

Si001272EC



6.0/7.0/7.1/8.0/8.5/9.0 kW Class 33000 Btu/h Class





Service Manual Removal Procedure

Outdoor Unit

•Cooling Only RKM33NV2S

RKS33JV2S

RKS85HVM

RKS85JVMG

RKS70MVLT RKS80MVLT RKS90MVLT Heat Pump
 RXM71NVLT
 RXM80NVLT
 RXM90NVLT

RXS60KBVMA

RXS70MVLT RXS80MVLT RXS90MVLT

Table of Contents

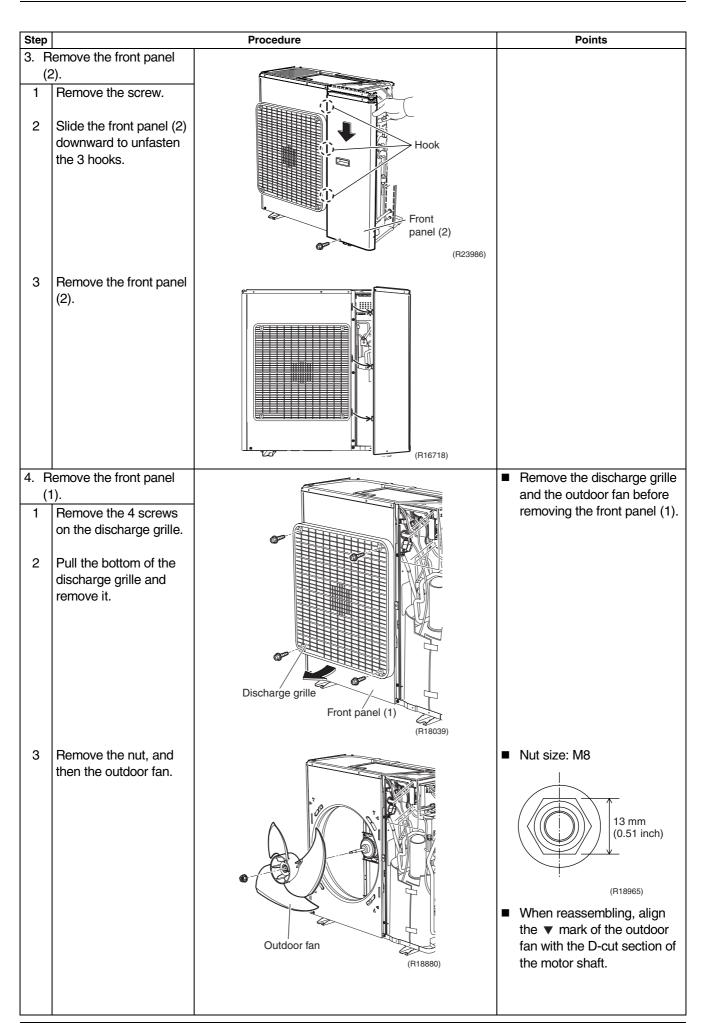
1.	Outer Panels	2
2.	Electrical Box	7
3.	PCBs	10
4.	Fan Motor	12
5.	Coils / Thermistors	13
6.	Sound Blankets	15
7.	Compressor	16



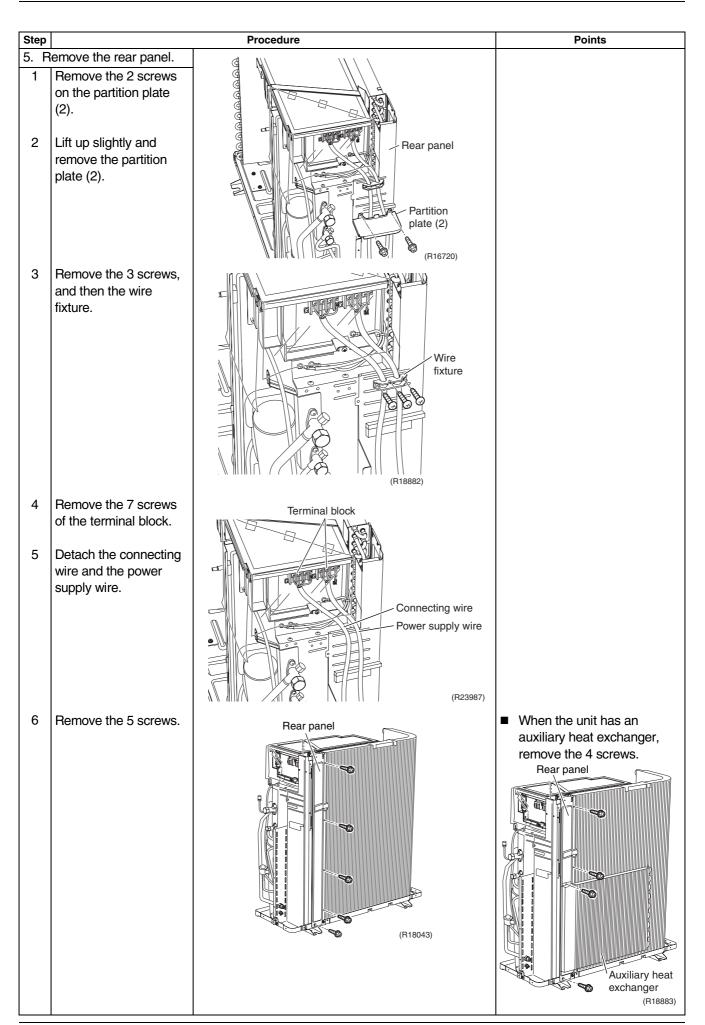
The illustrations may be slightly different depending on the model.
 The illustrations are far heat nume models or representative.

