

Si12-891

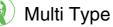


4.0/5.0 kW Class



Outdoor Unit







Service Manual Removal Procedure

Outdoor Unit

•Cooling Only 2AMK40FV1B 2AMK50FV1B

2MKS40FV1B 2MKS50FV1B

2MKS40G2V1B 2MKS50G2V1B 2MKS40GV1B 2MKS50GV1B Heat Pump
 AMX40F2V1B
 AMX50F2V1B
 AMX40FV1B
 AMX50FV1B

2MXS40FV1B 2MXS50FV1B

2MXS40G2V1B 2MXS50G2V1B 2MXS40GV1B 2MXS50GV1B

2MXS50GVLT

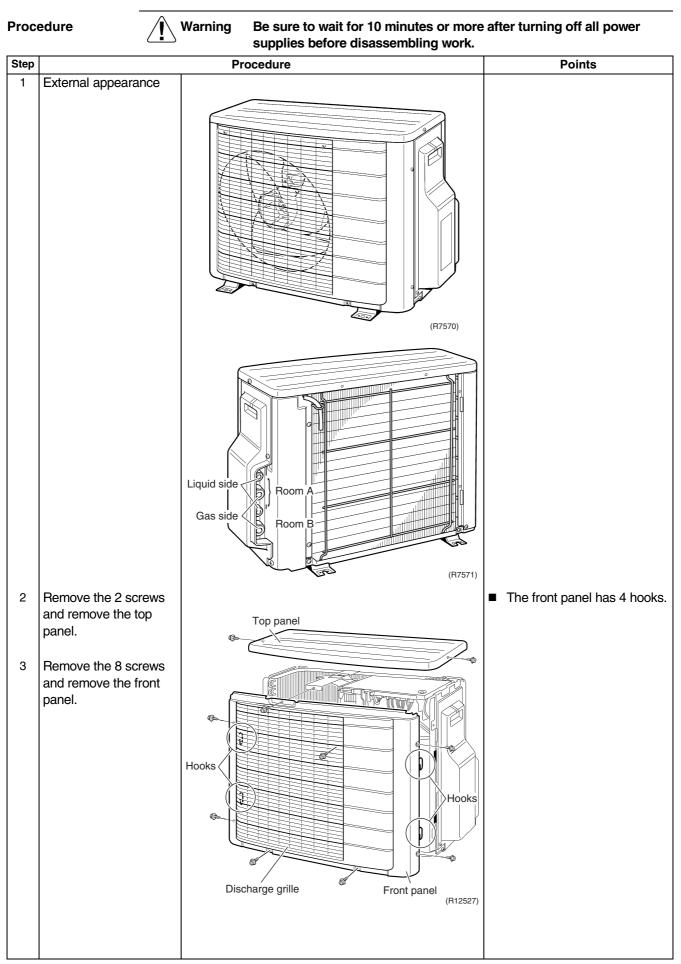
Table of Contents

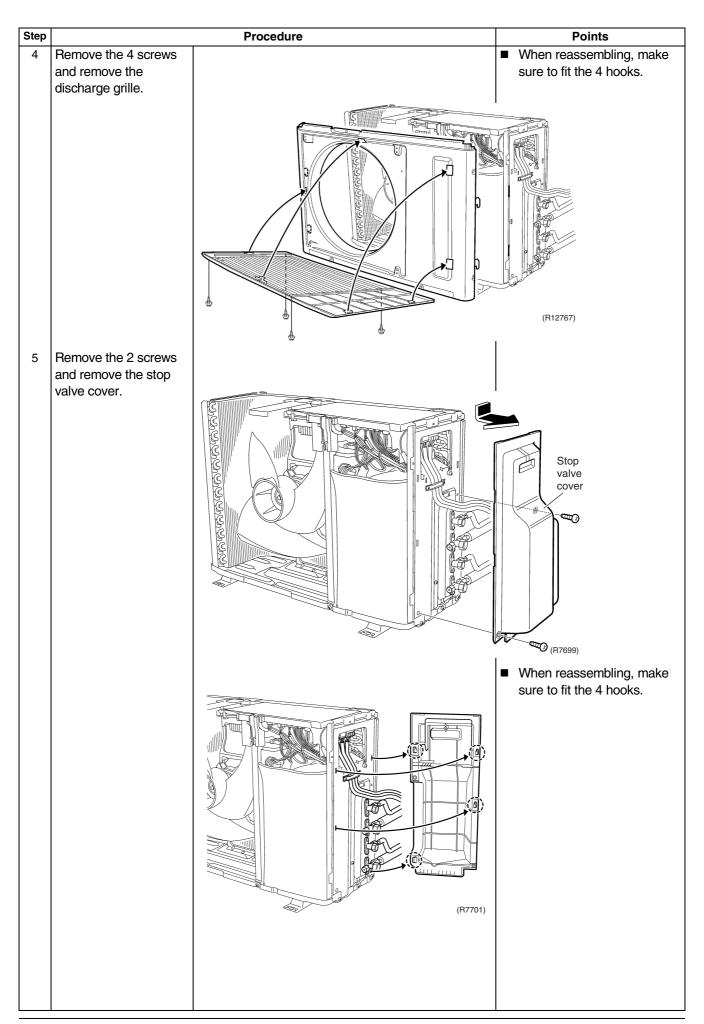
1.	Removal of Outer Panels	2
2.	Removal of Electrical Box	4
3.	Removal of PCB	9
4.	Removal of Sound Blankets	14
5.	Removal of Outdoor Fan / Fan Motor	16
6.	Removal of Thermistors	19
7.	Removal of Four Way Valve / Outdoor Electronic Expansion Valves	21
8.	Removal of Compressor	24



