

Si00-974



2.5/3.2/3.5 kW Class



Outdoor Unit



🔰 Pair Type



Service Manual Removal Procedure

Outdoor Unit

•Heat Pump RXS25HV2C

RXP25HV2C RXP32HV2C RXP35HV2C

Table of Contents

1.	Removal of Outer Panels	2
2.	Removal of Outdoor Fan / Fan Motor	4
З.	Removal of Electrical Box / PCBs	6
4.	Removal of Sound Blankets	14
5.	Removal of Four Way Valve	16
6.	Removal of Compressor	19



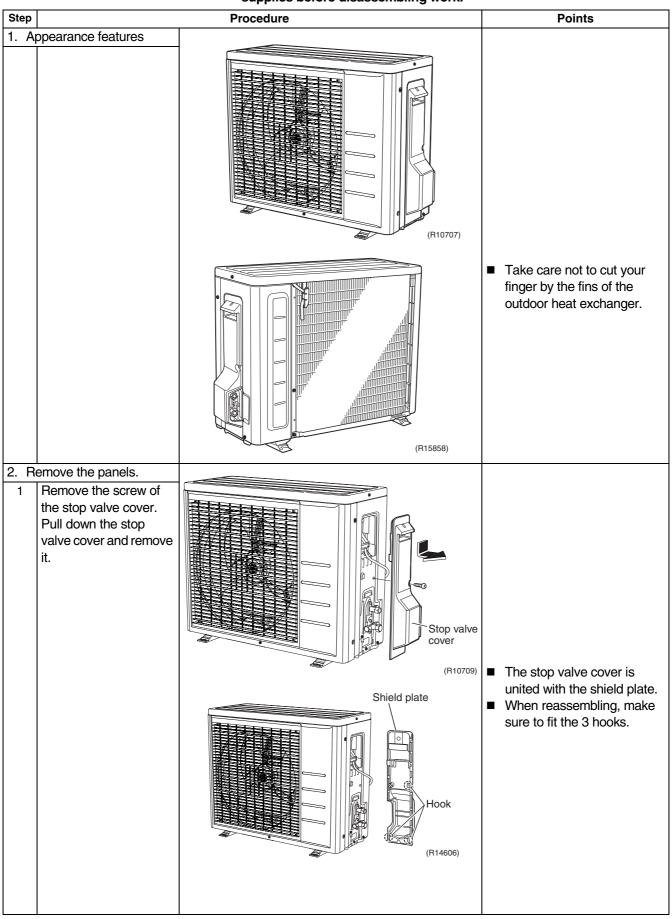
Note: • The illustrations may be slightly different depending on the model.

