

Si001071

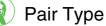


### 2.5/3.5 kW Class



Outdoor Unit







# Service Manual Removal Procedure

# **Outdoor Unit**

•Cooling Only RKS25E2V1B RKS35E2V1B •Heat Pump RXS25E2V1B RXS35E2V1B

# **Table of Contents**

1.	Removal of Outer Panels / Fan Motor	2
2.	Removal of Electrical Box	9
3.	Removal of PCB	12
4.	Removal of Reactor / Partition Plate	14
5.	Removal of Sound Blanket	16
6.	Removal of Four Way Valve	18
7.	Removal of Compressor	21
	-	

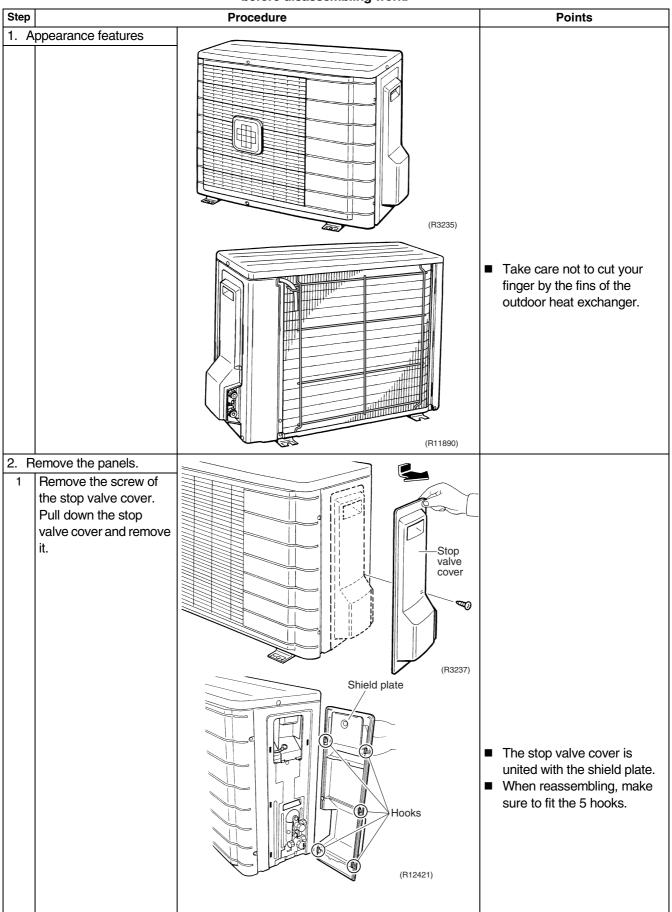


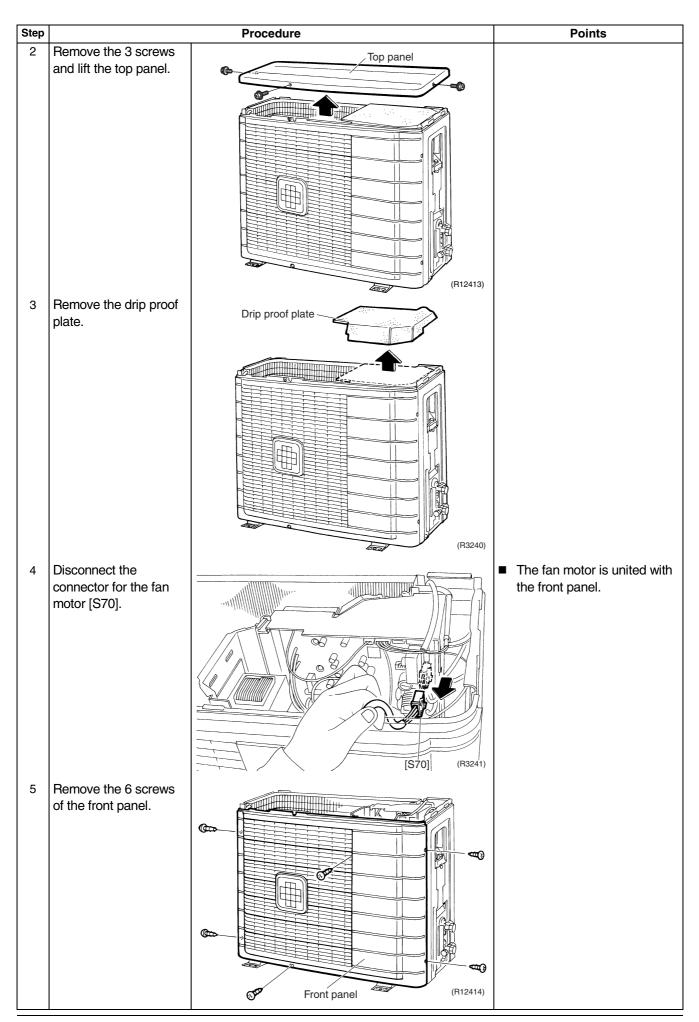
The illustrations may be slightly different depending on the model.
The illustrations are for heat pump models as representative.

