

Si001170

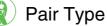


## 2.5/3.5 kW Class



Outdoor Unit







## Service Manual Removal Procedure

# **Outdoor Unit**

**Applicable Models** 

•Cooling Only RKN25KEVM RKN35KEVM

# **Table of Contents**

1.	Removal of Outer Panels	2
2.	Removal of Outdoor Fan / Fan Motor	4
3.	Removal of Electrical Box / PCB	7
4.	Removal of Sound Blankets	.16
5.	Removal of Electronic Expansion Valve	.18
6.	Removal of Compressor	.19

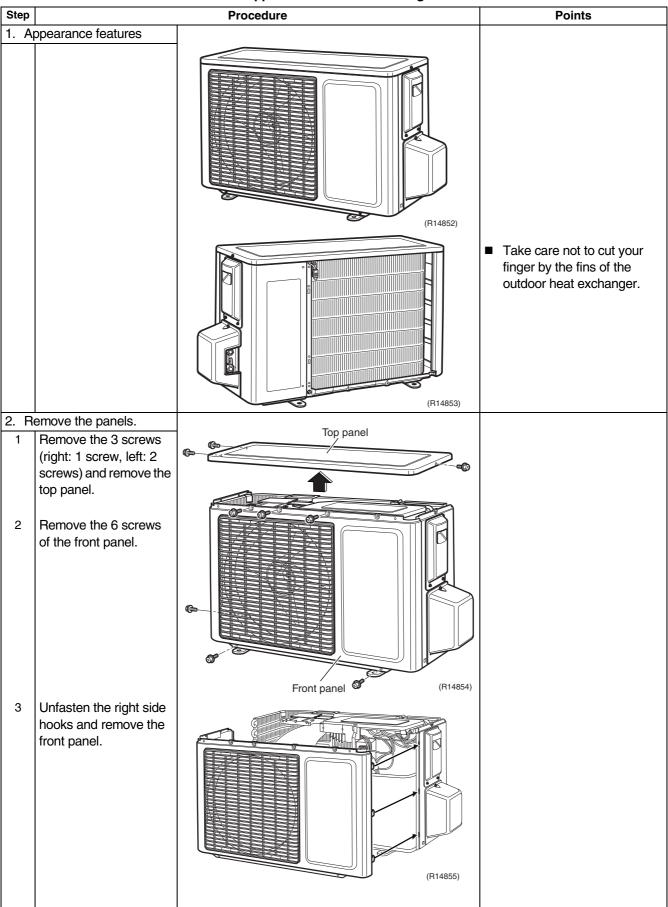


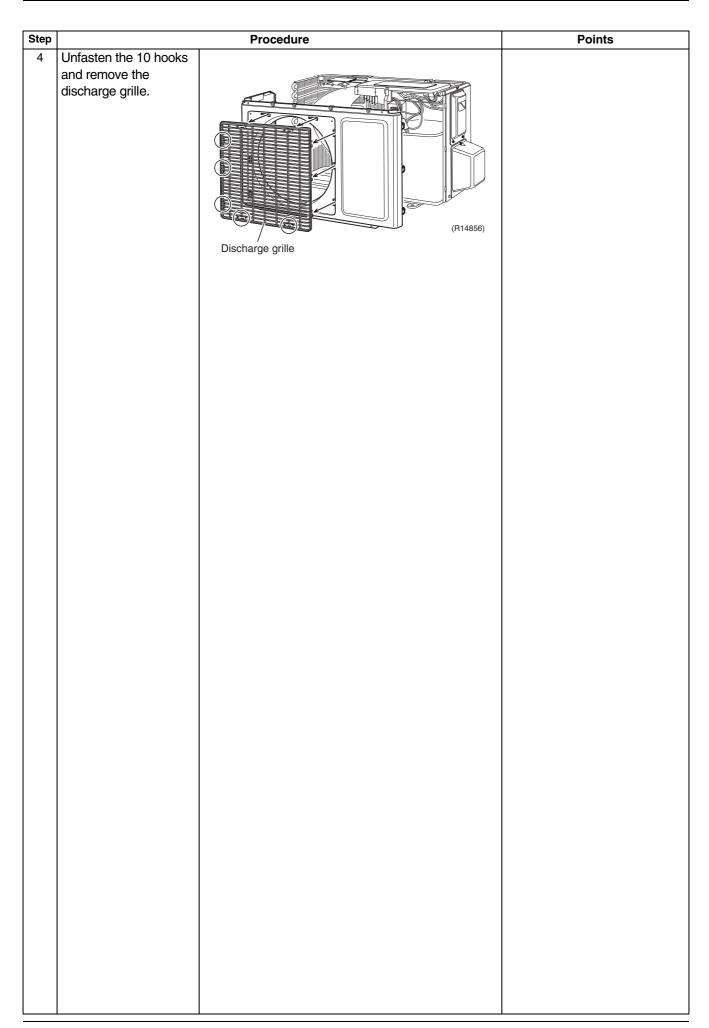
**Note:** • The illustrations may be slightly different depending on the model.

