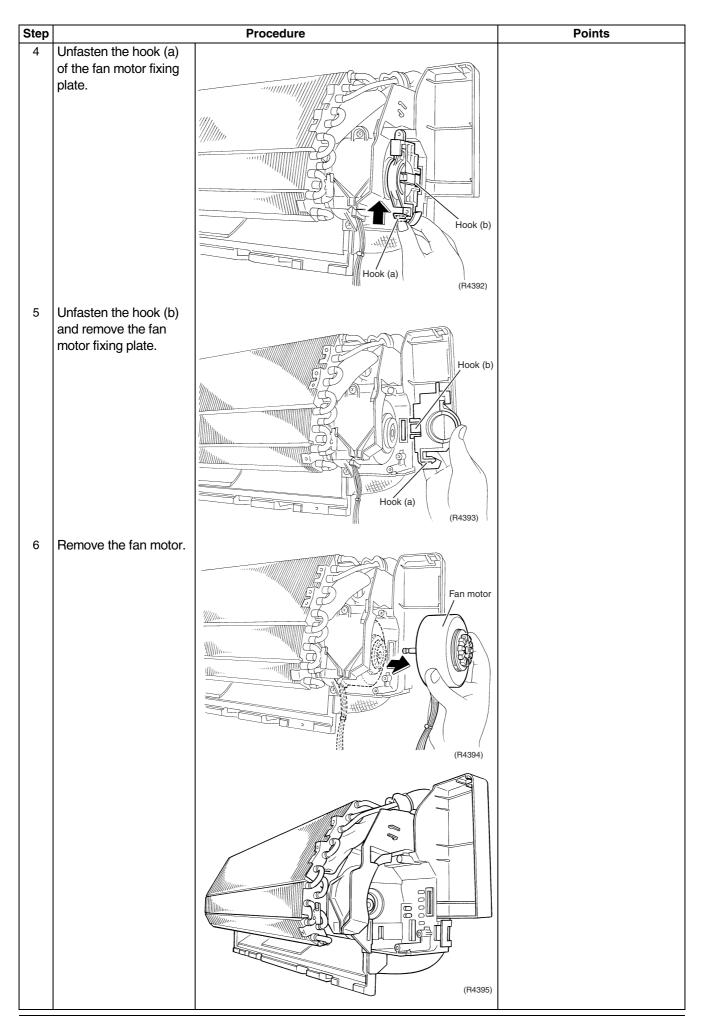
8. Removal of Fan Motor

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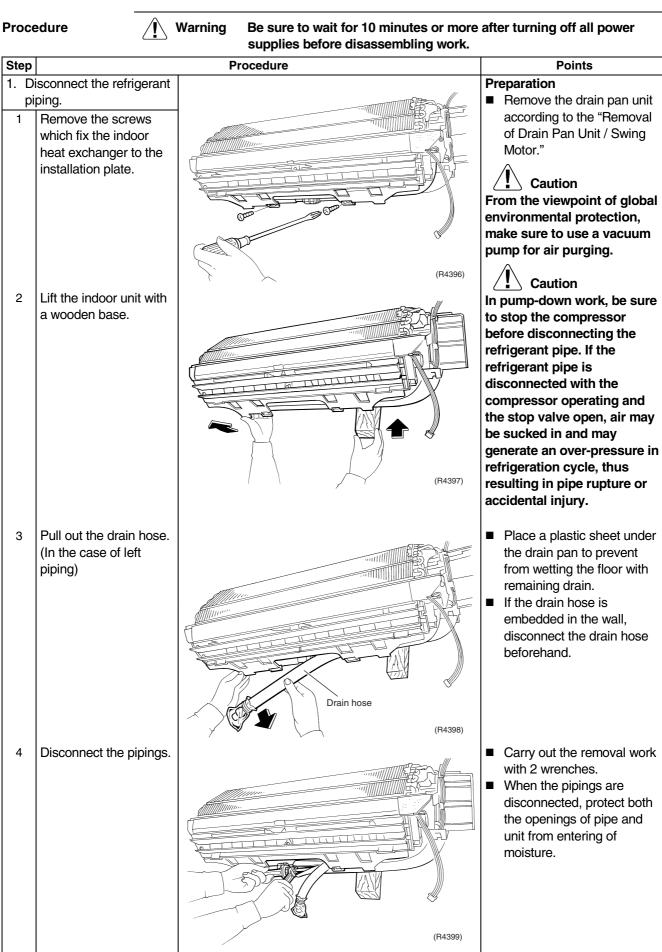
Procedure