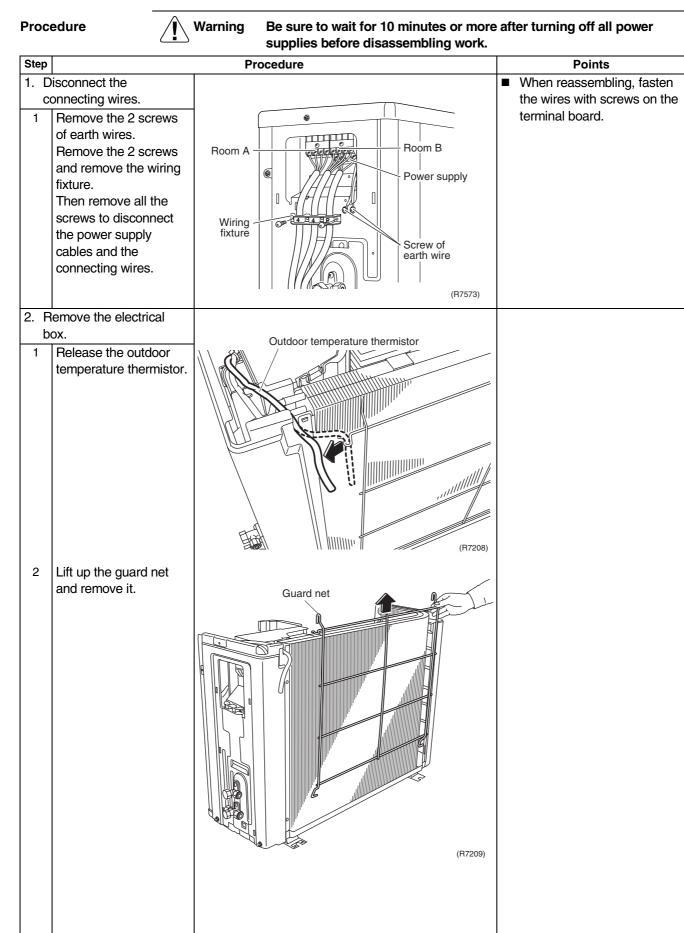
- The illustrations may be slightly different depending on the model.The illustrations are for heat pump models as representative.

