

Si00-774



5.0/5.6/6.0/7.1 kW Class 15000/18000/24000 Btu/h Class



Outdoor Unit



Pair Type



Service Manual Removal Procedure

Outdoor Unit

•Cooling Only RKD15GV2S RKD18GV2S

RKD50BVM RKD60BVM RKD71BVM

RKD50BVMA RKD60BVMA RKD71BVMA Heat Pump
 RX15FVJU
 RX18FVJU
 RX24FVJU

RX56AV1C

RXD50BVMA RXD60BVMA RXD71BVMA

RXD50CMVMC

RXD60DMV2C RXD71DMV2C

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	Removal of Outdoor Fan / Fan Motor Removal of PCBs / Electrical Box Removal of Reactor Removal of Sound Blankets Removal of the Four Way Valve Removal of Electronic Expansion Valve



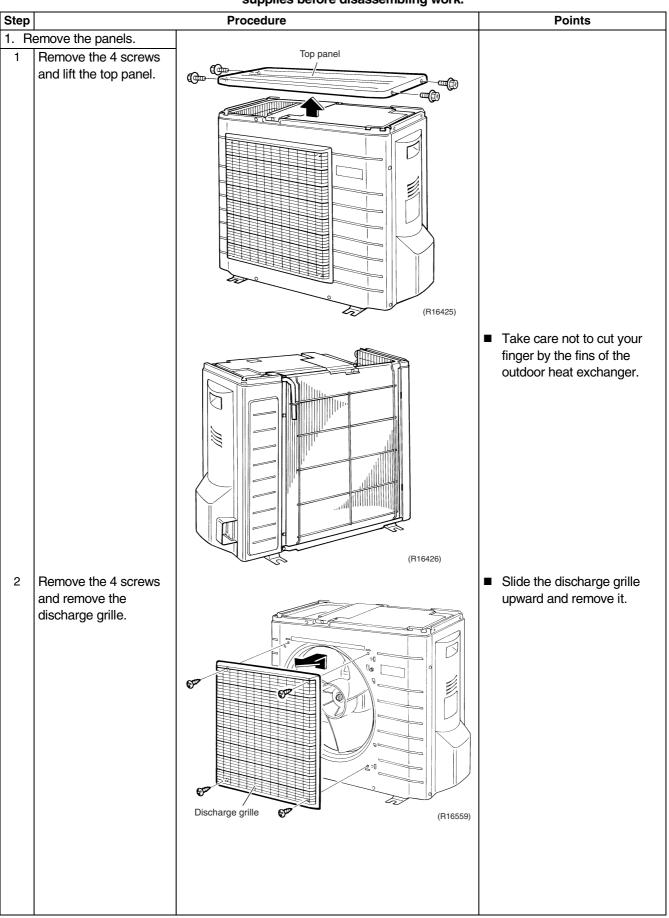
- The illustrations may be slightly different depending on the model.The illustrations are for heat pump models as representative.
- The industrations are for heat pump models as representative.