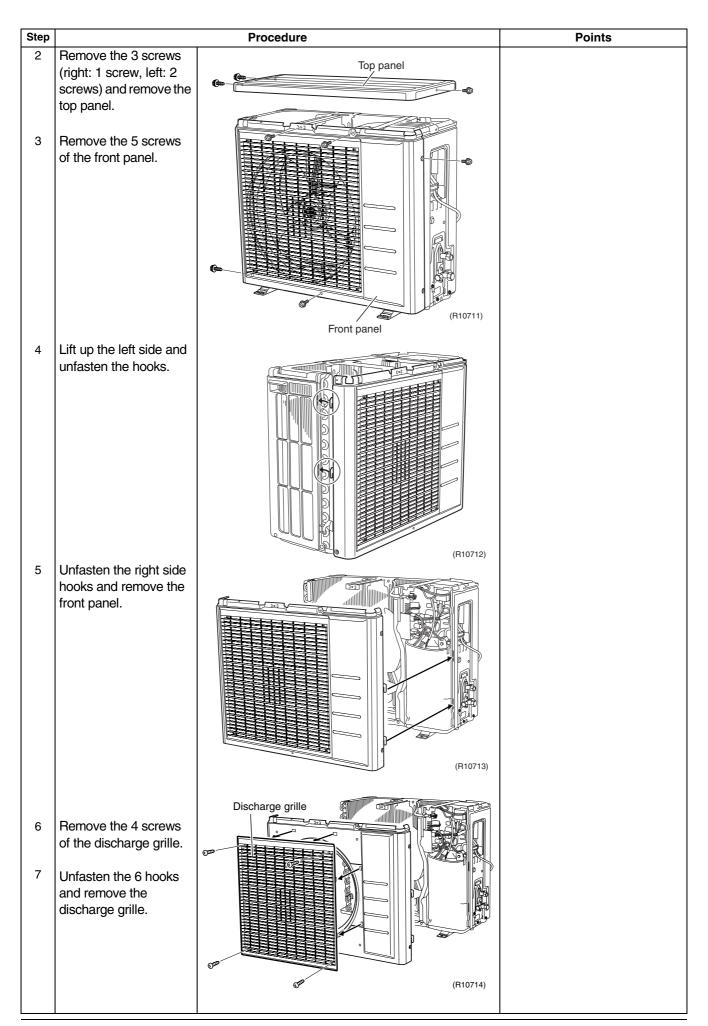
1. Removal of Outer Panels

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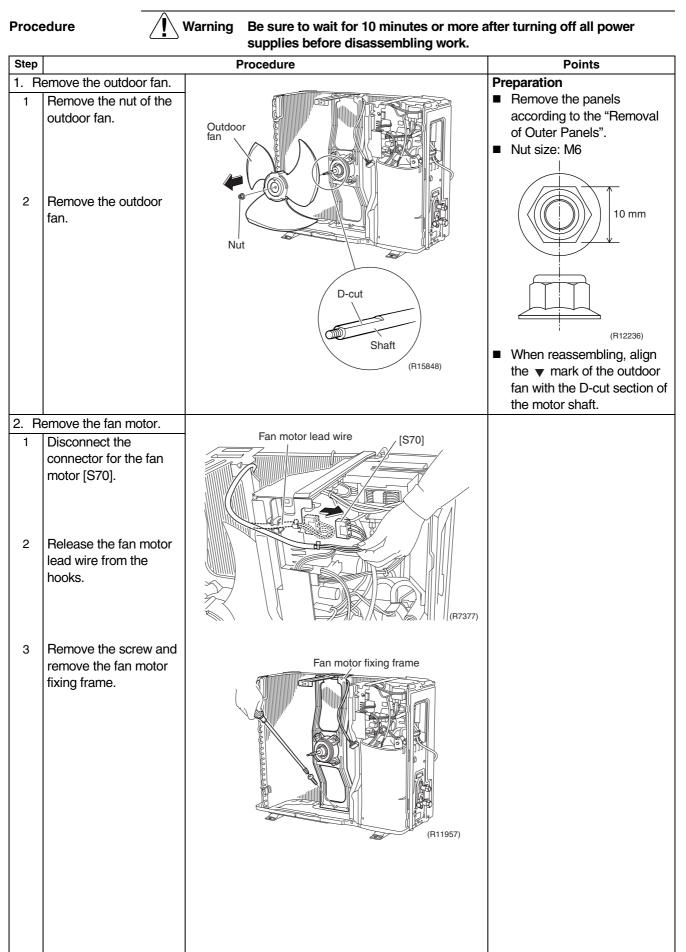
Procedure