## 1. Removal of Outer Panels

#### Procedure



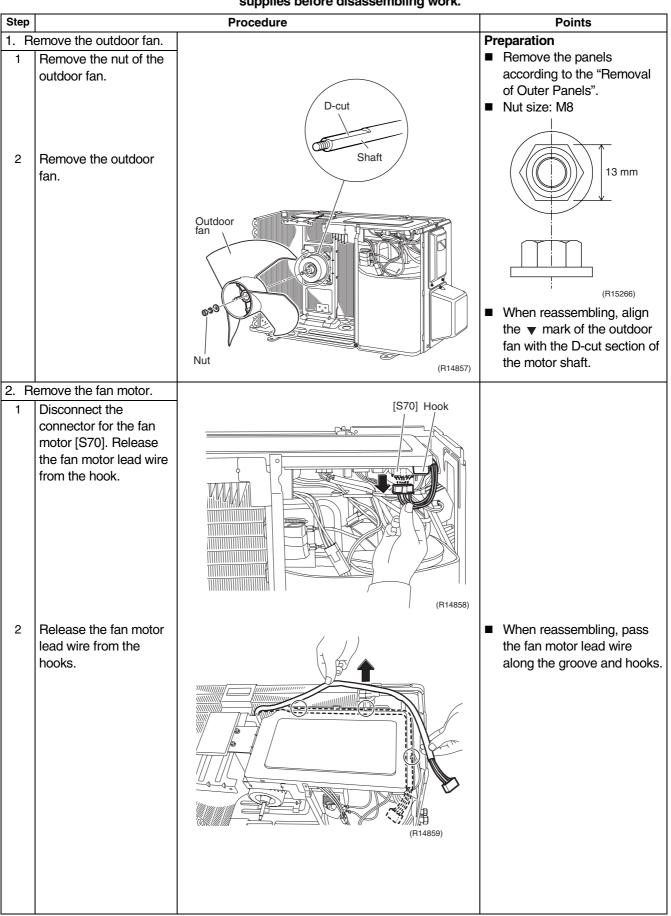


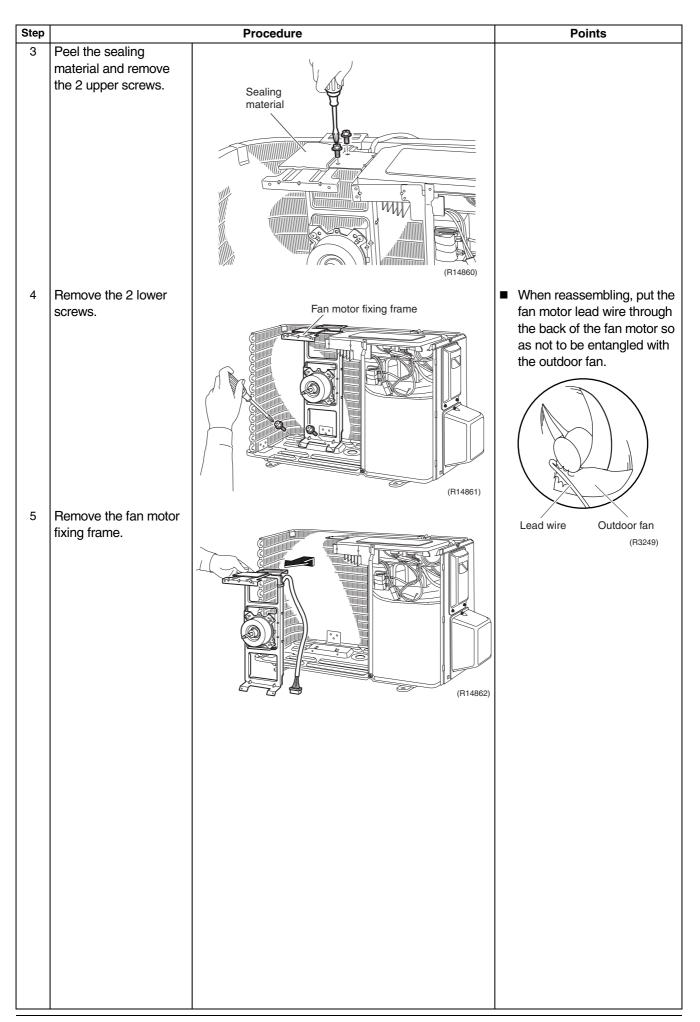


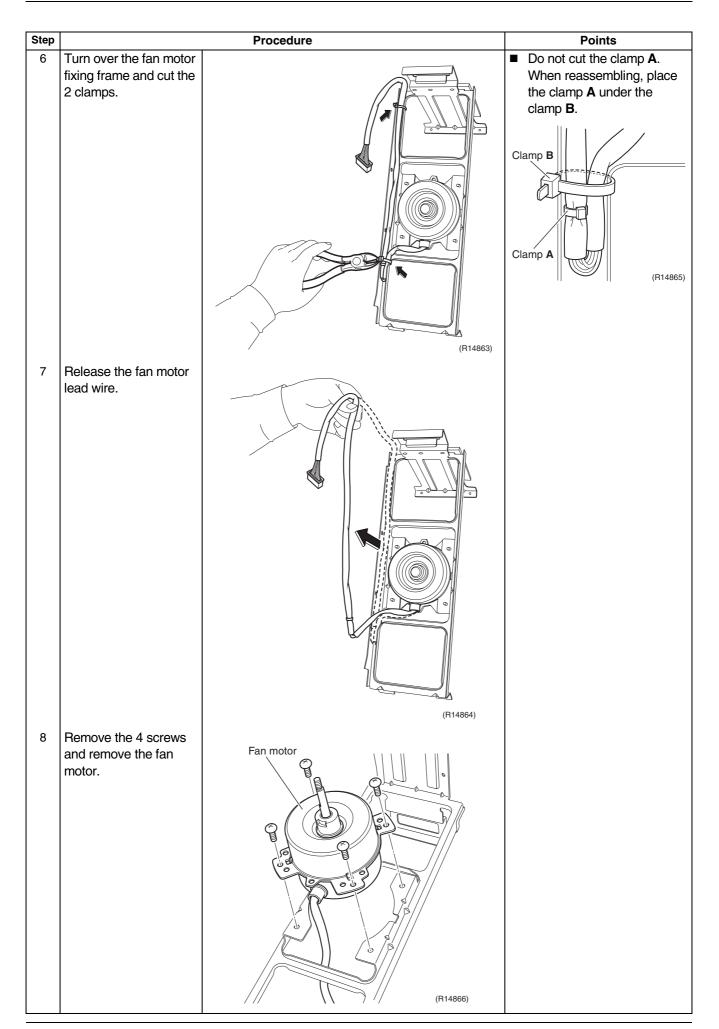