1. Removal of Outer Panels

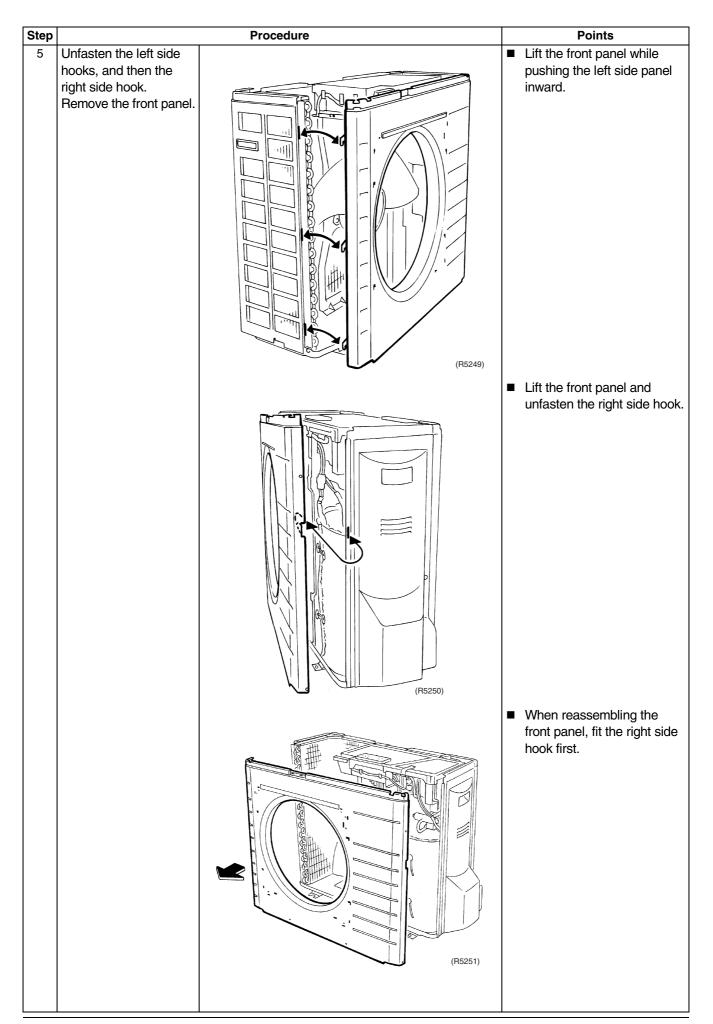
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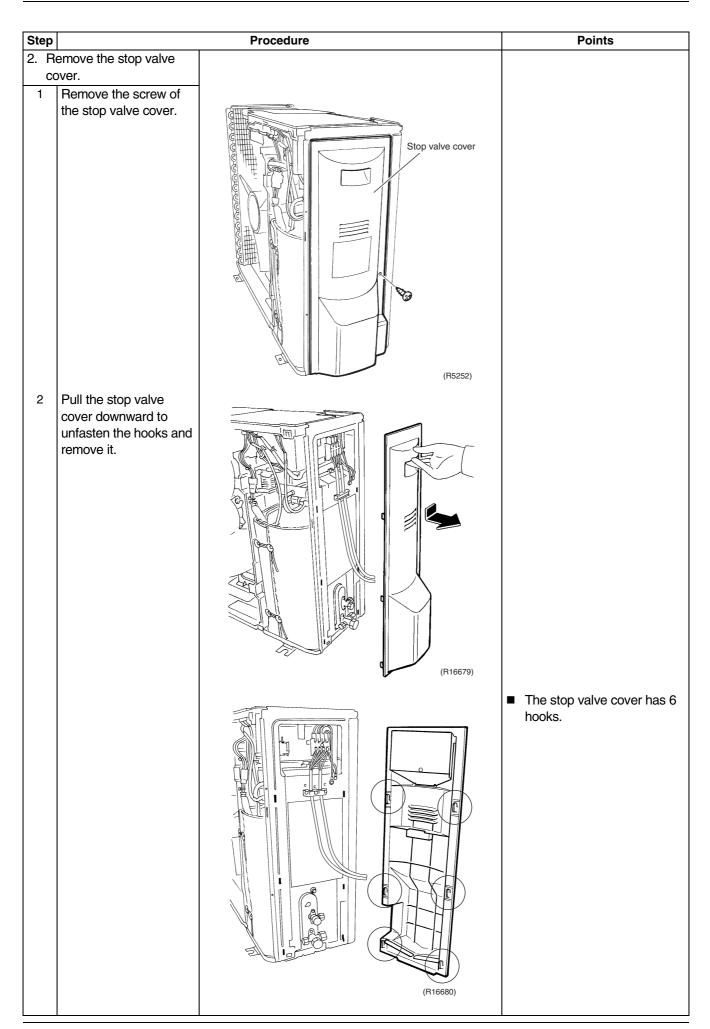
Procedure

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



Step		Procedure	Points
			The discharge grille has 4 hooks.
3	Remove the 6 screws of the front panel.	Front panel	
4	Push the front panel and lift the shield plate to unfasten the hooks.	(1) Push the front panel (2) Lift the shield plate upwards. (R16560)	