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



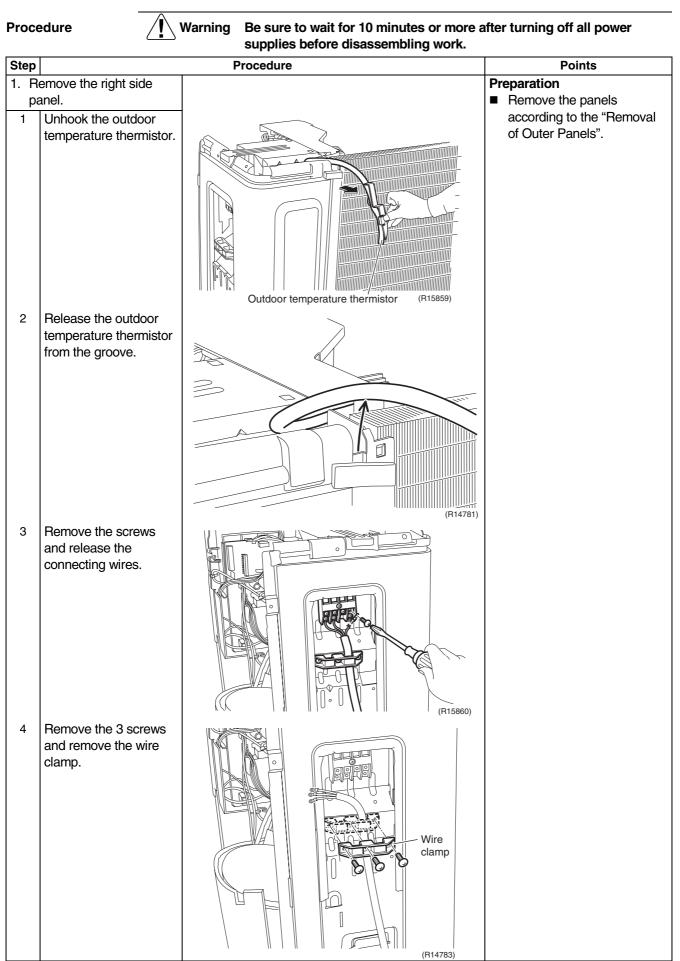


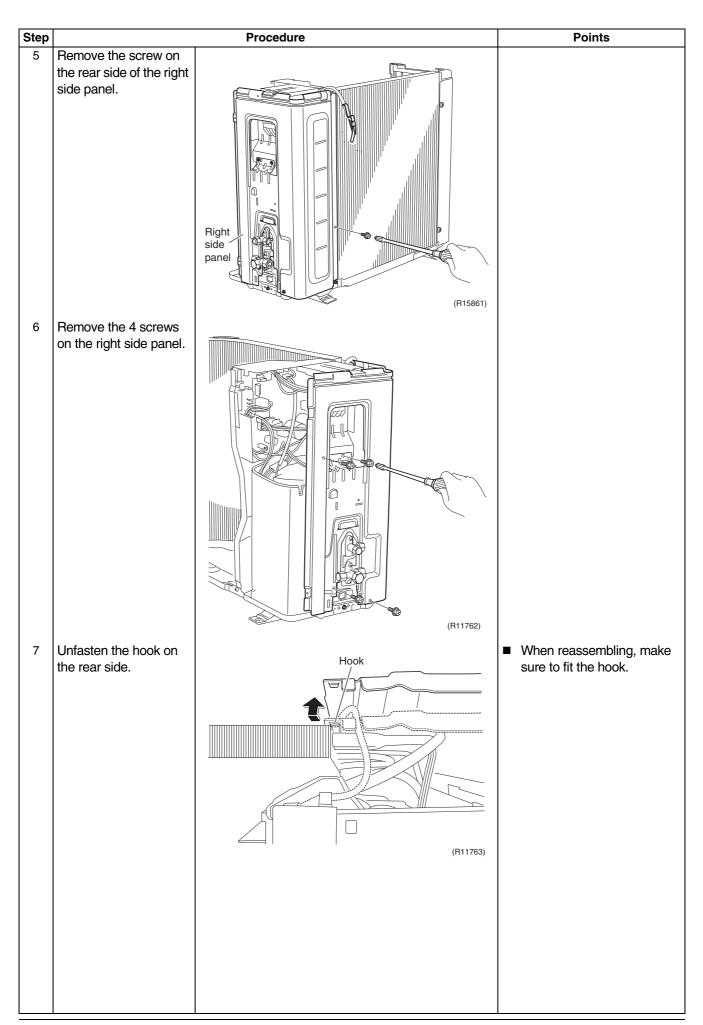
2. Removal of Outdoor Fan / Fan Motor

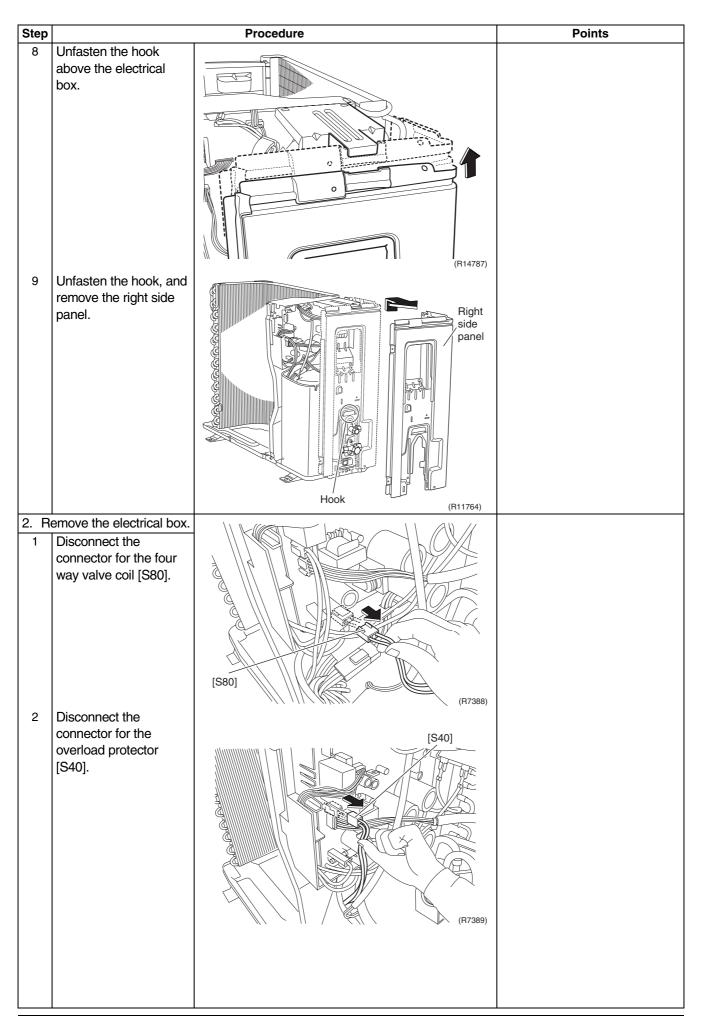


Step		Procedure	Points
4	Release the fan motor lead wire from the hooks.	Flatzat	When reassembling, put the fan motor lead wire through the back of the fan motor so as not to be entangled with the outdoor fan. Image: Constraint of the back of the fan motor so as not to be entangled with the outdoor fan. Image: Constraint of the back of the fan motor so as not to be entangled with the outdoor fan. Image: Constraint of the back of the fan motor so as not to be entangled with the outdoor fan. Image: Constraint of the back of the fan motor so as not to be entangled with the outdoor fan. Image: Constraint of the back of the fan motor so as not to be entangled with the outdoor fan. Image: Constraint of the back of the fan motor so as not to be entangled with the outdoor fan. Image: Constraint of the back of
5	Remove the 3 screws and remove the fan motor.		