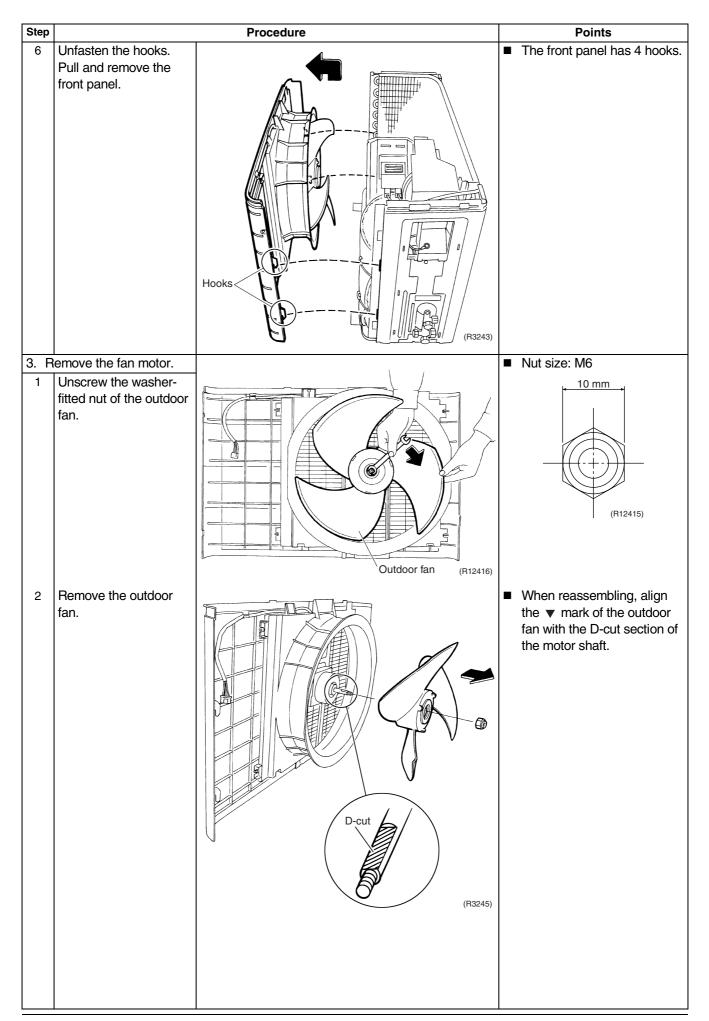
#### 1. Removal of Outer Panels / Fan Motor