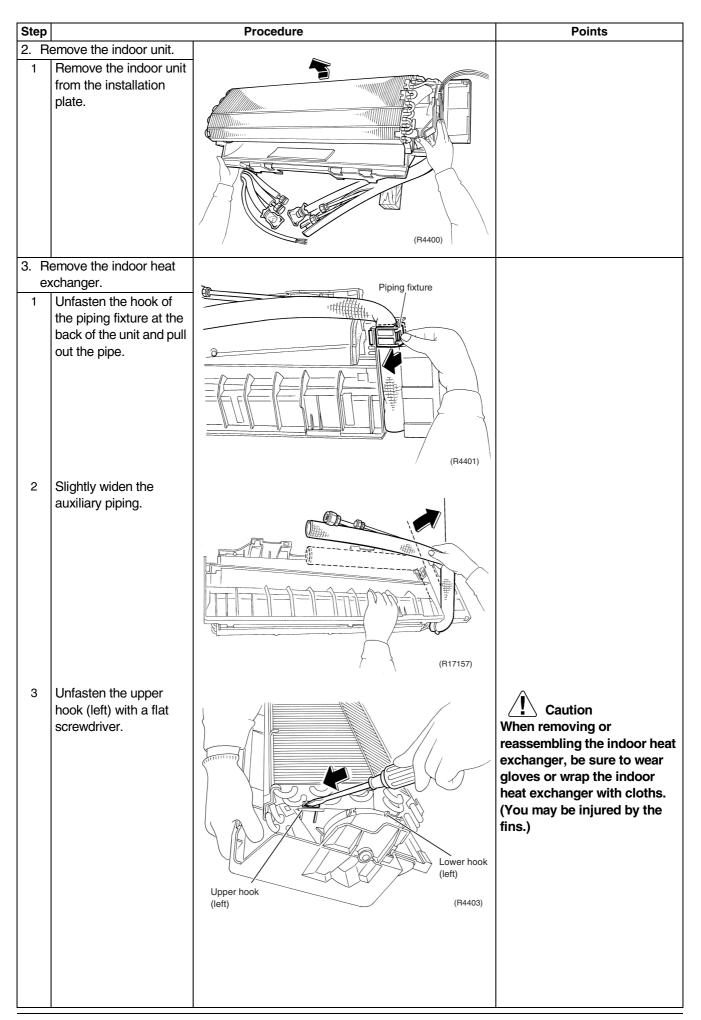
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.