## 2. Removal of Outdoor Fan / Fan Motor



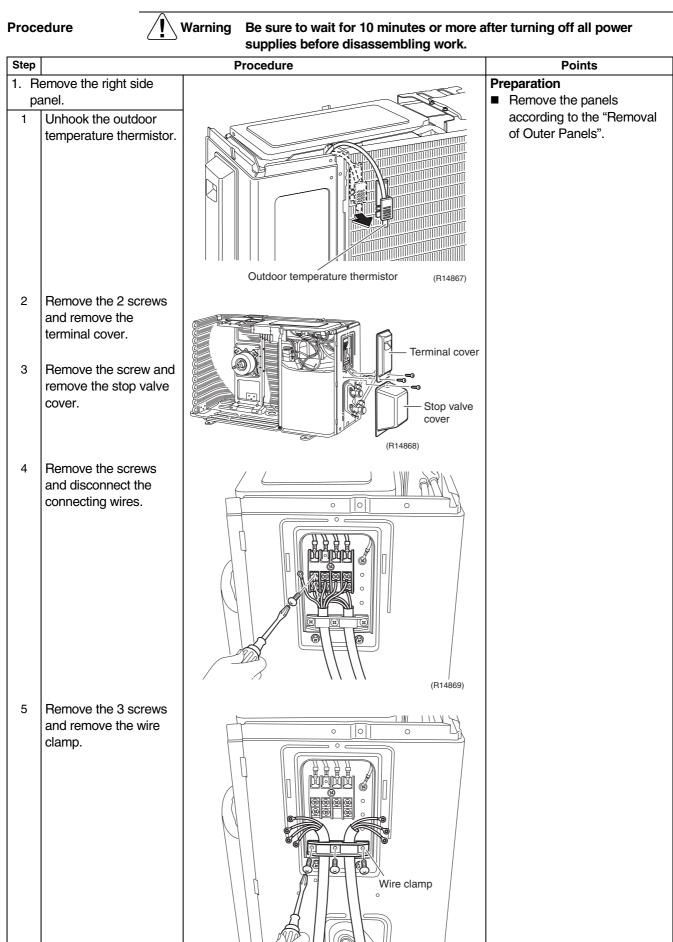
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