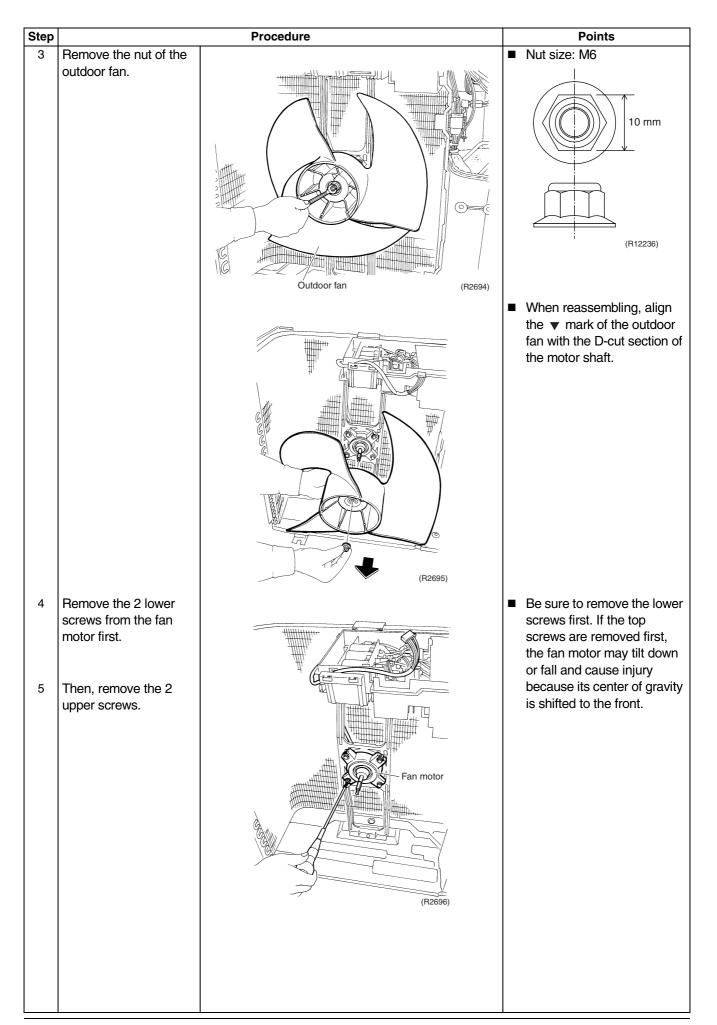




2. Removal of Outdoor Fan / Fan Motor

Procedure $/ \mathbb{N}$ Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work. Step Procedure Points 1. Remove the electrical box Preparation cover. Remove the top panel and Shield plate the front panel according to Remove the screw of 1 the "Removal of Outer the shield plate. Panels". This procedure is not necessary to remove the outdoor fan only. Claws (R16429) 2 Unfasten the 2 hooks and remove the shield plate. (R17063) 3 Release the 4 hooks of the electrical box cover and remove it. Electrical box cover 7/111 (R2690)

Step		Procedure	Points
		(R16431)	
	emove the fan motor.		
2	Disconnect the connector for the fan motor [S70]. The illustration shows arrangement of the fan motor lead wire.		

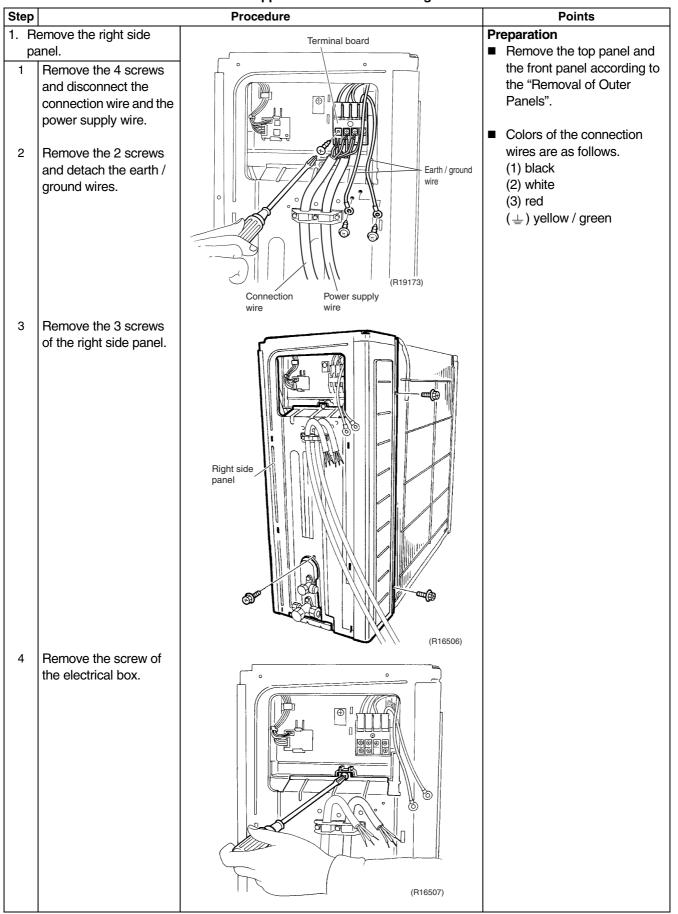


Step		Procedure	Points
6 Rele lead hook	ase the fan motor wire from the 2 and pull the fan or out.		When reassembling, put the fan motor lead wire through the back of the fan motor so as not to be entangled with the outdoor fan.