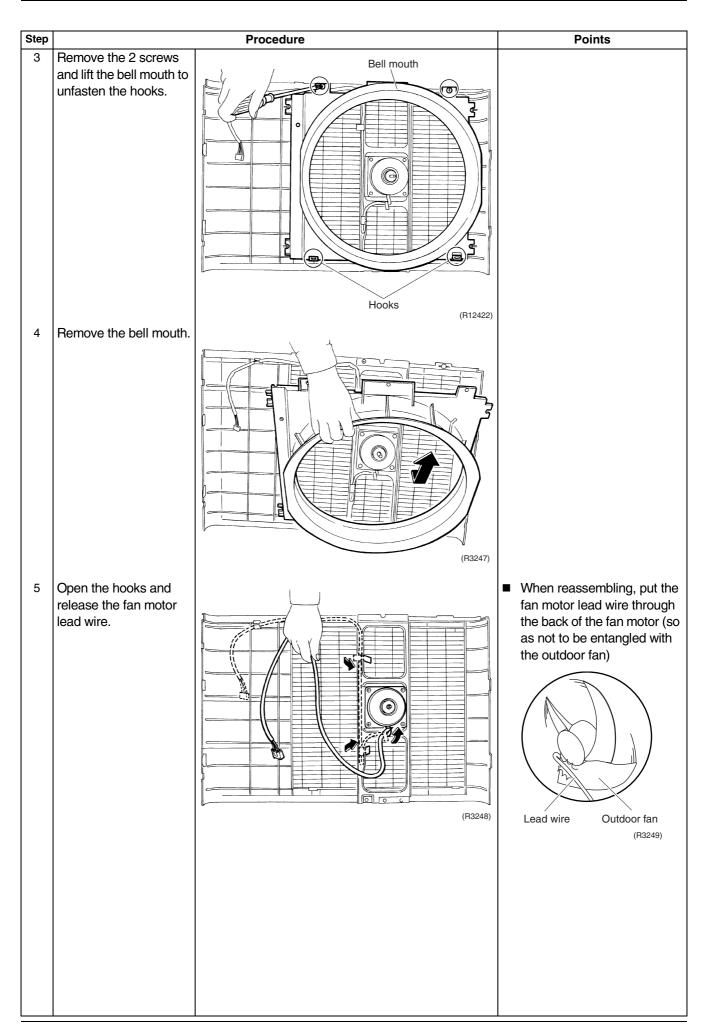


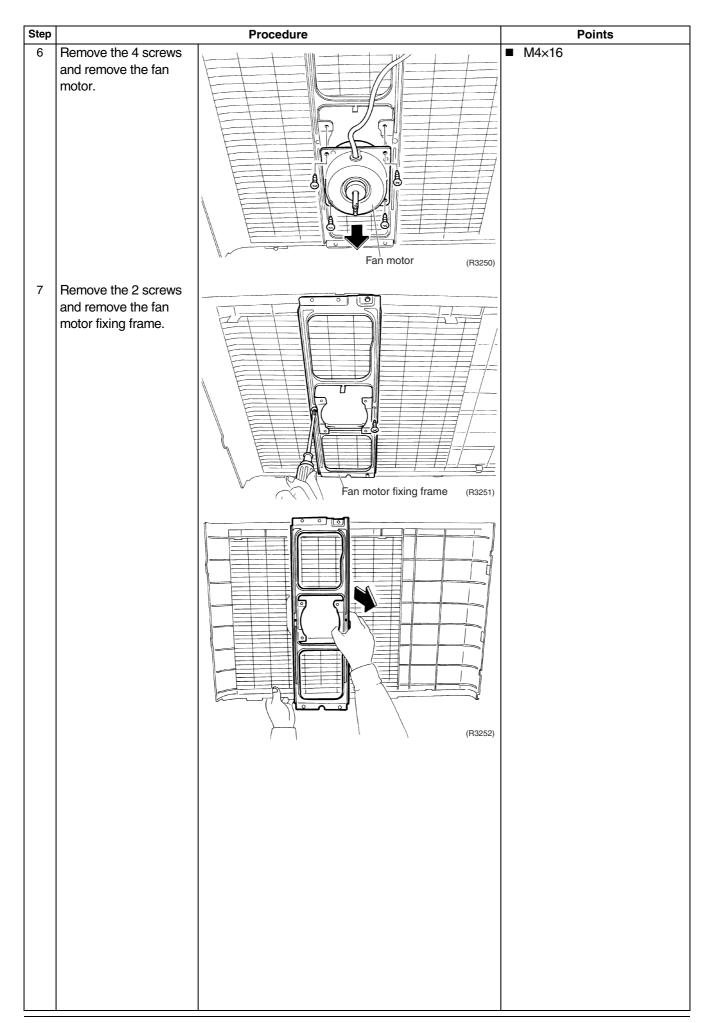
Warning Be sure to wait 10 minutes or more after turning off all power supplies before disassembling work.