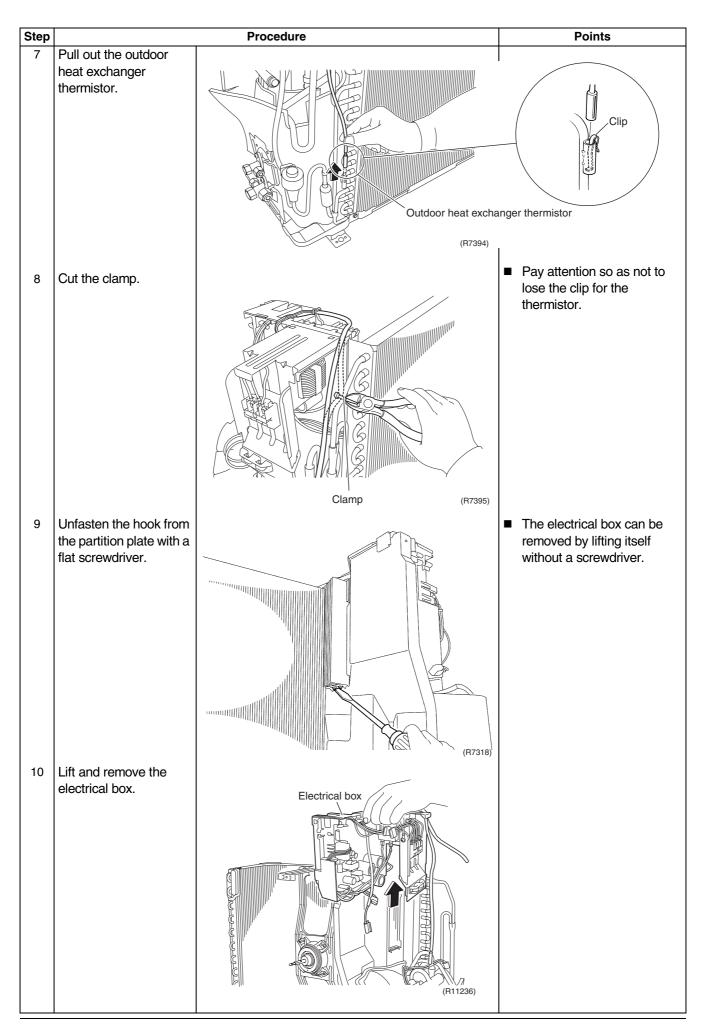
3. Removal of Electrical Box / PCBs



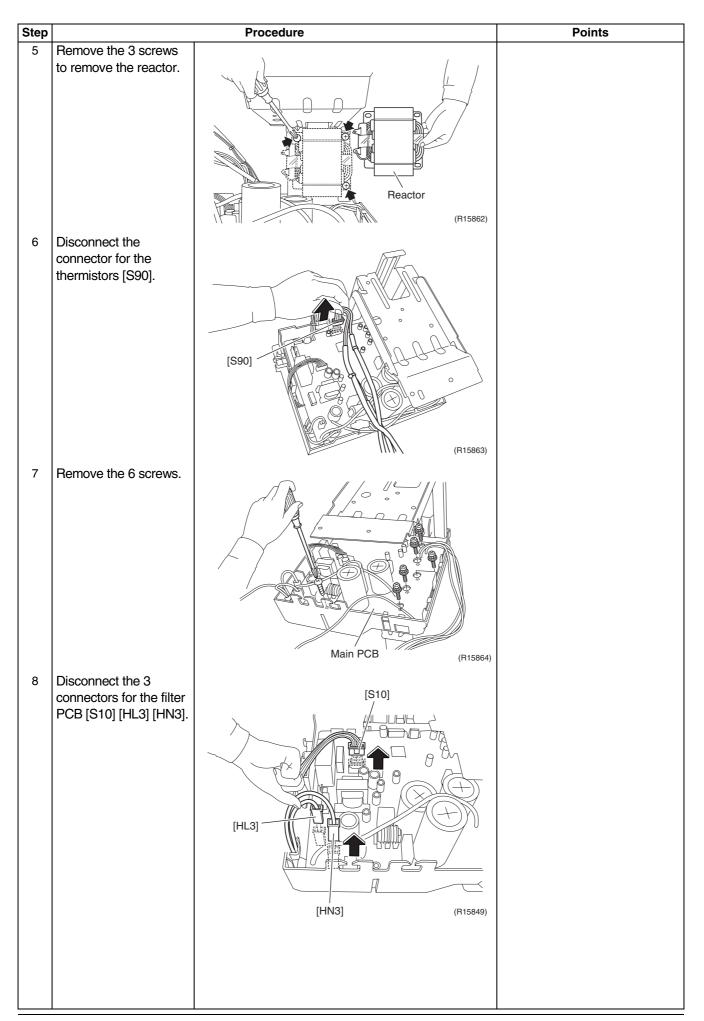




Step		Procedure	Points
3	Disconnect the	A	
	connector for the electronic expansion valve coil [S20].		
4	Detach the clamp of the lead wire for the electronic expansion valve coil.	[S20] (R7390)	
5	Disconnect the relay connector for the compressor.	(F732)	 Pay attention so as not to lose the fixture for the thermistor. When reassembling, do not insert the thermistor up to the dent of fixture.
6	Release the discharge pipe thermistor.	(H732)	Dent