3. Removal of PCBs / Electrical Box

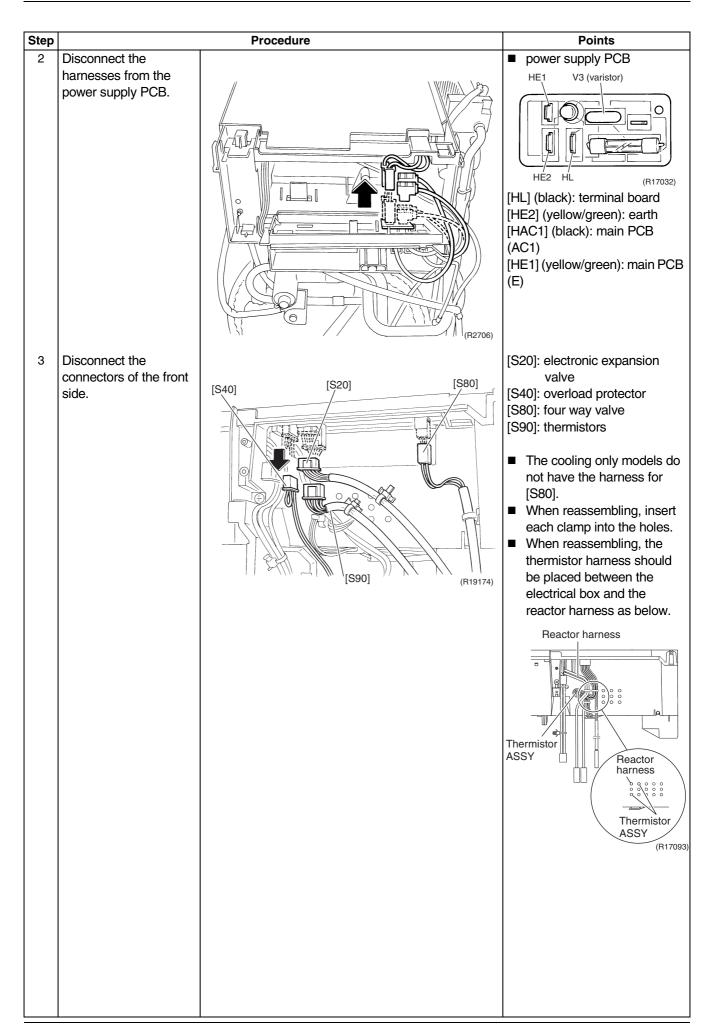


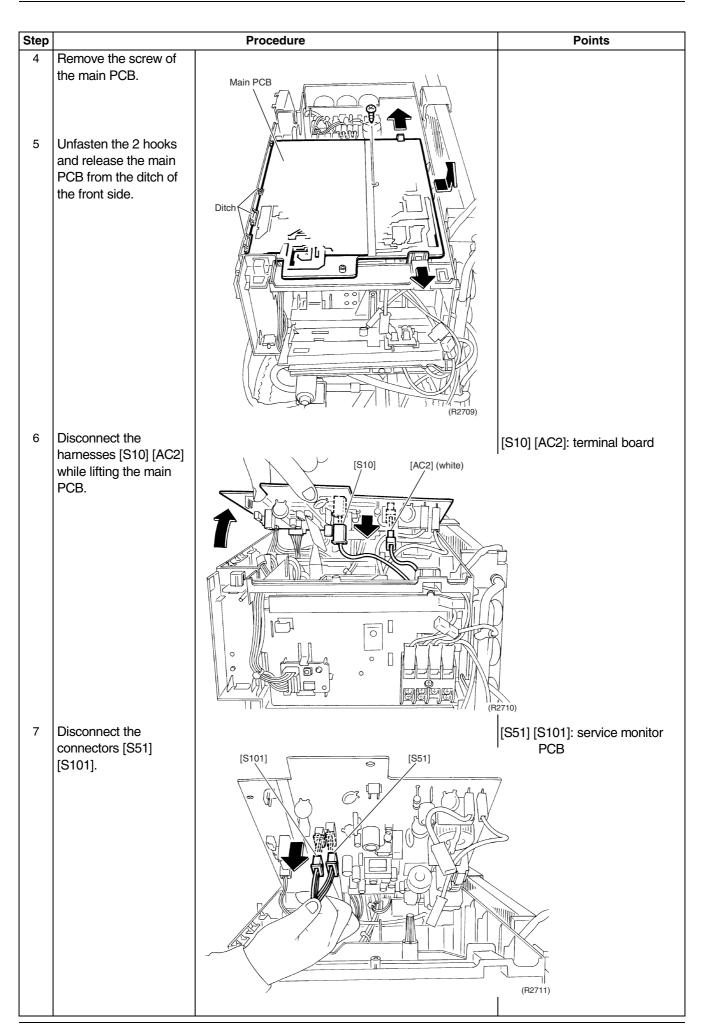
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