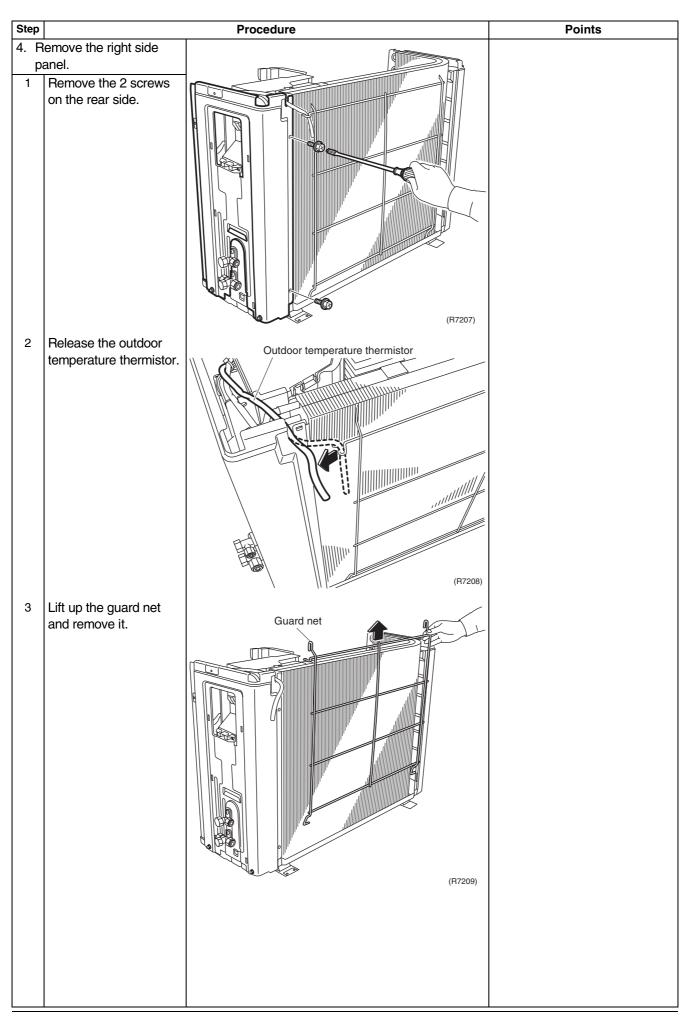






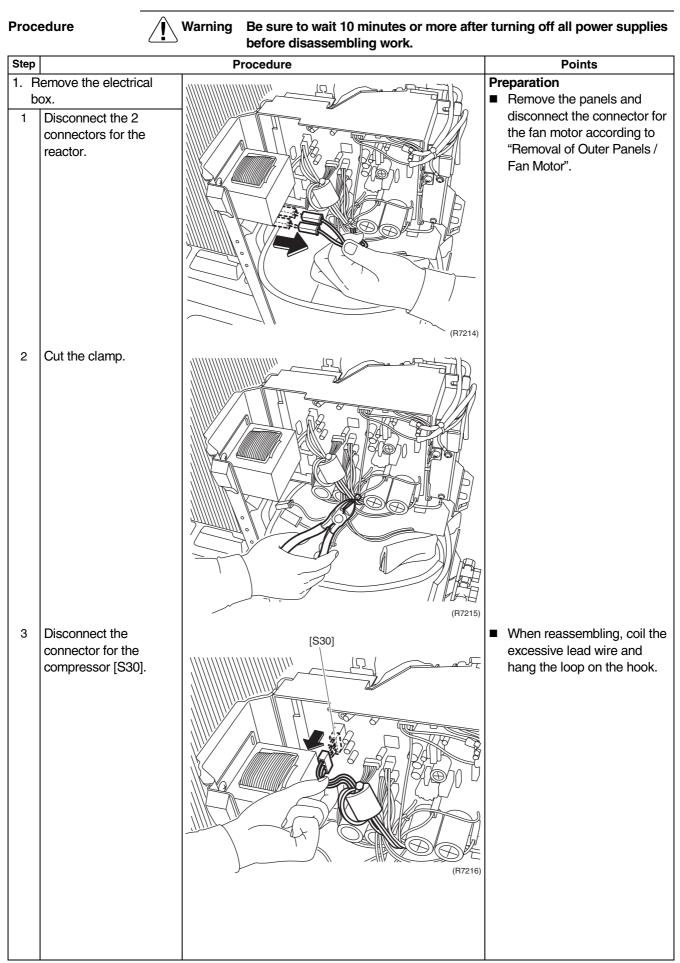






Step		Procedure	Points
4	Remove the 4 screws on the right side panel.	Right side panel	
5	Remove the screw near the stop valves.	(F7211)	
6	Unfasten the hook on the rear side.	(F7212)	When reassembling, make sure to fit the hook.
7	Lift up the right side panel and remove it.	(R7213)	When reassembling, make sure to fit the hook.

#### 2. Removal of Electrical Box



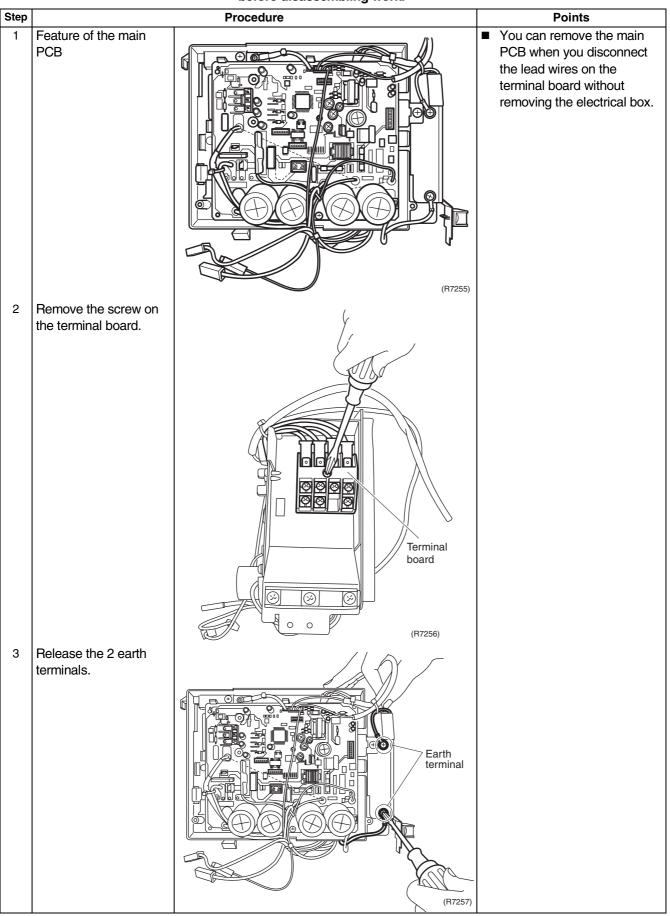
Step		Procedure	Points
4	Disconnect the connector for overload protector [S40].	[S40]	