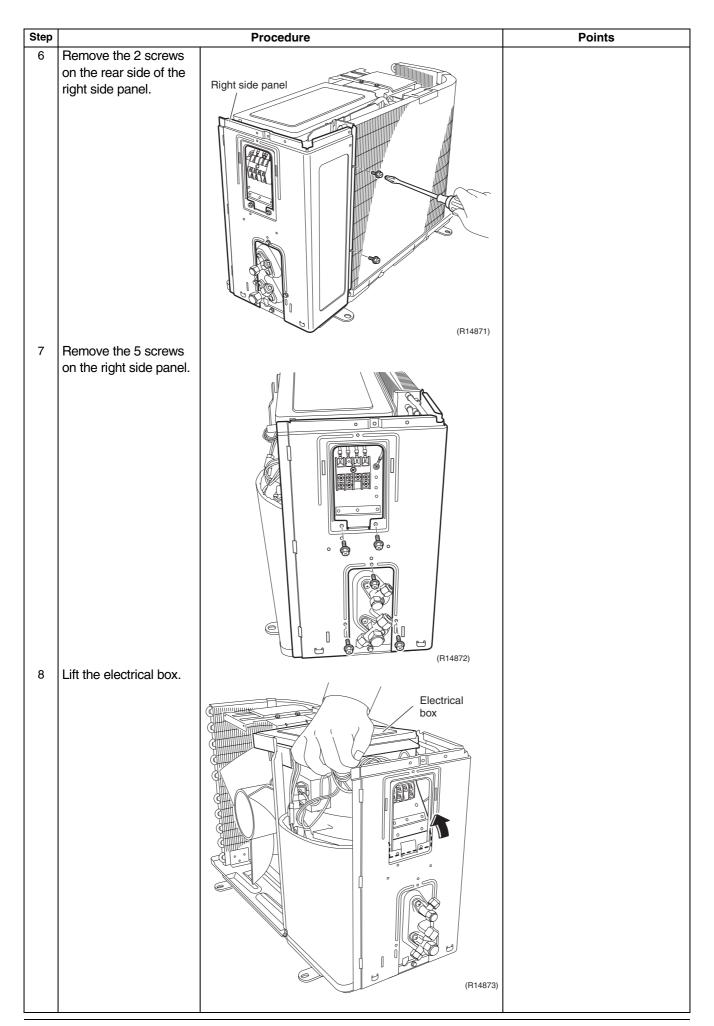




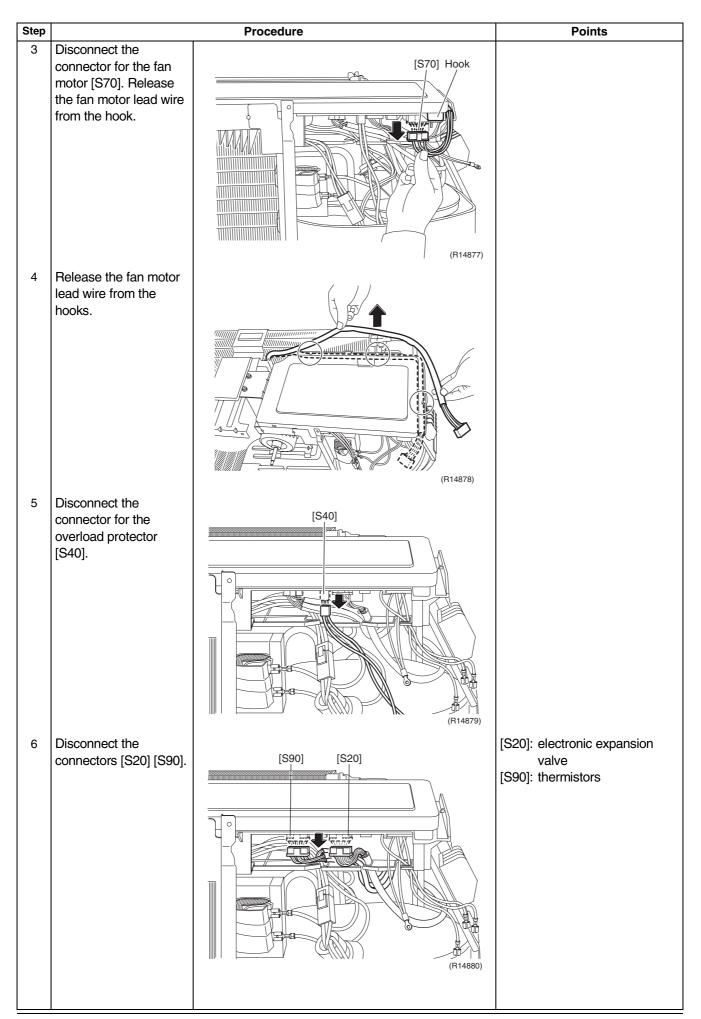
## 3. Removal of Electrical