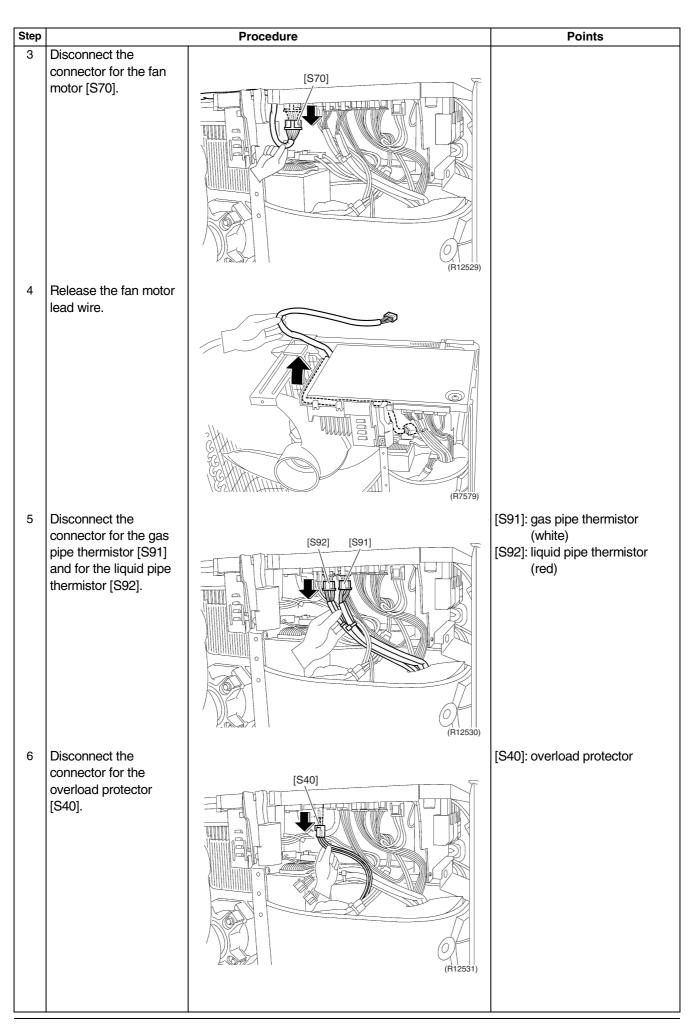
1. Removal of Outer Panels

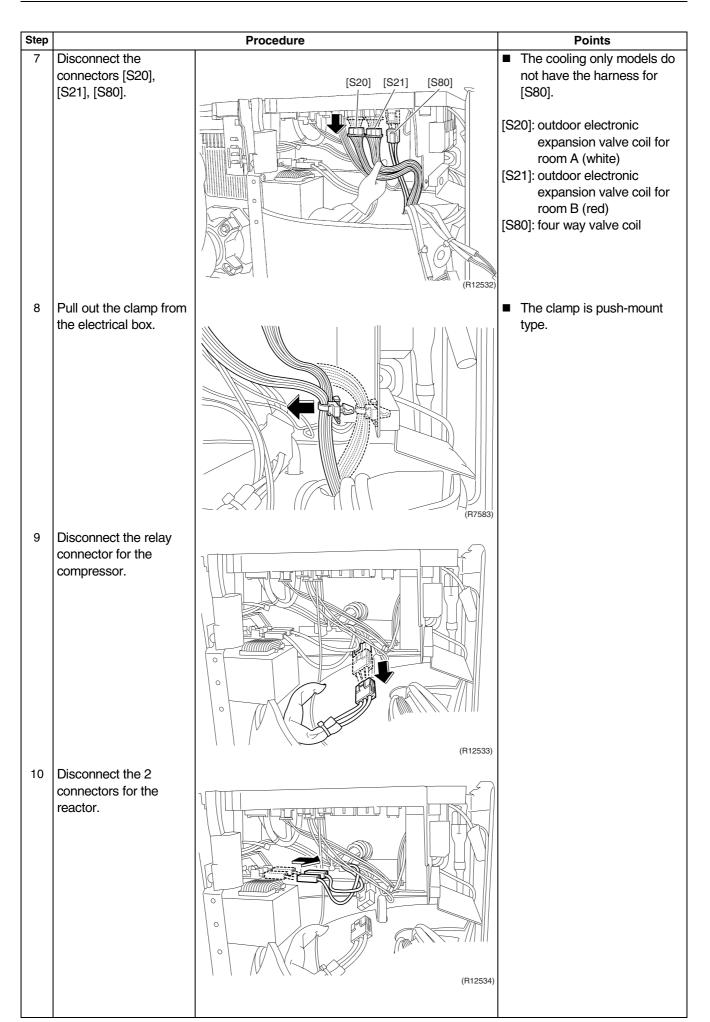


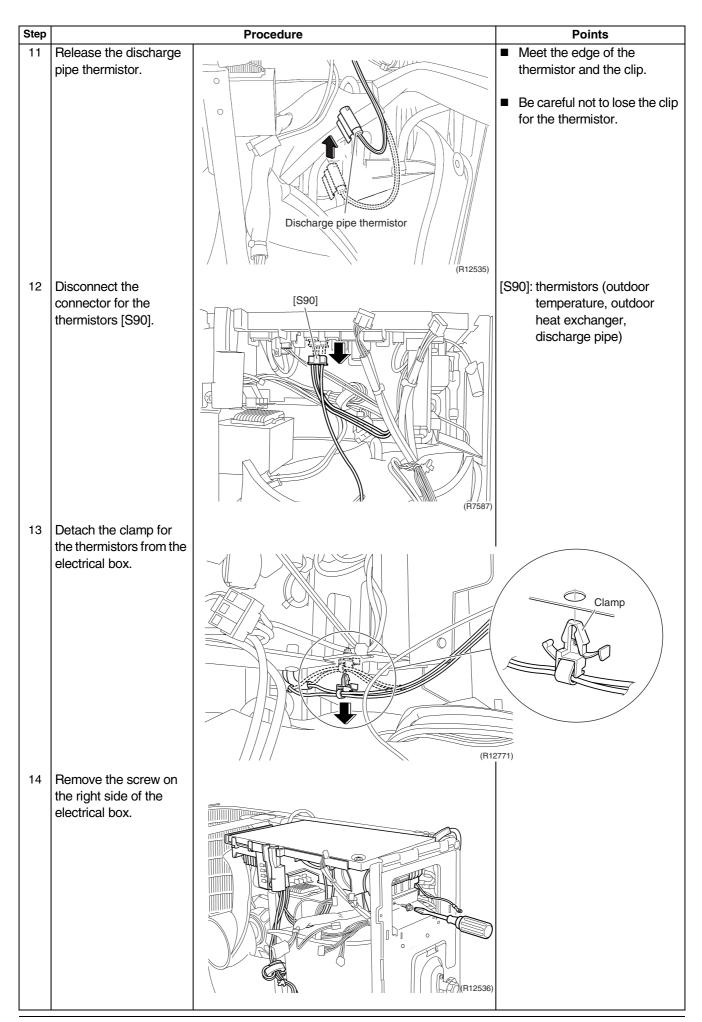


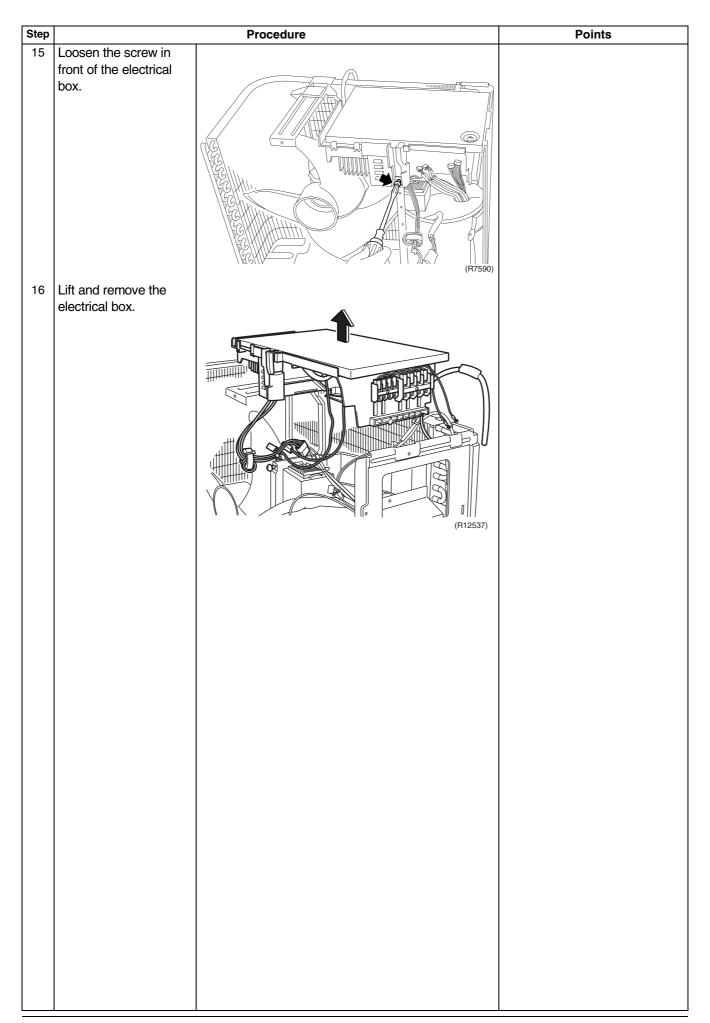
2. Removal of Electrical Box



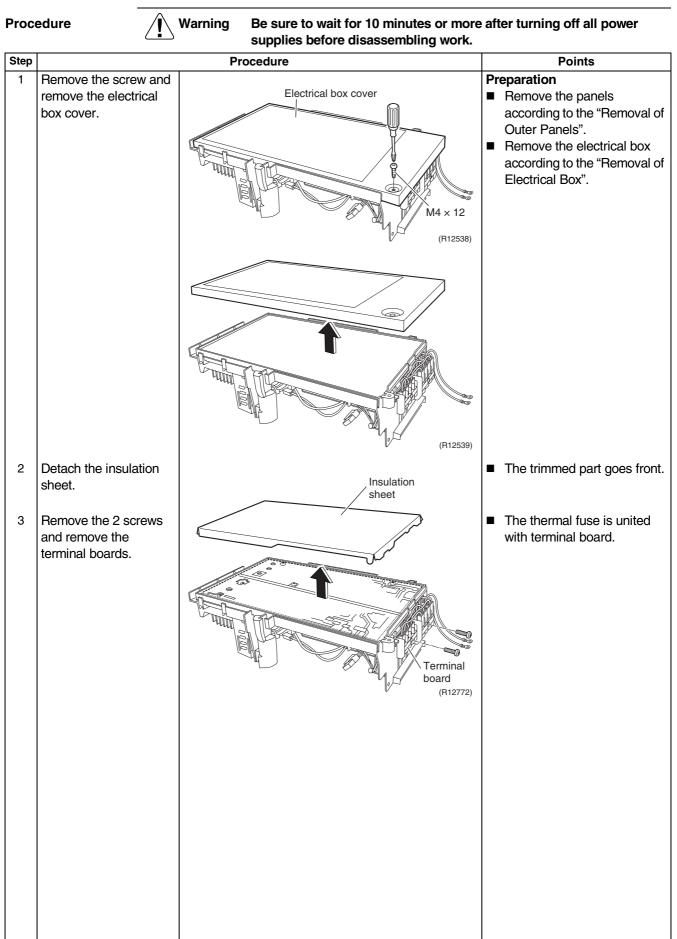