5	Disconnect the connector for electronic expansion valve coil [S20].	[S20]	
6	Disconnect the connector for four way valve coil [S80].	[S80] (7219)	
7	Release the discharge pipe thermistor.	Discharge pipe thermistor       (R0267)	<ul> <li>Be careful not to lose the clip for the thermistor.</li> <li>Clip (R12279)</li> </ul>

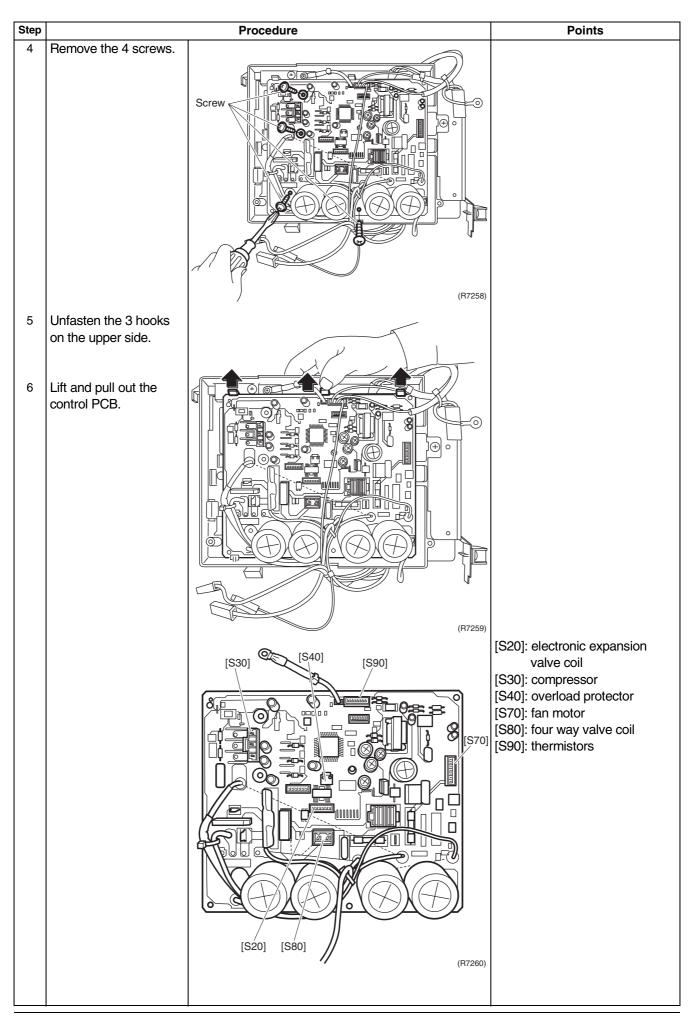
Step		Procedure	Points
9	Cut the clamp. Pull out the outdoor heat exchanger thermistor.	Image: constraint of the sector of the se	<ul> <li>Be careful not to lose the clip for the thermistor.</li> </ul>
10	Lift and remove the electrical box.	Image: constraint of the second se	(R3264)