Box / PCB

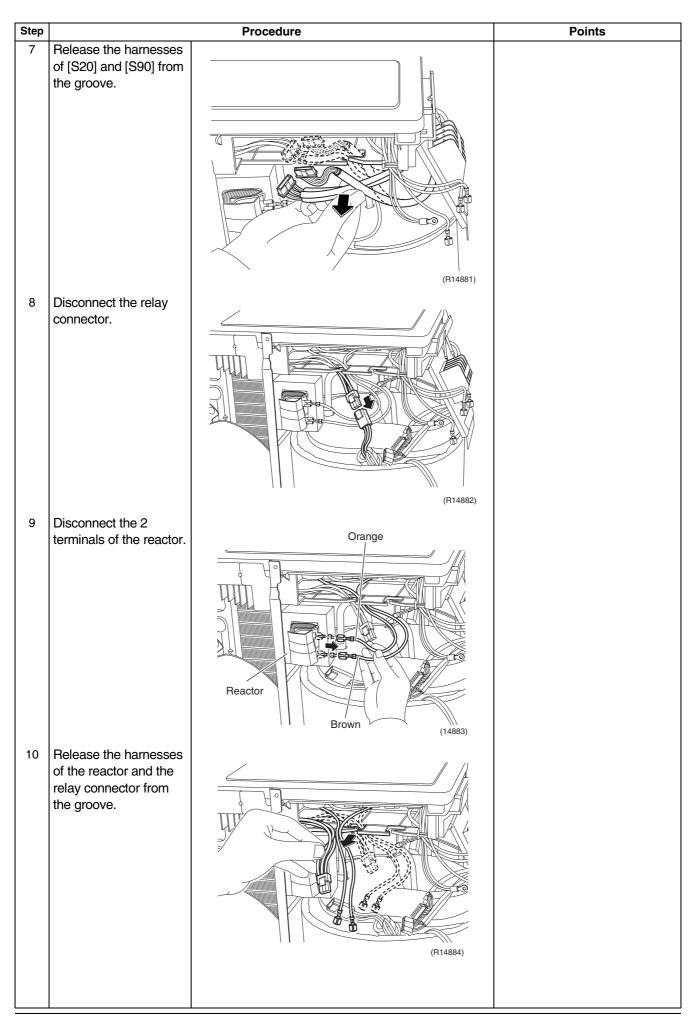


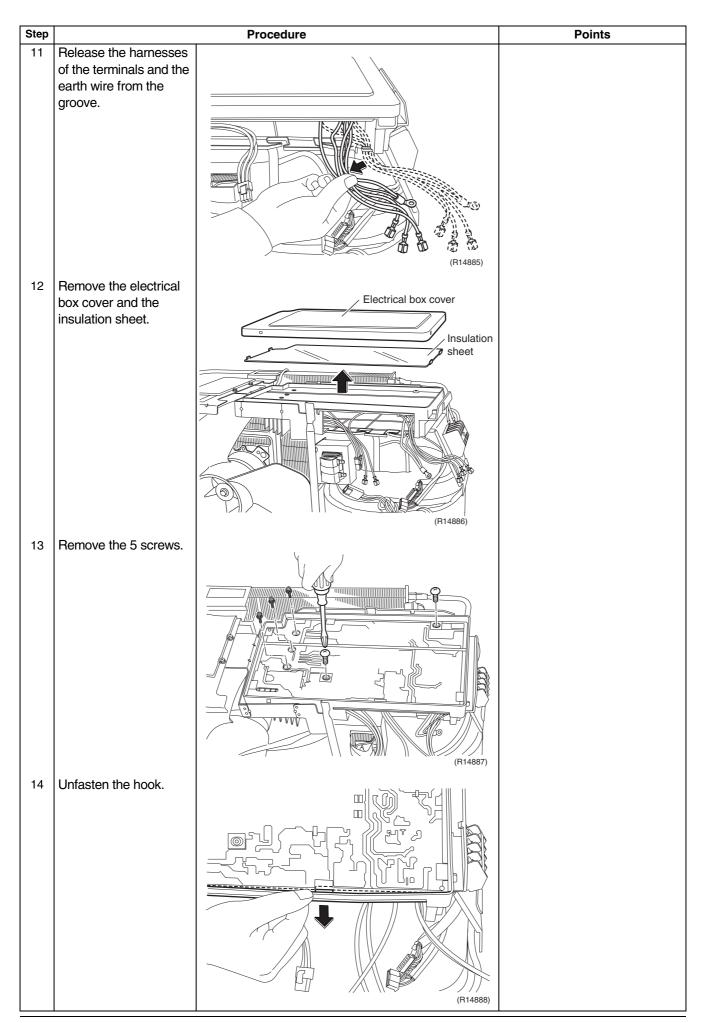
(R14870)