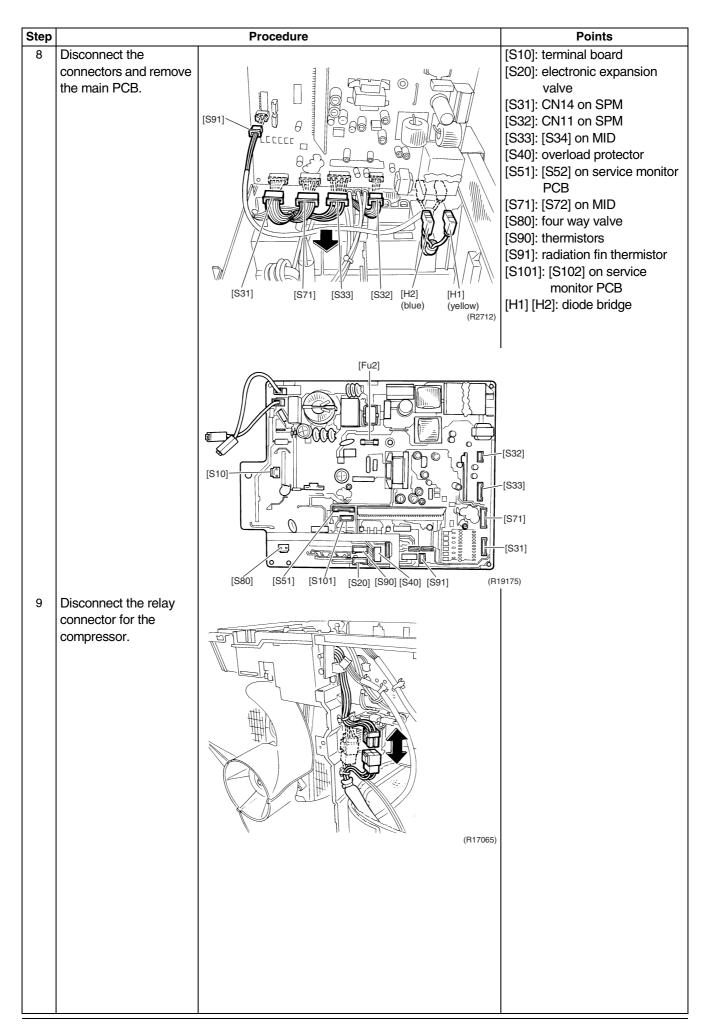


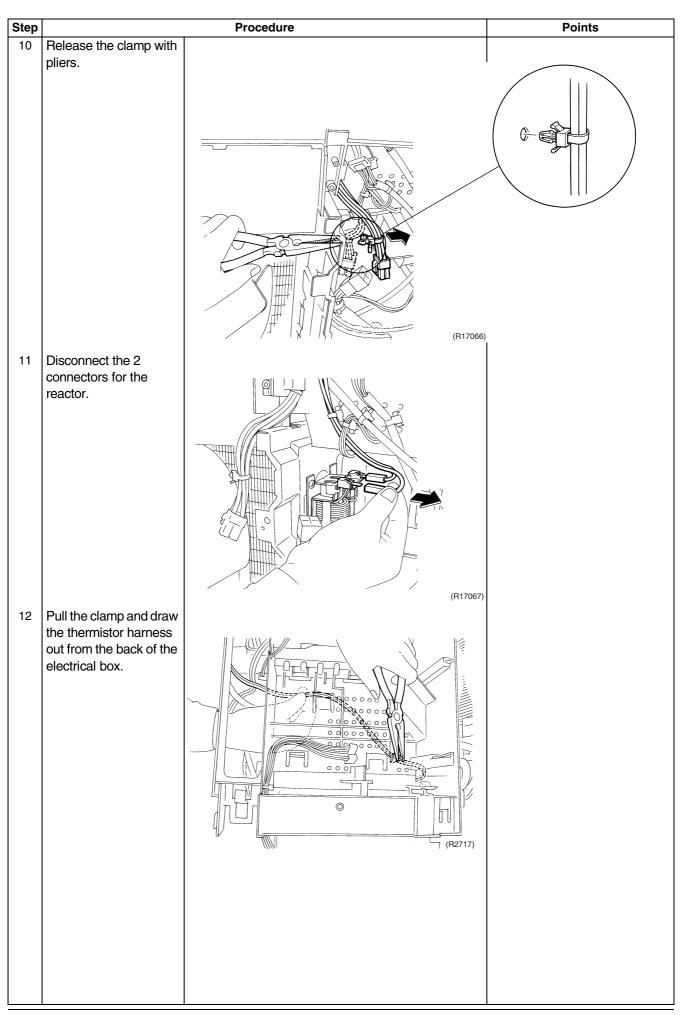
Step		Procedure	Points
5	Unfasten the hooks and remove the right side panel.	Hook Hook Hook Hook Hook Hook Hook Hook	When reassembling, insert the upper hook and the 2 lower hooks back into place.
		Hook (R7026)	
	emove the service onitor PCB.	Terminal board	
1	Release the harness		
	from the hook.	Hook	
2	Disconnect the connectors [S52] [S102] from the service monitor PCB.		
3	Remove the service monitor PCB.		
4	Remove the screw of the terminal board.	Service monitor PCB (R17064)	
3. R	emove the main PCB. Unfasten the hook to		
	release the terminal board. Open the terminal board.		