## 3. Removal of PCB

#### Procedure

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

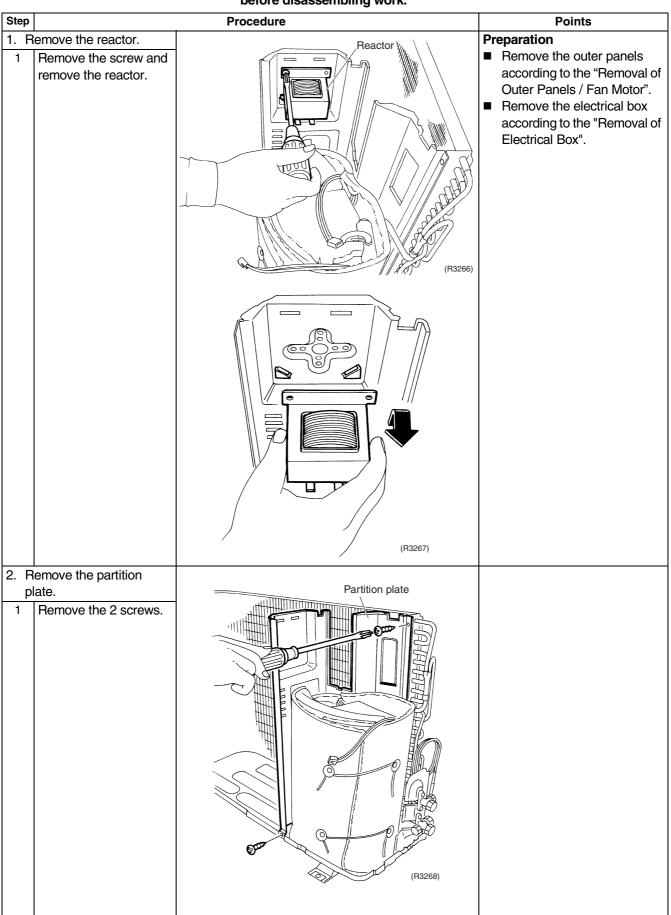


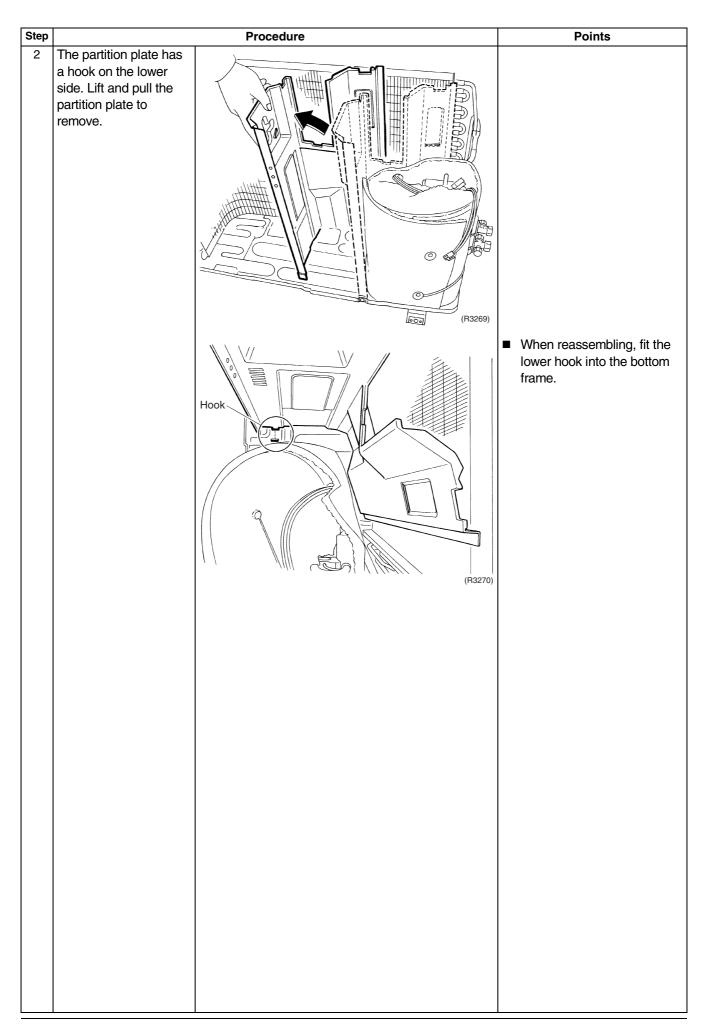


#### 4. Removal of Reactor / Partition Plate

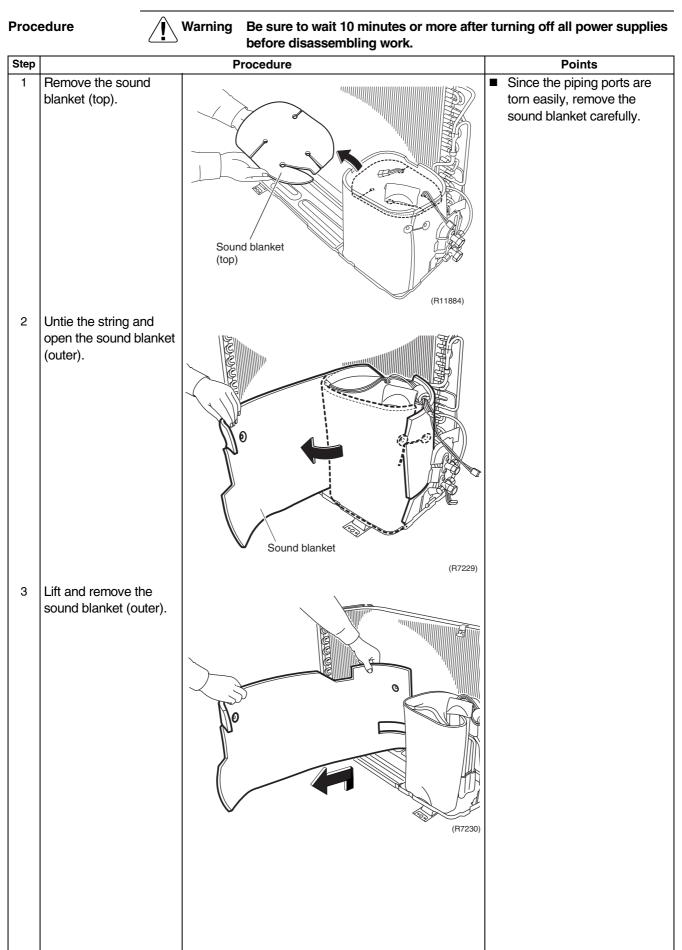
#### Procedure

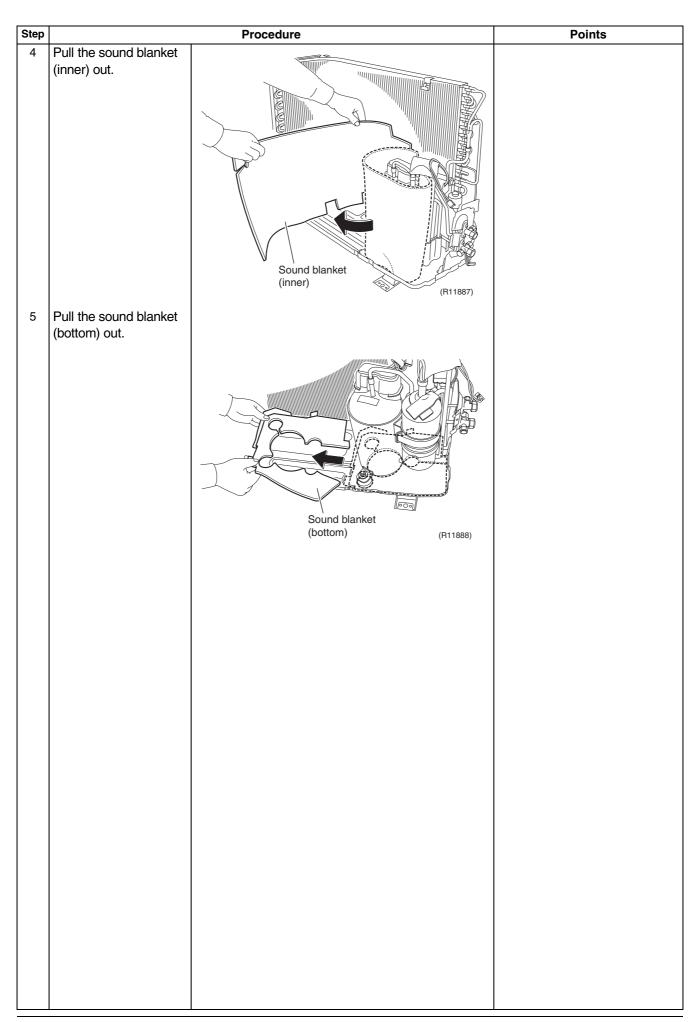
Warning Be sure to wait 10 minutes or more after turning off all power supplies before disassembling work.