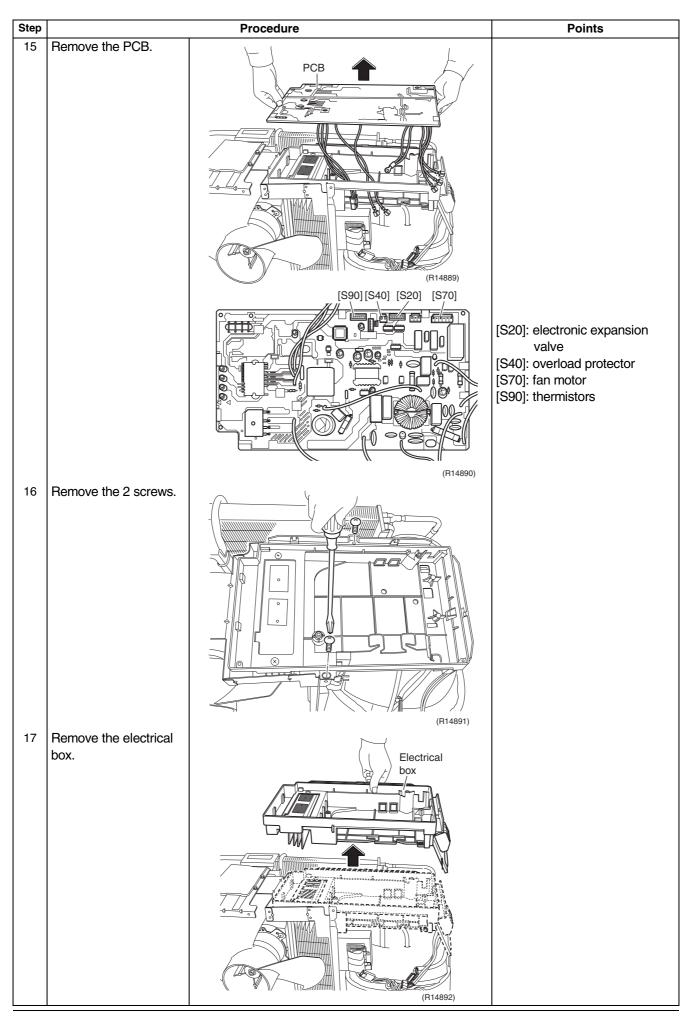


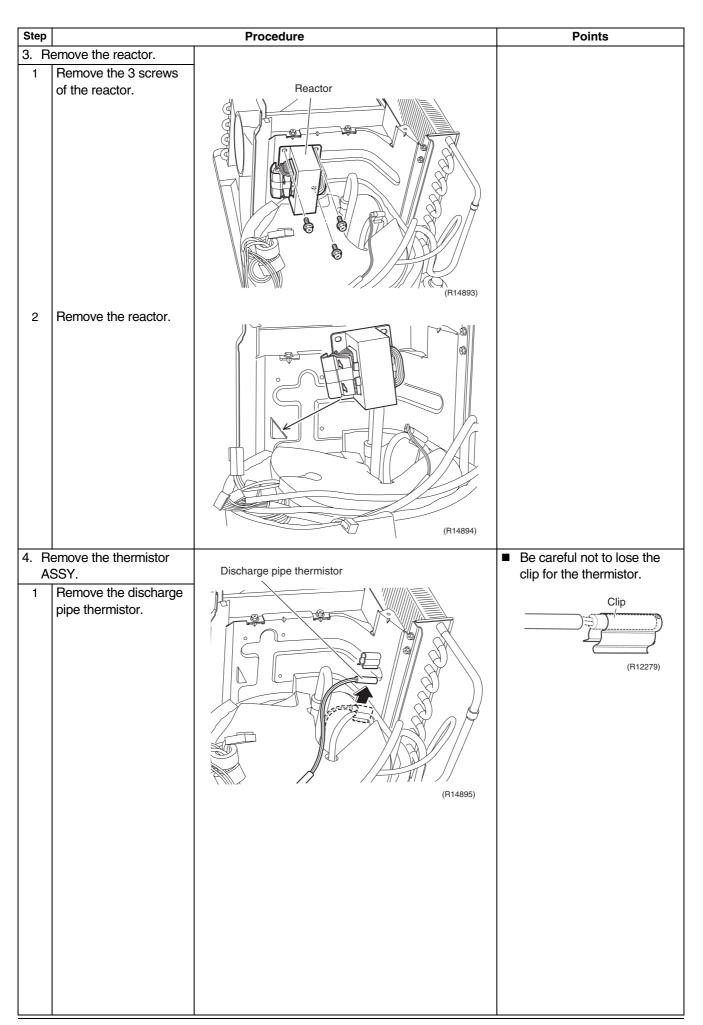
Step		Procedure	Points
9	Unfasten the 3 hooks,		When reassembling, make
	and remove the right side panel.	Image: Constrained state         Image: Constate         Image: Constate <td>sure to fit the hook.</td>	sure to fit the hook.
		(R14874)	
2. R	emove the electrical box.		1 : black, upper
1	Pull out the terminals from the terminal board.	Red Black White (R14875)	2 : white, lower 3 : red, upper ≟ : green, lower
2	Remove the screw and release the earth wire.	Earth (R14876)	