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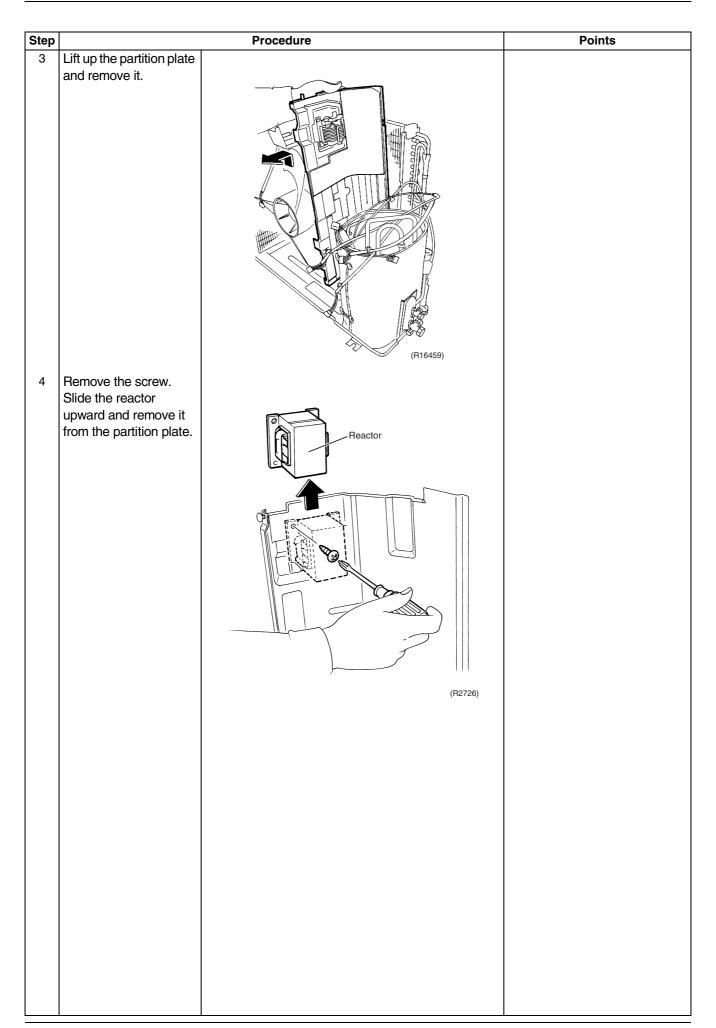
Step		Procedure	Points
		(R2718)	
13	Remove the screw of the electrical box.	(B17068)	
14	Release the clamp of the four way valve harness.	(P2720)	
15	Lift up and remove the electrical box.	(LECK)	