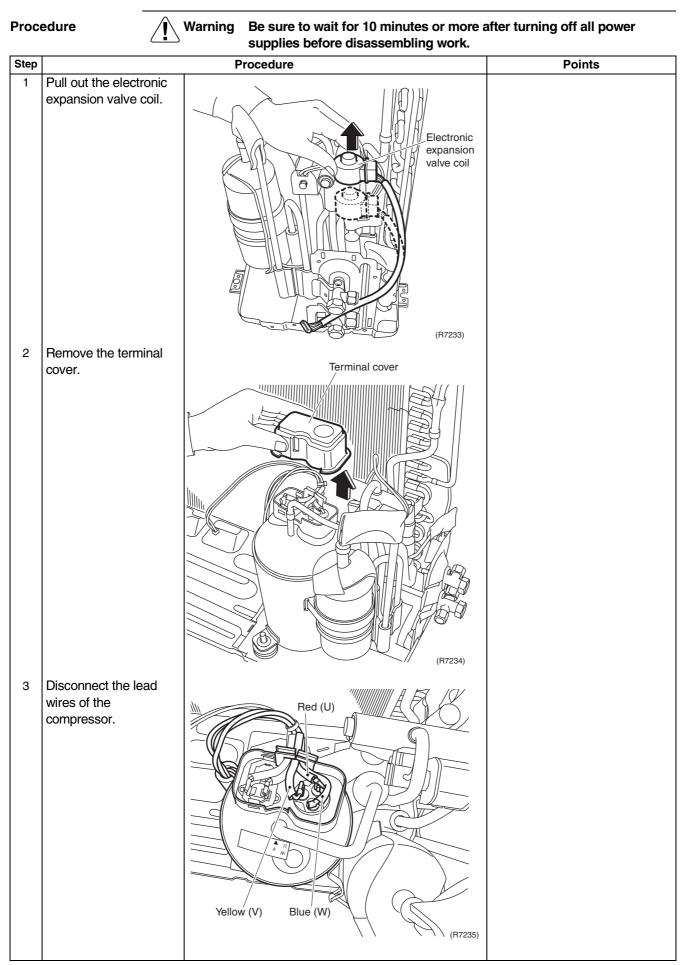


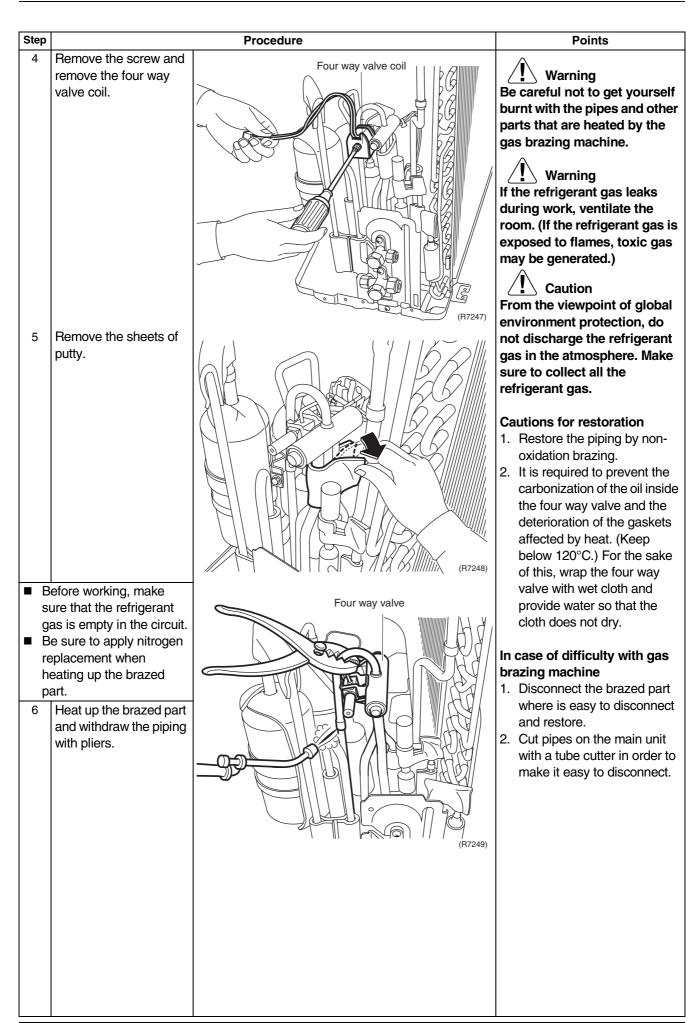
#### 5. Removal of Sound Blanket

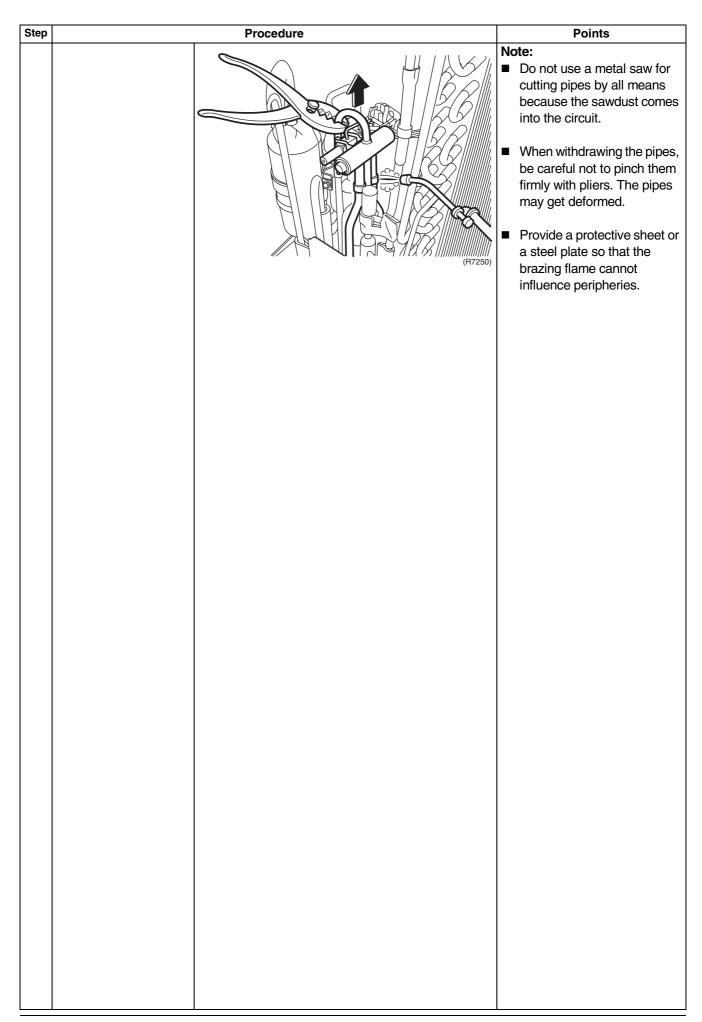




#### 6. Removal of Four Way Valve



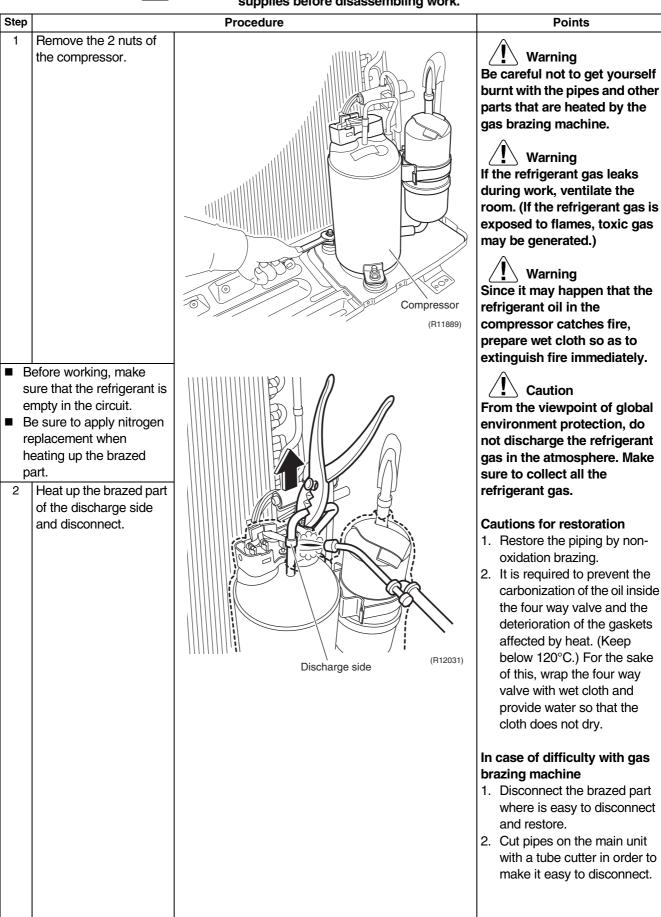