Step		Procedure	Points
	emove the main PCB.		
1	Remove the screw on the terminal board.	Terminal board Main PCB	
2	Cut the clamp.		
		(R15866)	
3	Remove the 2 screws		
	of the earth wire.	(R15867)	
4	Disconnect the 2 terminals of the reactor.	Reactor Brown White (R15866)	

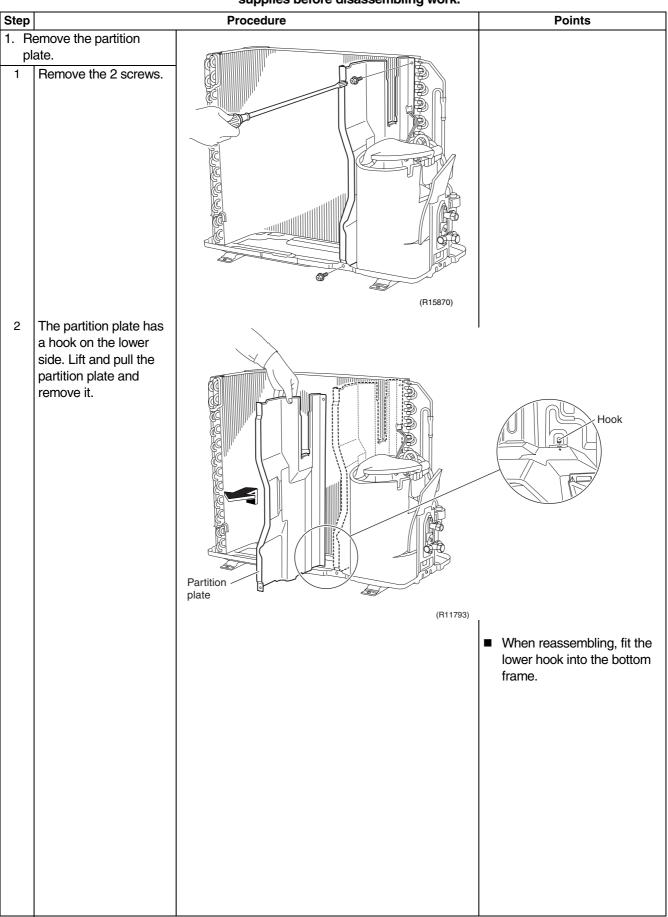


Step		Procedure	Points
9	Unfasten the 2 hooks.		
10	Lift and remove the main PCB.	(R15869)	
11	Feature of the main PCB	Image: State stat	 [S10] [HL3] [HN3]: filter PCB [S20]: electronic expansion valve coil [S40]: overload protector [S70]: fan motor [S80]: four way valve coil [S90]: thermistors

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.