4. Removal of Reactor

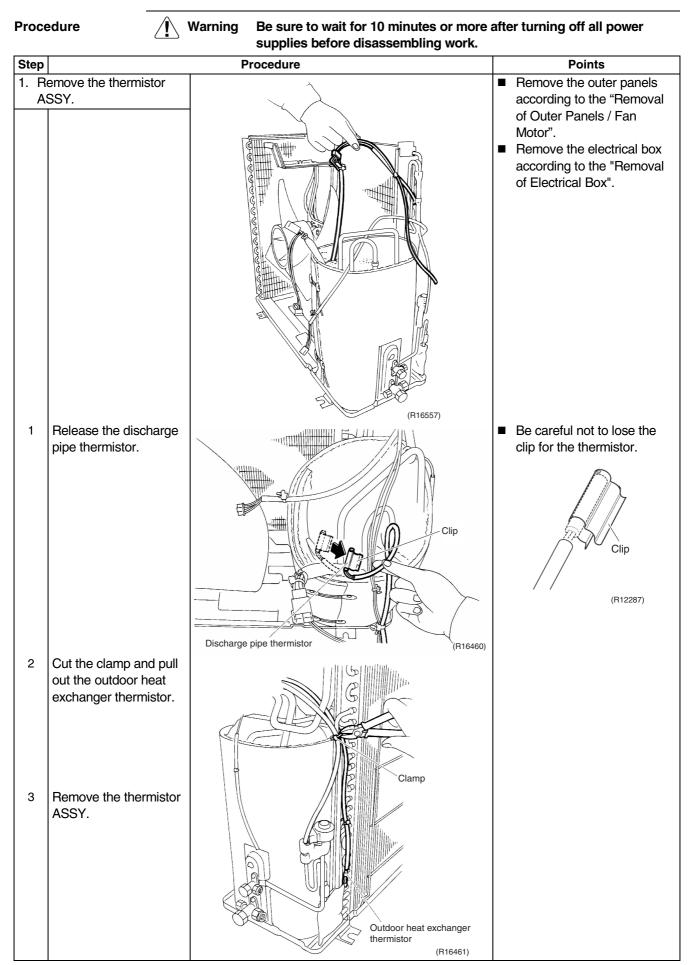
Procedure

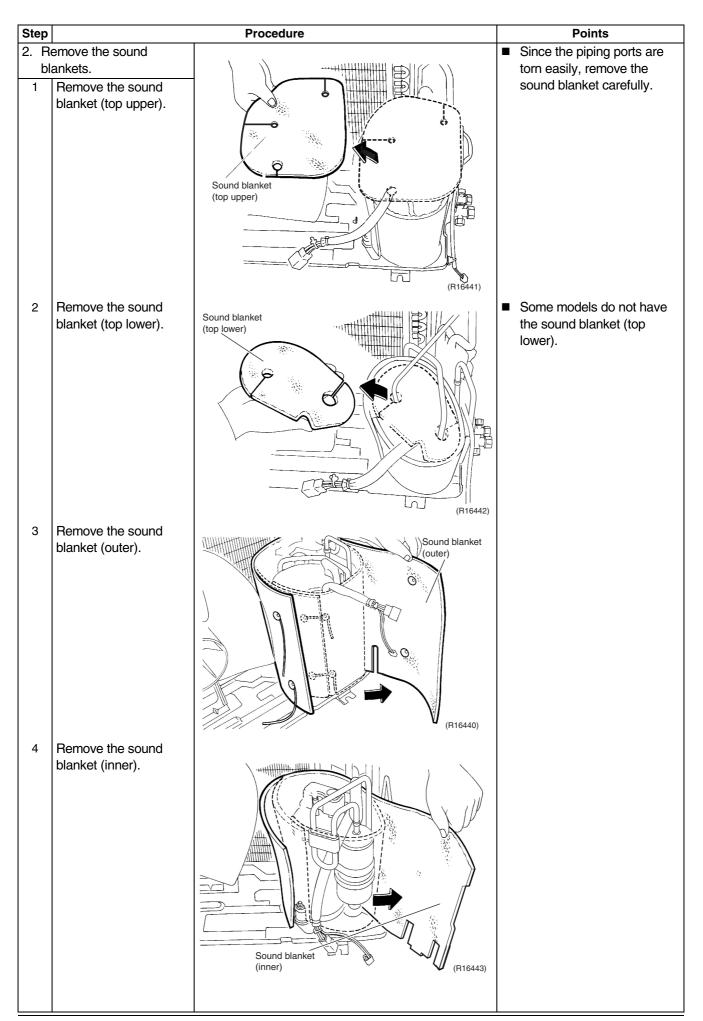
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

Step		supplies before disassembling work. Procedure	Points
1	Release the clamp with		
	pliers.	(R16508)	
2	Remove the 2 screws of the partition plate.	Image: Contract of the contract	
		(HIBSU9)	The partition plate is fixed to the bottom frame with a hook.



5. Removal of Sound Blankets

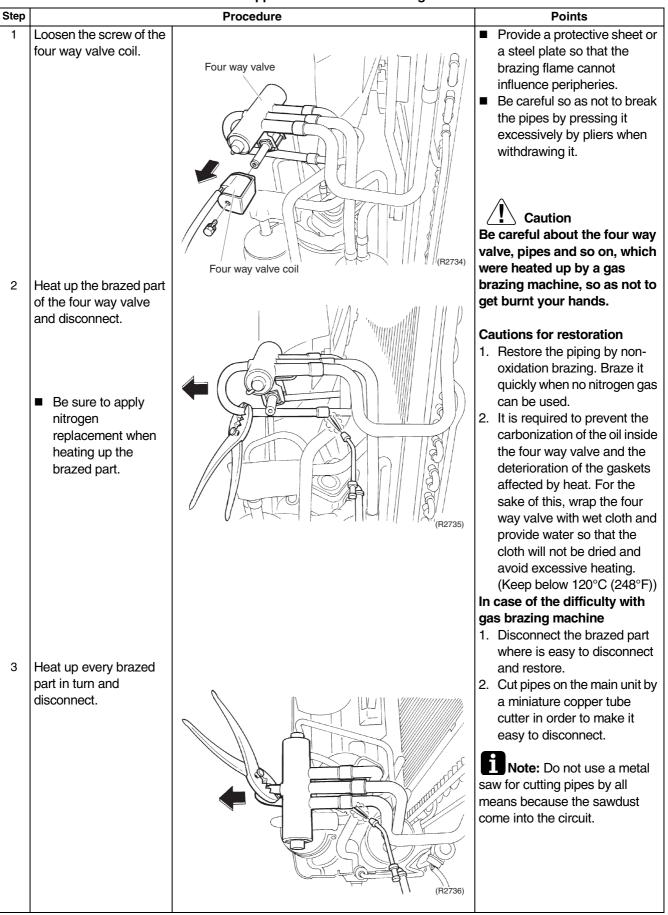




6. Removal of the Four Way Valve

Procedure

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7. Removal of Electronic Expansion Valve