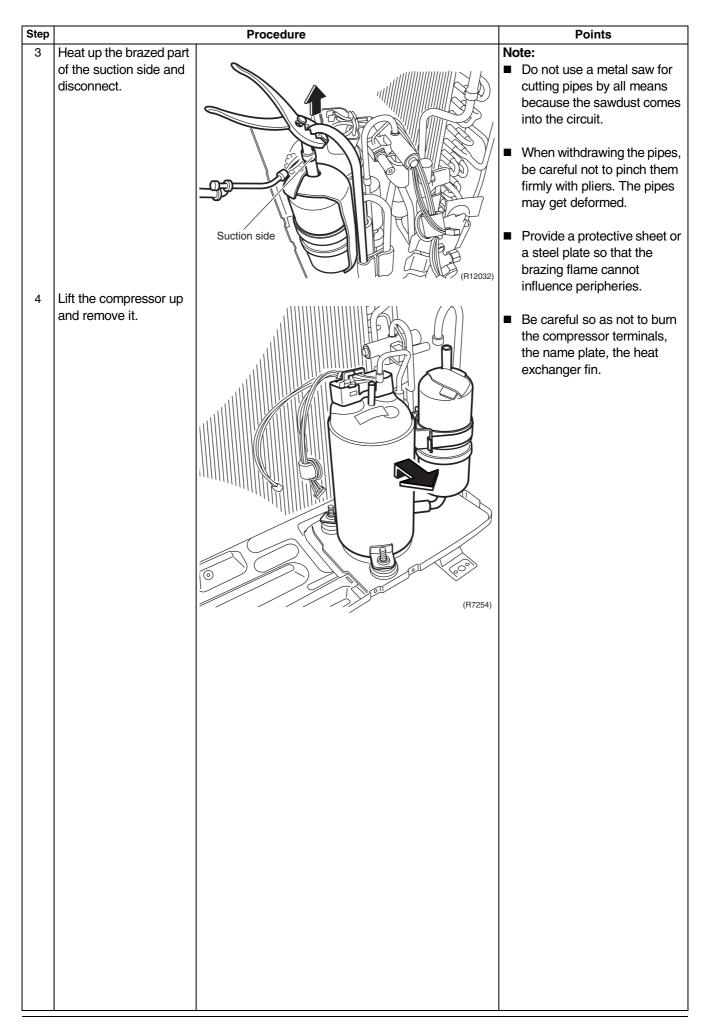


#### 7. Removal of Compressor



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





## **Revision History**

Month / Year	Version	Revised contents
01 / 2013	Si001071	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