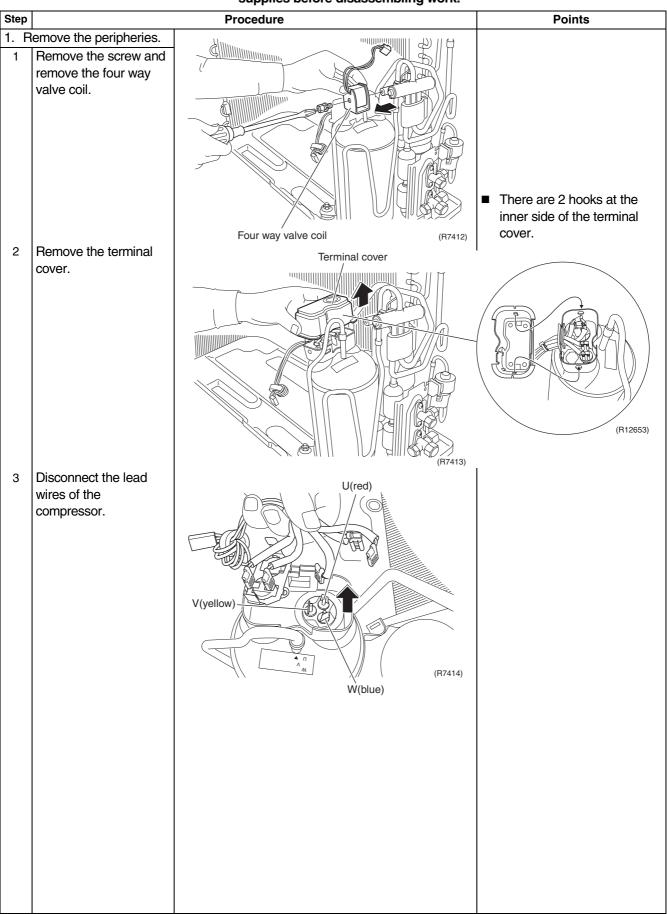
Step	Procedure	Points
2. Remove the sound blankets.		 Since the piping ports on the sound blanket are torn
1 Lift and remove the sound blanket (top).	Sound blanket (top)	easily, remove the blanket carefully.
2 Pull the sound blankets (outer, inner 2) out.	Sound blanket (outer) Sound blanket (inner 2)	
3 Pull the sound blanket (inner 1) out.	Output Image: Control output Output Image: Control output <t< td=""><td></td></t<>	