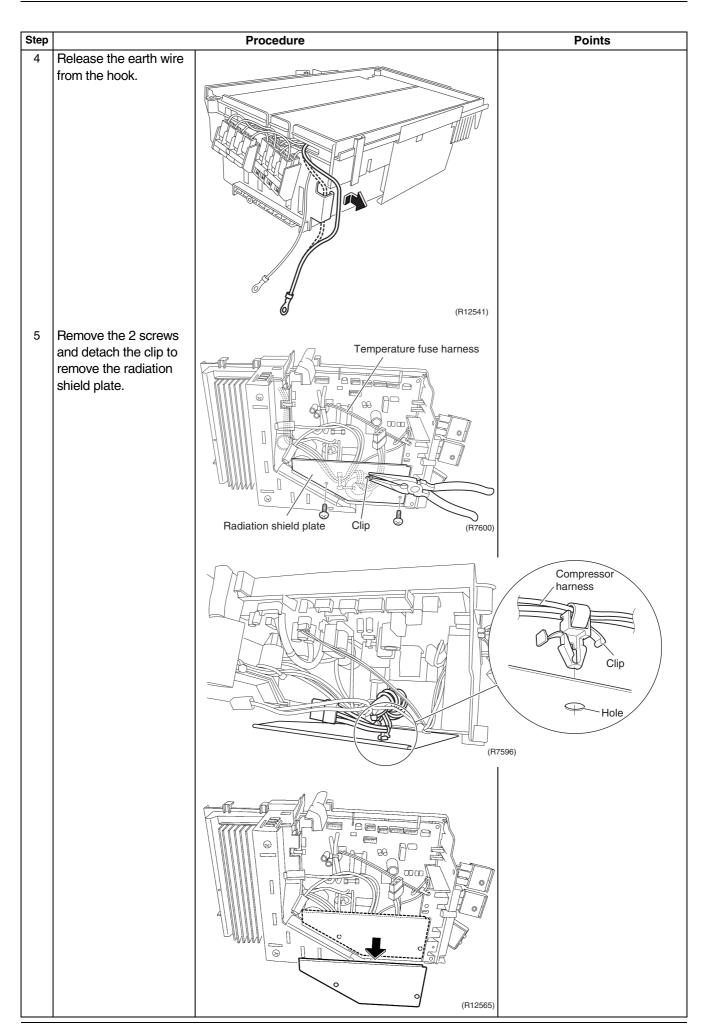




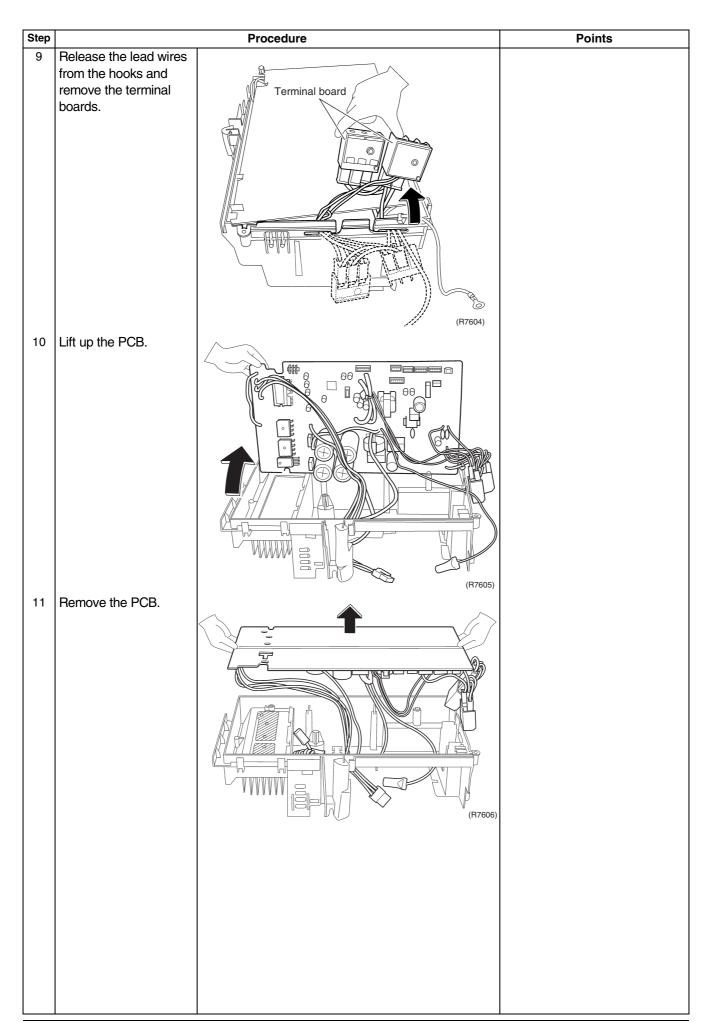


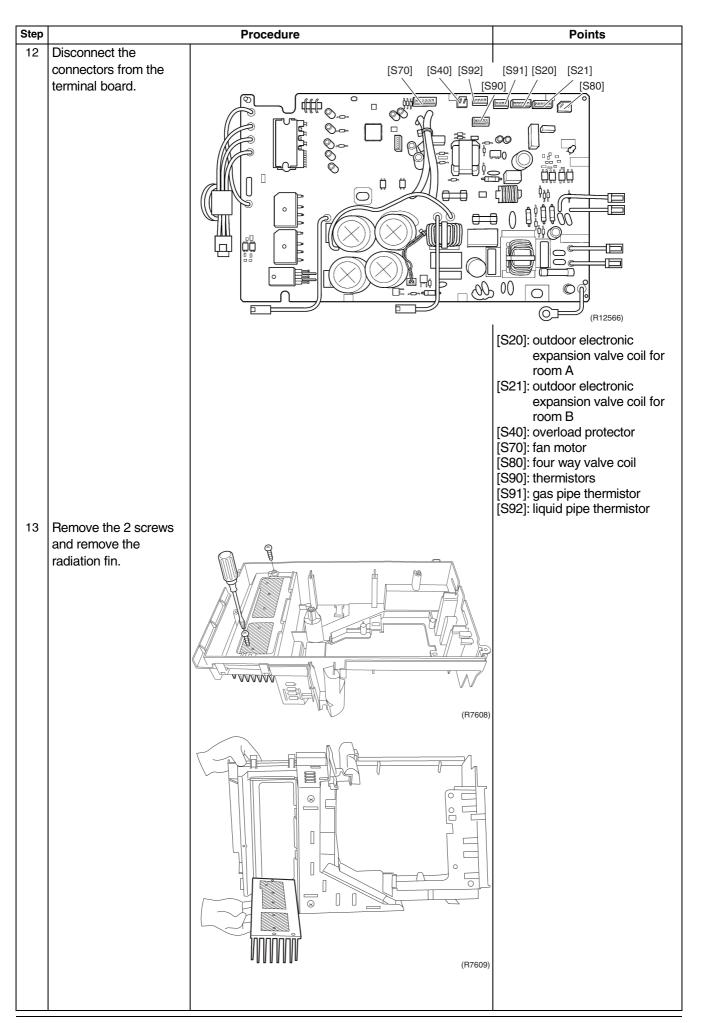
3. Removal of PCB





Step		Procedure	Points
6	Cut the clamp and	~	
	release the wire harnesses.	(P7597)	
7	Remove the 7 screws in total to remove the PCB.	(R7598)	
8	Lift up the back side of		 When reassembling, make
	the electrical box slightly and unfasten the hooks of the front.		sure that the hooks of the electrical box are placed on the PCB.