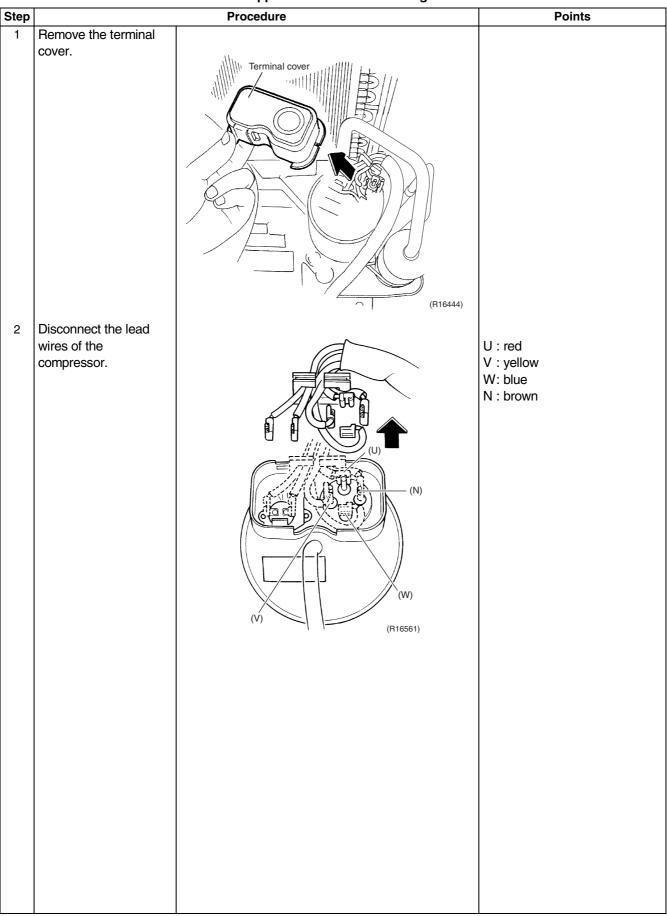
/Be sure to wait for 10 minutes or more after turning off all power Procedure Warning supplies before disassembling work. Procedure Step Points 1 Remove the electronic expansion valve coil. Electronic expansion valve coil lline (R16556) 2 Remove the sheets of putty. (R16555) Warning Before working, make Be careful not to get yourself sure that the refrigerant burnt with the pipes and Electronic expansion valve gas is empty in the circuit. other parts that are heated by Be sure to apply nitrogen the gas brazing machine. replacement when heating up the brazed part. Warning 3 Heat up the 2 brazed If the refrigerant gas leaks parts of the electronic during work, ventilate the expansion valve and room. (If the refrigerant gas is remove it. exposed to flames, toxic gas may be generated.) Caution From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.

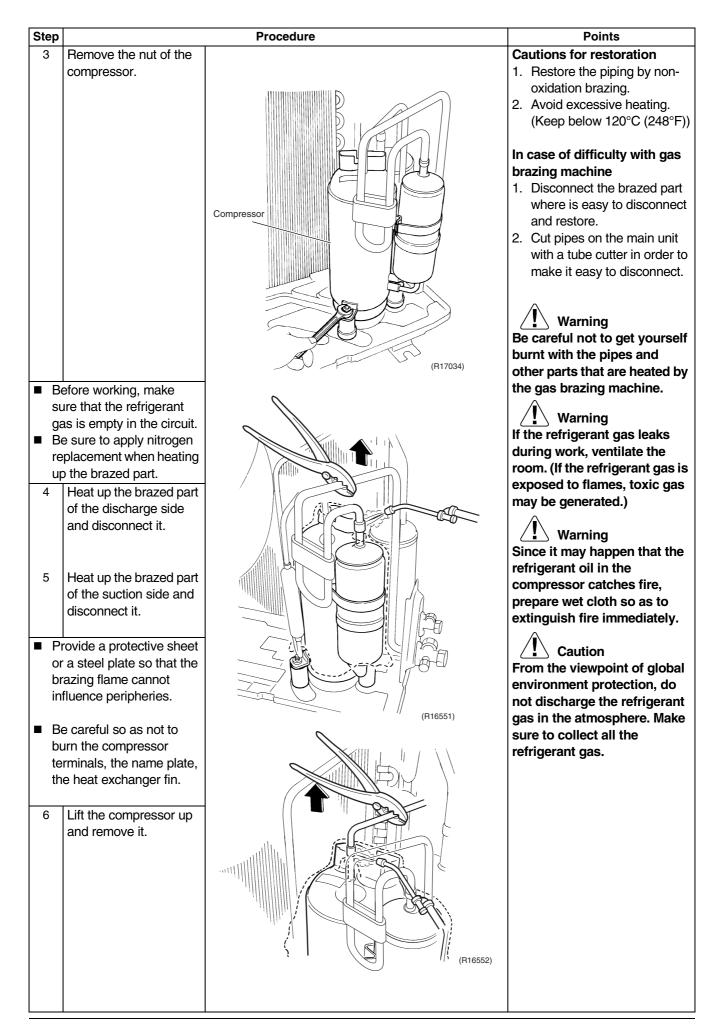
8. Removal of Compressor

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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
07 / 2013	Si00-774	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.

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