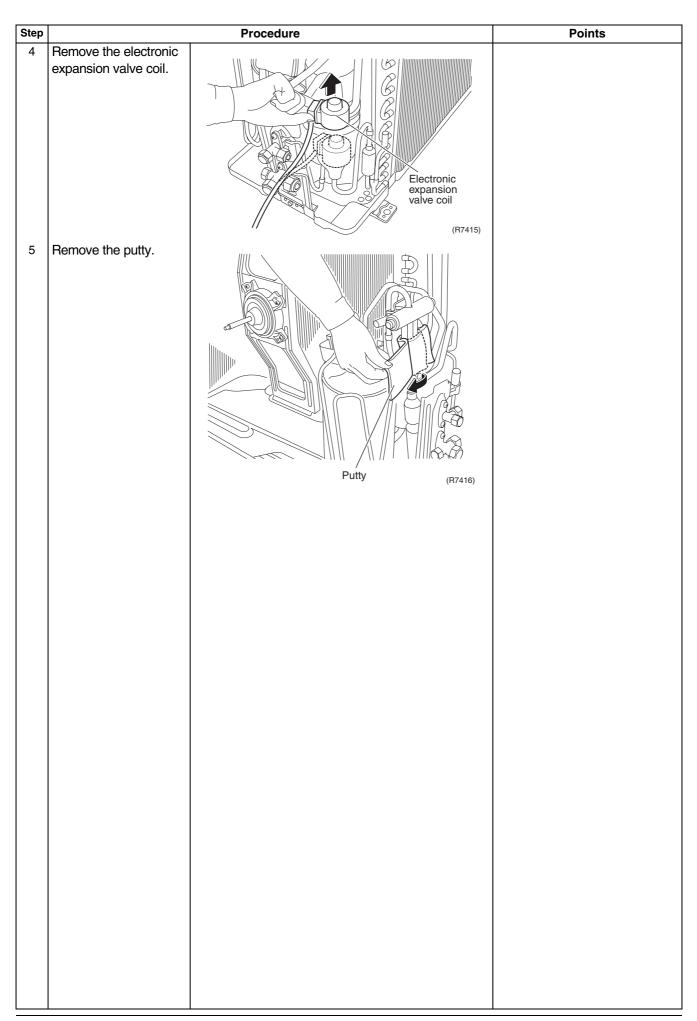
5. Removal of Four Way Valve

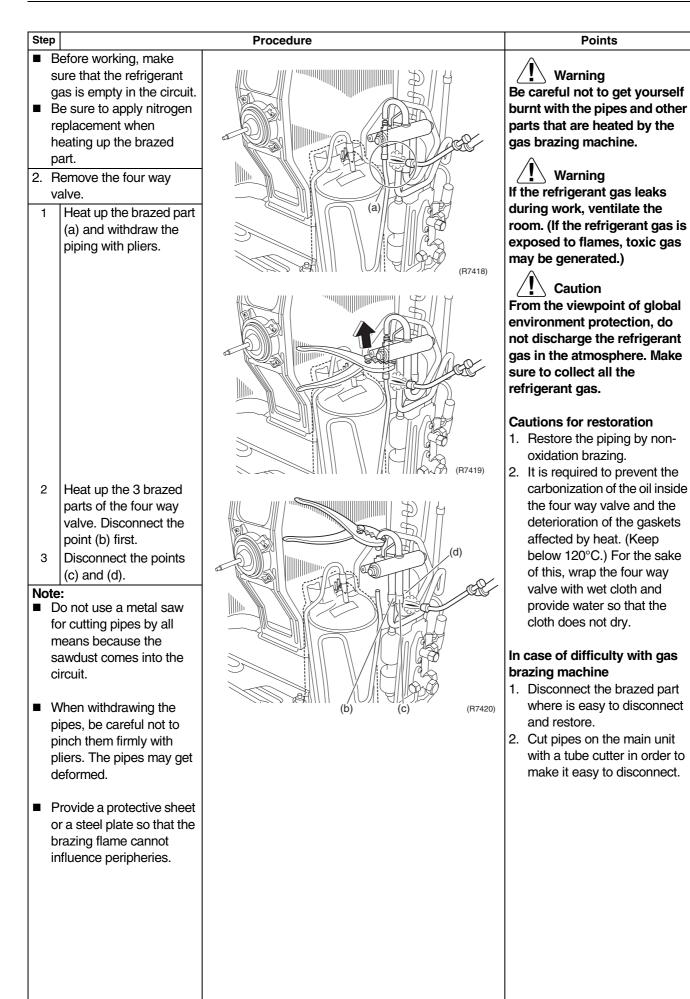
/|

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.

	supplies before disassembling work.			
Step		Procedure	Points	
1. F	Remove the peripheries. Remove the four way valve, the terminal cover and the lead wire for the compressor so as not to burn them. Remove the 3 nuts of		Warning Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine. Warning If the refrigerant gas leaks	
	the compressor.	(R12022)	during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.)	
s g ∎ B re h	efore working, make ure that the refrigerant as is empty in the circuit. e sure to apply nitrogen eplacement when eating up the brazed art.	Discharge side	Warning Since it may happen that the refrigerant oil in the compressor catches fire, prepare wet cloth so as to extinguish fire immediately.	
1	Heat up the brazed part of the discharge side and disconnect.		Caution From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make	
2	Heat up the brazed part of the suction side and disconnect.	(R7422)	sure to collect all the refrigerant gas.	
3	Lift the compressor up and remove it.		Cautions for restoration	
fc n s c	o not use a metal saw or cutting pipes by all neans because the awdust comes into the ircuit.	Suction side	 Restore the piping by non- oxidation brazing. It is required to prevent the carbonization of the oil inside the four way valve and the deterioration of the gaskets affected by heat. (Keep below 120°C.) For the sake 	
p p p	/hen withdrawing the ipes, be careful not to inch them firmly with liers. The pipes may get eformed.	(R7423)	of this, wrap the four way valve with wet cloth and provide water so that the cloth does not dry.	
■ P o b	rovide a protective sheet r a steel plate so that the razing flame cannot fluence peripheries.		 In case of difficulty with gas brazing machine 1. Disconnect the brazed part where is easy to disconnect and restore. 2. Cut pipes on the main unit 	
b te	e careful so as not to urn the compressor erminals, the name plate, ne heat exchanger fin.	(R7424)	with a tube cutter in order to make it easy to disconnect.	

Revision History

Month / Year	Version	Revised contents
02 / 2013	Si00-974	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

Dealer

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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