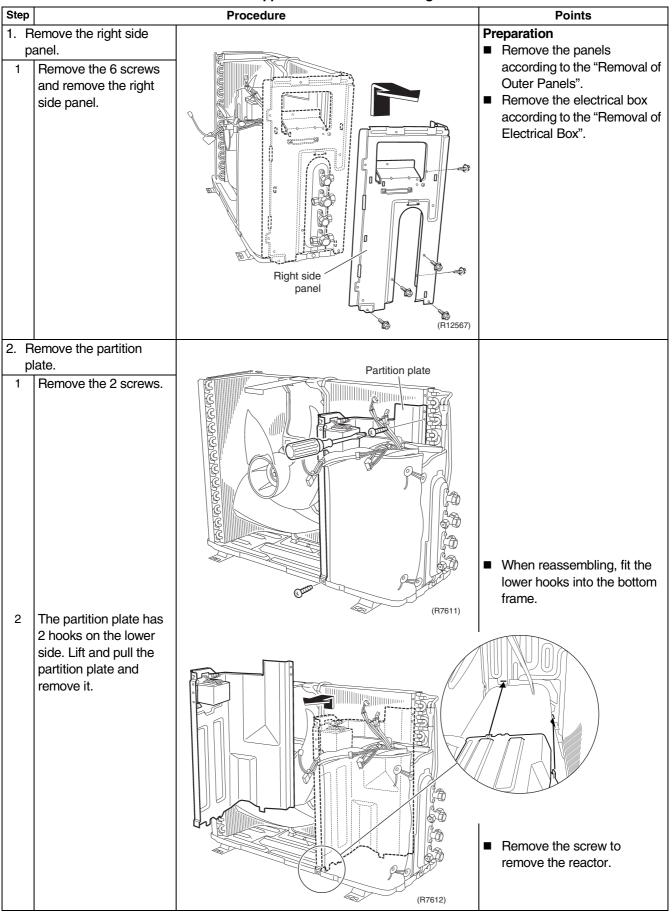


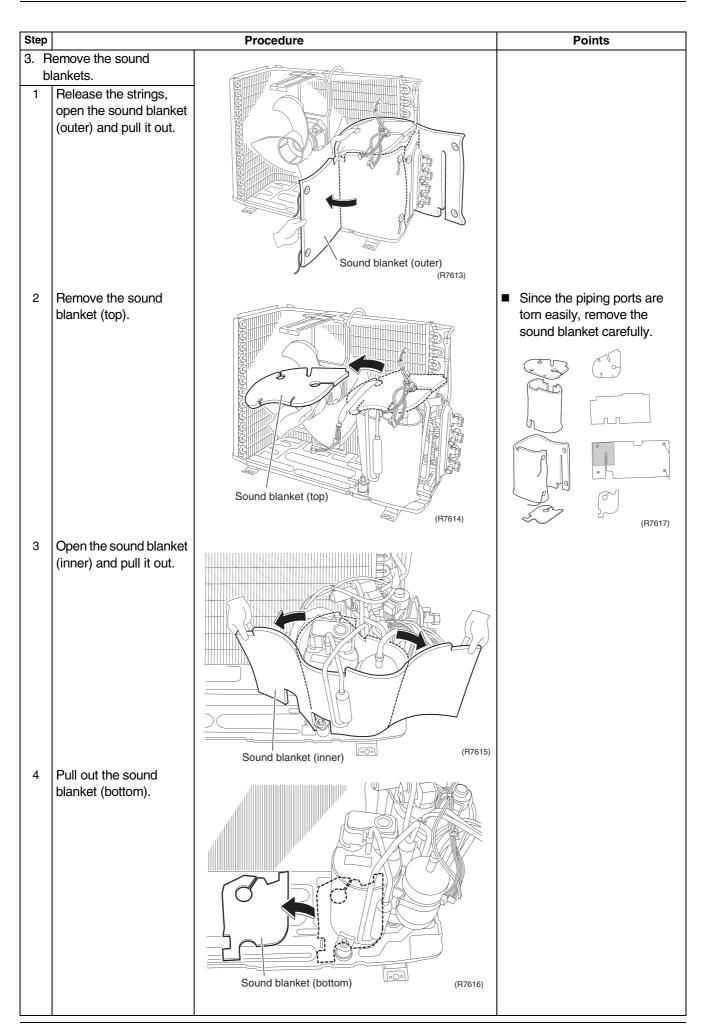


4. Removal of Sound Blankets

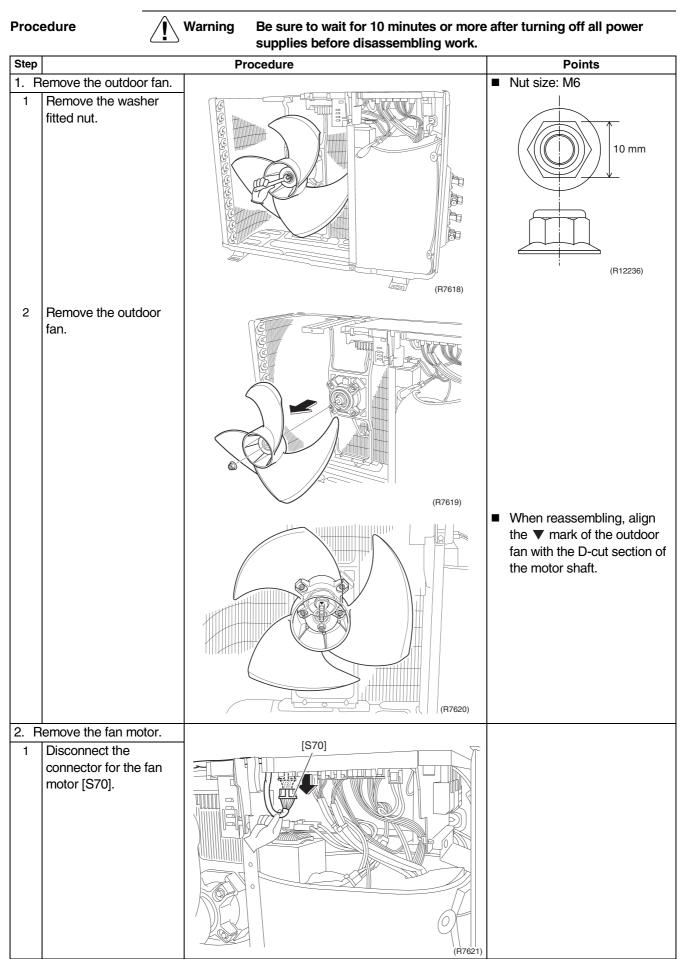


Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

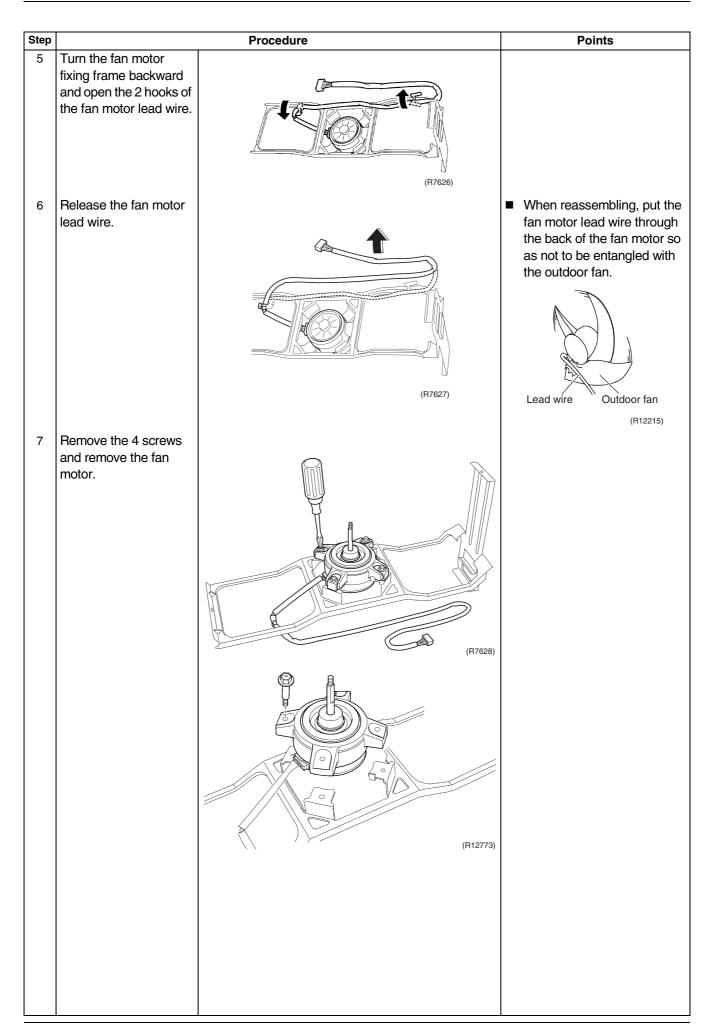




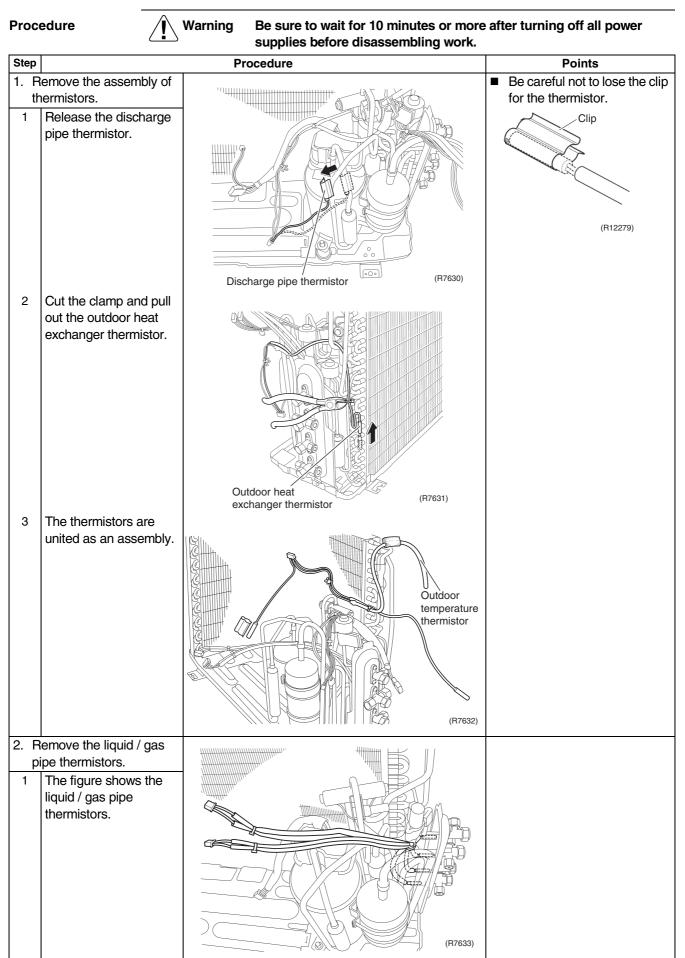