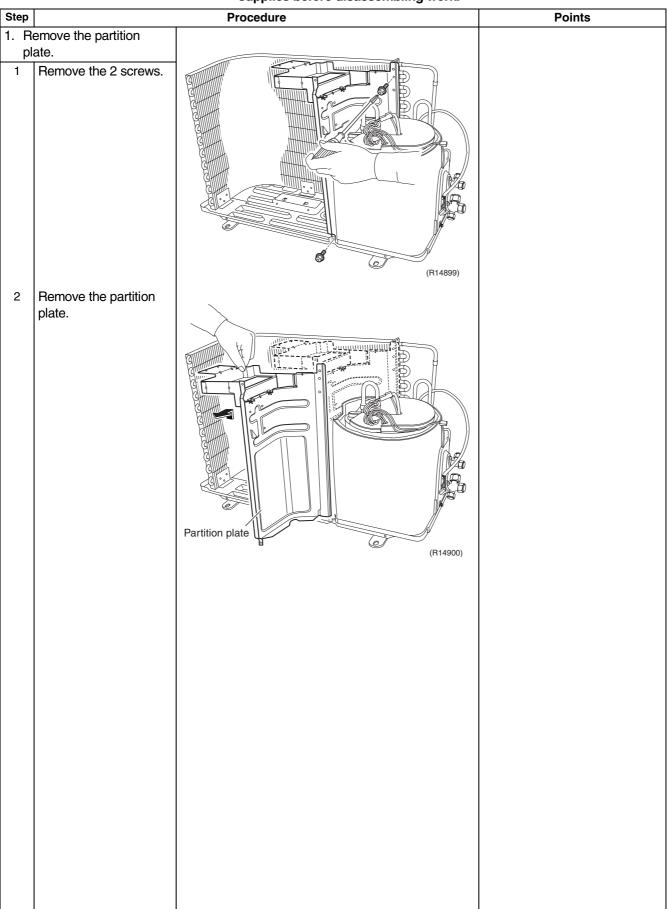


Step		Procedure	Points
2	Cut the clamp.	(R14896)	When reassembling, fix the outdoor heat exchanger lead wire and the harness of the electronic expansion valve with a clamp.
3	Pull out the outdoor heat exchanger thermistor.	Otdor heat exchanger thermistor       (F1497)	
4	Remove the thermistor ASSY.	(P14898)	

## 4. Removal of Sound Blankets

#### Procedure

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

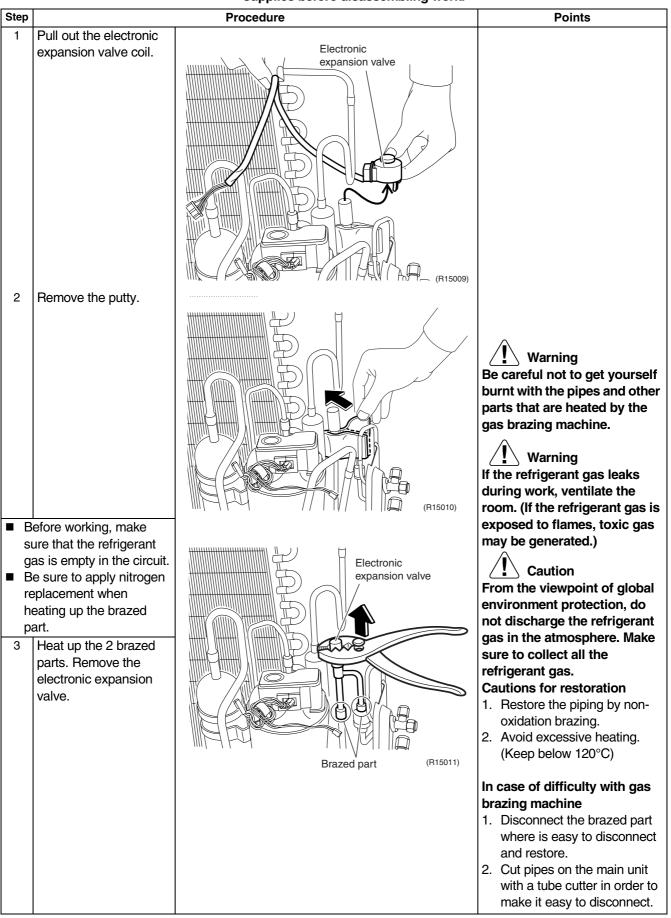


Step		Procedure	Γ	Points
	emove the sound			Since the piping ports on the
bl	ankets.	Sound blanket (top)		sound blanket are torn
1	Lift and remove the sound blanket (top).	Image: Contract of the second seco		easily, remove the blanket carefully.
2	Pull the sound blankets (outer) out.	Sound blanket       Ettaget         Output       Ettaget		
3	Pull the sound blanket (inner) out.	Output       Output         Output       Output <td< th=""><th></th><th></th></td<>		