9. Removal of Indoor Heat Exchanger



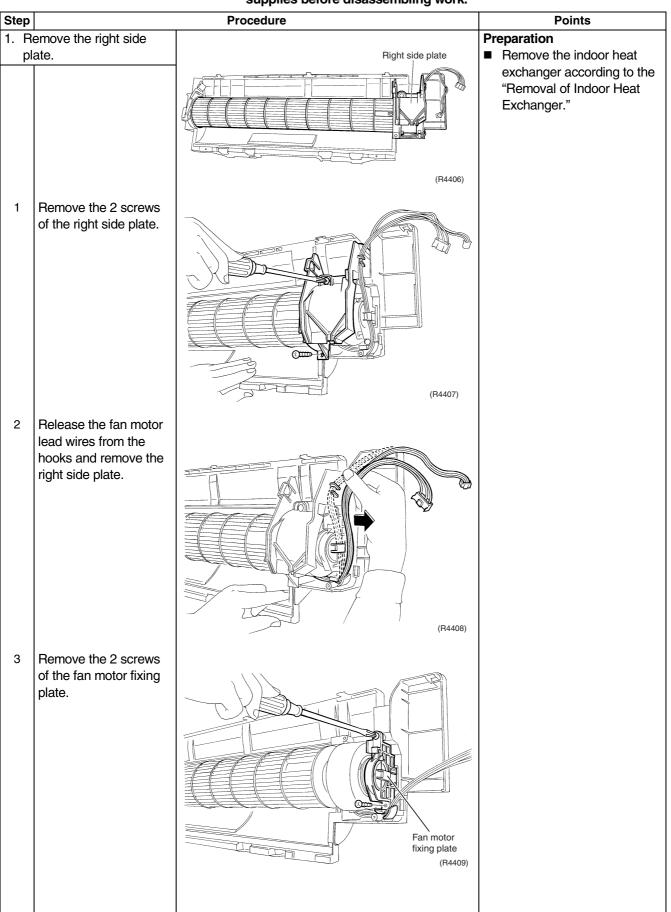


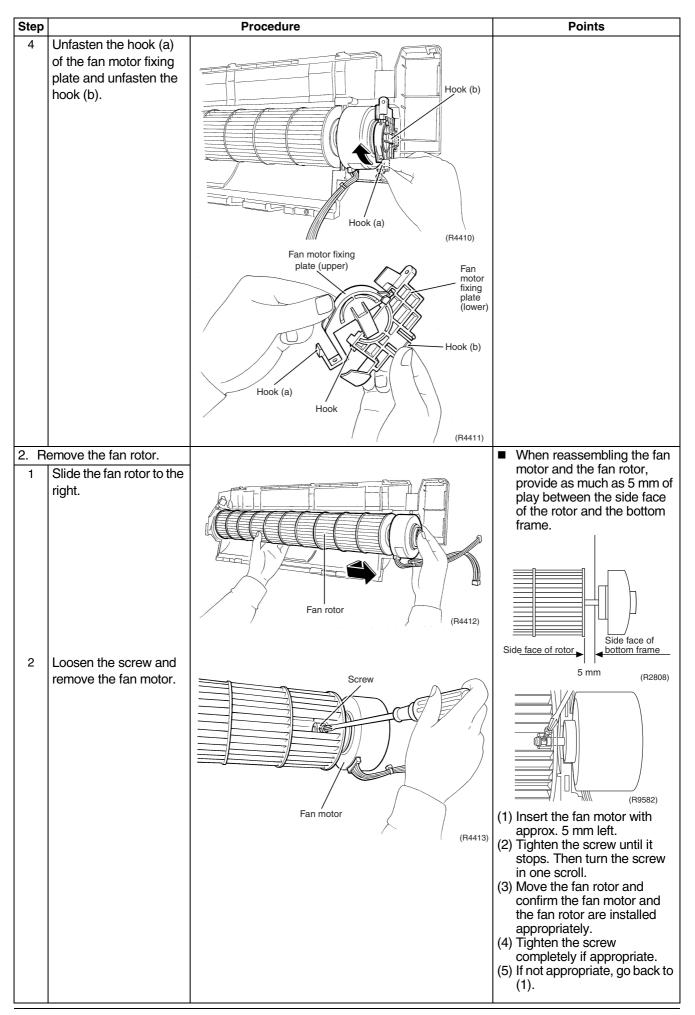
Step		Procedure	Points
4	Unfastening the left lower hook, hold up the indoor heat exchanger by its left side and lift it up.	Image: Constrained state Image: Constate Image: Constate <td>When reassembling the indoor heat exchanger, make sure that the hook (left) is fastened.</td>	When reassembling the indoor heat exchanger, make sure that the hook (left) is fastened.
5	When the left side is lifted, the 2 hooks at the right side comes off position.	Indoor heat exchanger Hook (right)	
6	Remove the indoor heat exchanger.		

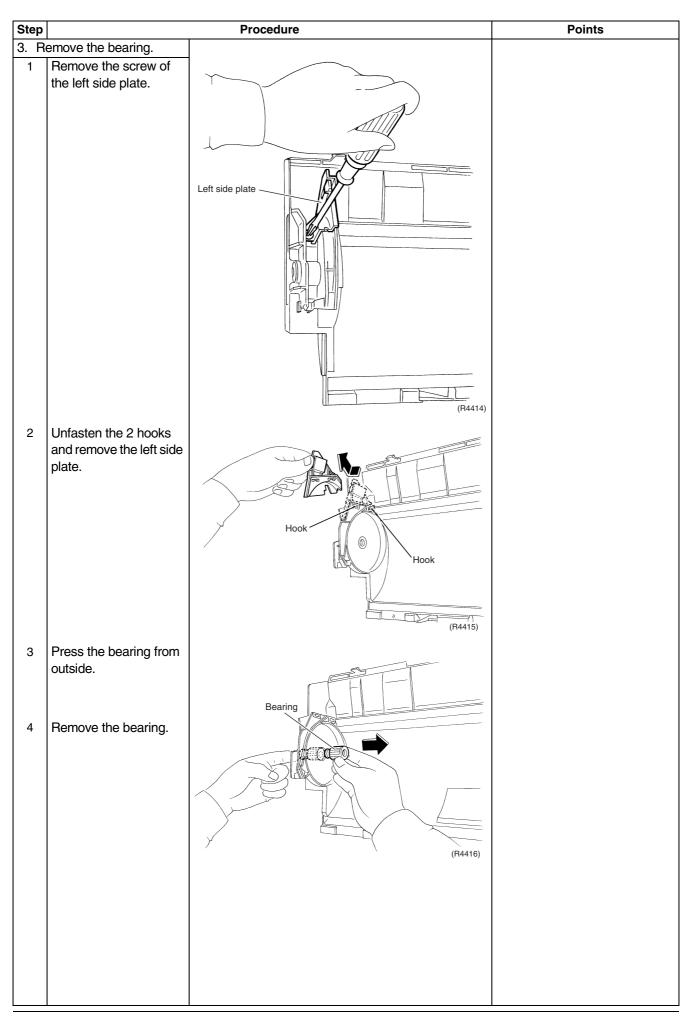
10.Removal of Fan Rotor



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Revision History

Month / Year	Version	Revised contents
01 / 2013	Si041048	First edition



- 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/global_ac/ wQAll rights reserved