5. Removal of Outdoor Fan / Fan Motor

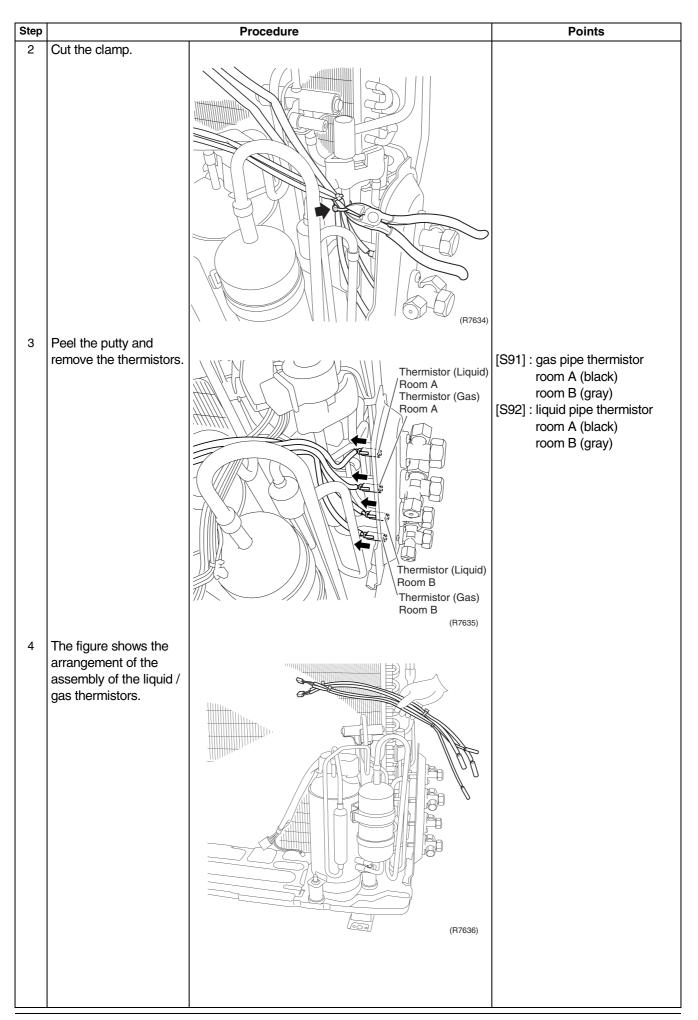


Step		Procedure	Points
2	Release the fan motor lead wire.	(H7579)	
3	Remove the screw of the fan motor fixing frame.	Fan motor fixing frame (R7623)	
4	Remove the fan motor fixing frame.	(R7624)	
		(R7625)	