## 5. Removal of Electronic Expansion Valve

#### Procedure

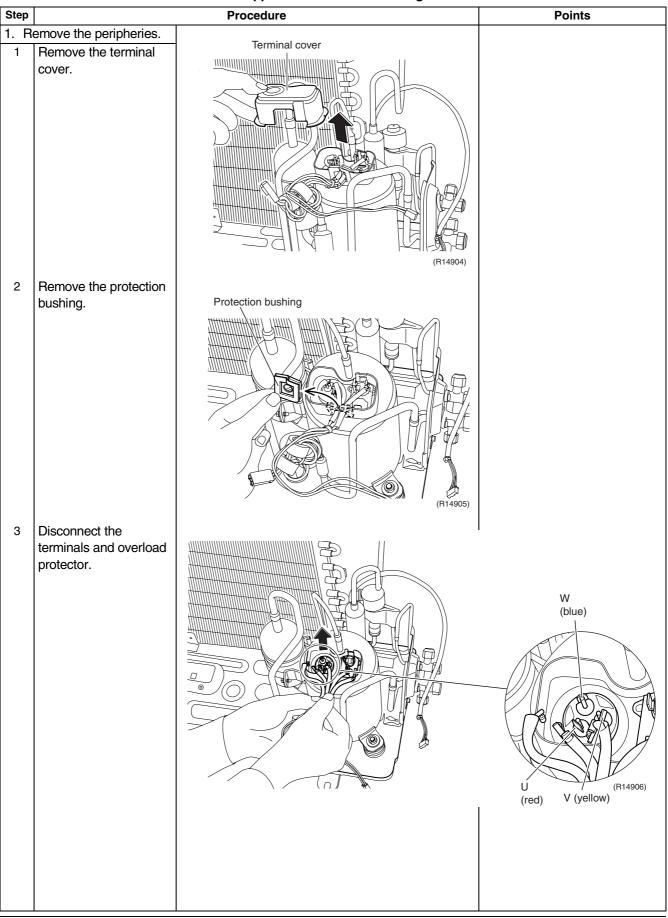
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

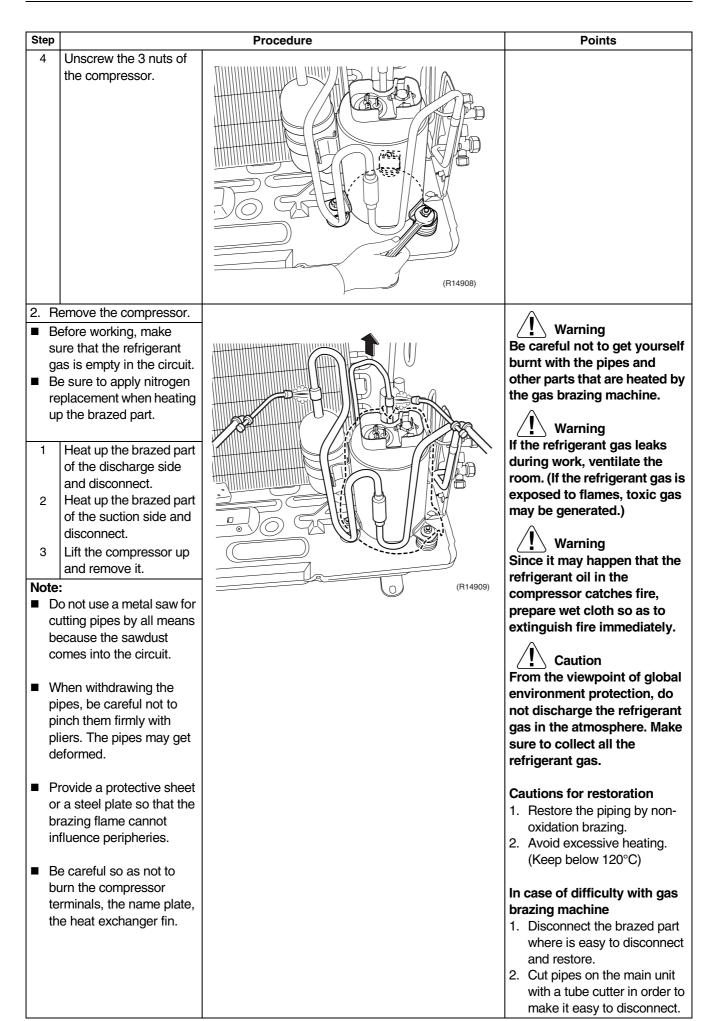


### 6. Removal of Compressor

#### Procedure

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
08/2012	Si001170	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