6. Removal of Thermistors

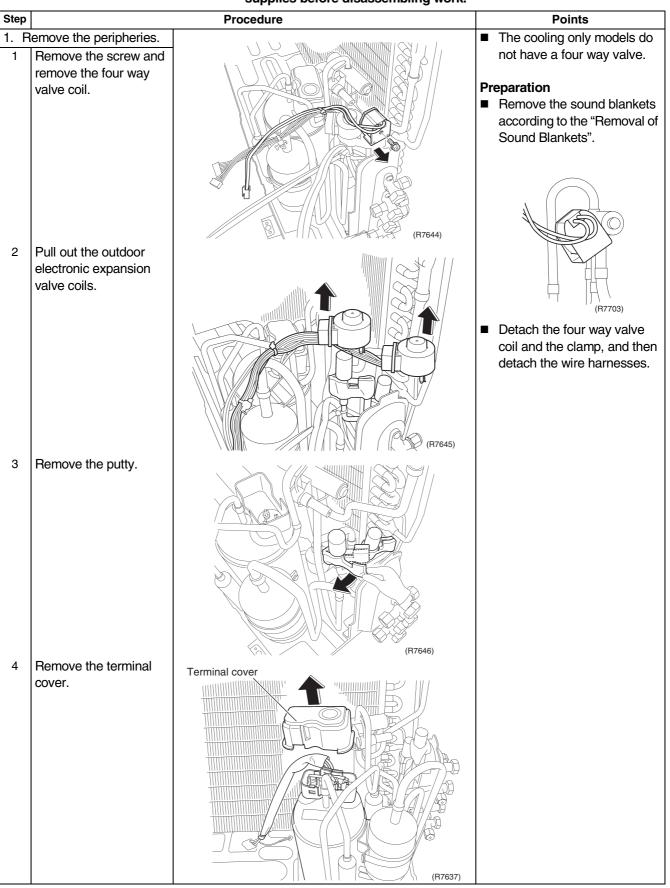


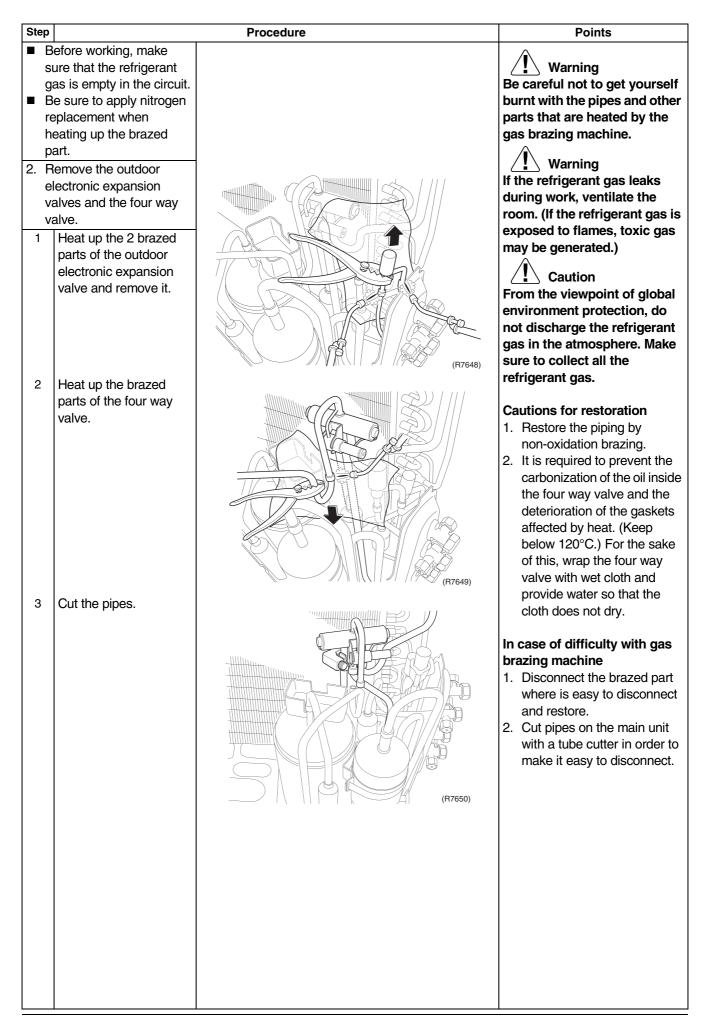


7. Removal of Four Way Valve / Outdoor Electronic Expansion Valves

Procedure

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





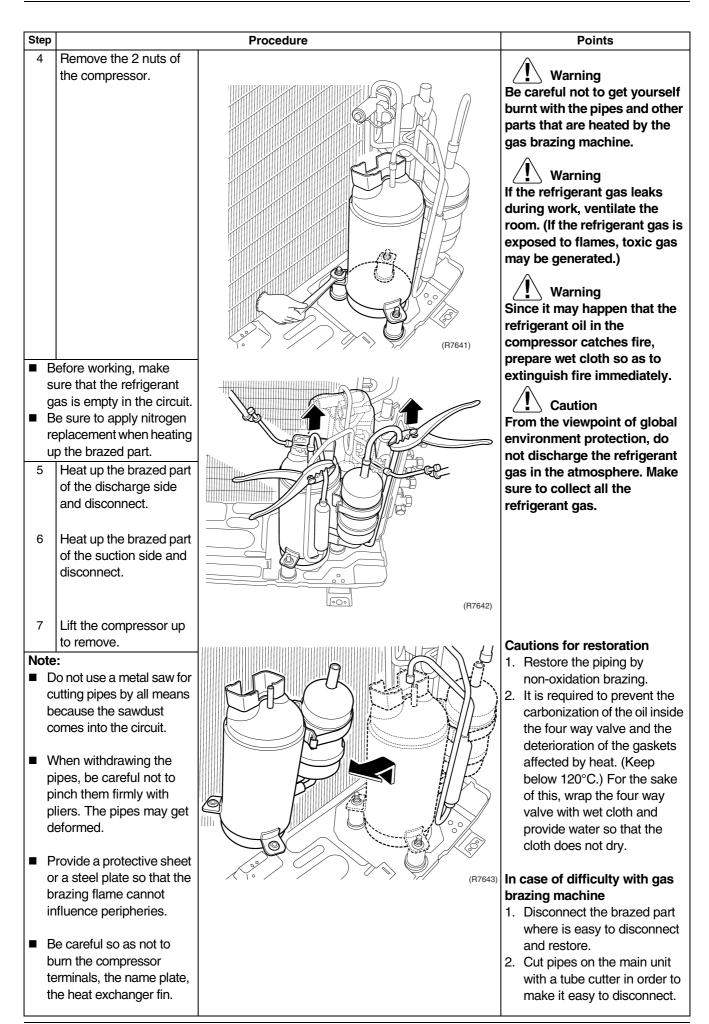
Step	Procedure	Points
Step 4 Heat up the brazed parts. Pull the pipe with pliers and disconnect. 9 Note: Section 100 (Section		Points Note: Do not use a metal saw for cutting pipes by all means because the sawdust comes into the circuit. When withdrawing the pipes, be careful not to pinch them firmly with pliers. The pipes may get deformed. Provide a protective sheet or a steel plate so that the brazing flame cannot influence peripheries.

8. Removal of Compressor



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

		supplies before disassembling work.	
Step		Procedure	Points
1	Remove the terminal cover.	Terminal cover	
2	Disconnect the compressor terminals.	Yellow (V) Annotation Blue (W) (R7638)	
3	Unfasten the hooks with a flat screwdriver and remove the overload protector.		
		(R7640)	



Revision History

Month / Year	Version	Revised contents
06 / 2013	Si12-891	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/ @All rights reserved