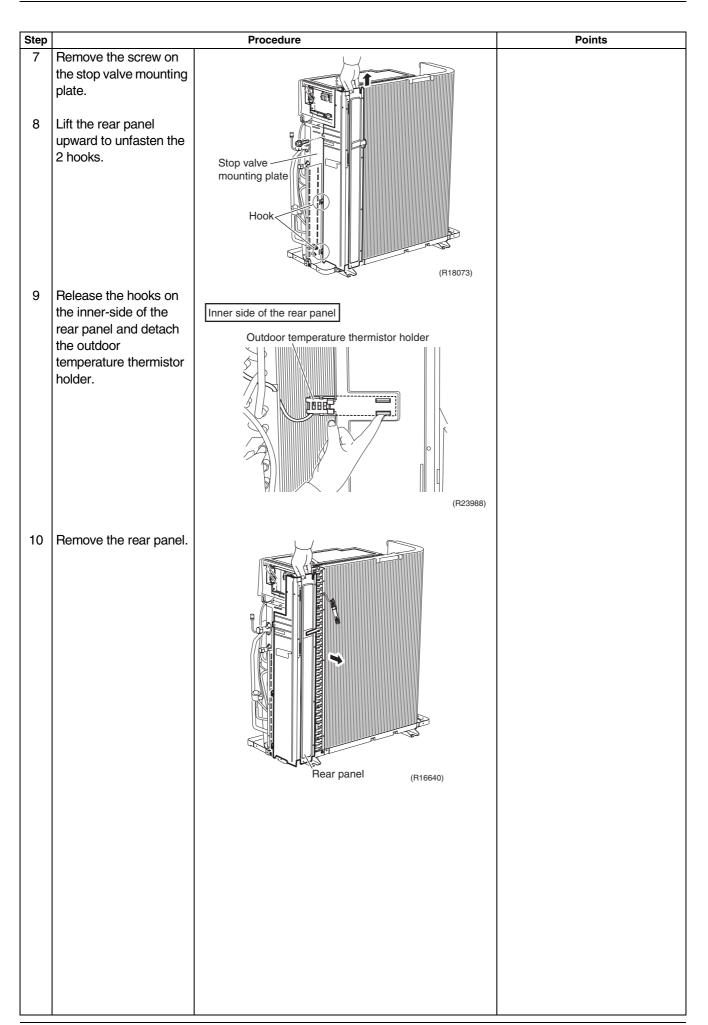
The illustrations are for heat pump models as representative.

1. Outer Panels Warning • Be sure to wait for 10 minutes or more after turning off all power supplies before <u>/</u>] disassembling work. Step Procedure Points 1. Remove the suction grille. The hooks are secured in 1 Unfasten the 3 hooks at the clearances of the outdoor heat exchanger fins. the top. 2 Unfasten the 3 hooks at the middle. Suction grille (R16619) 3 Unfasten the 3 hooks at the bottom and remove the suction grille. M R9587) 2. Remove the top and right Top panel side panels. Remove the 9 screws, 1 and then the top panel. 2 Remove the 5 screws ø on the right side panel. Right side panel -(R18690) 3 Slide the right side panel downward to unfasten the 2 hooks on Hook the back side. 4 Remove the right side e panel. (R18072)

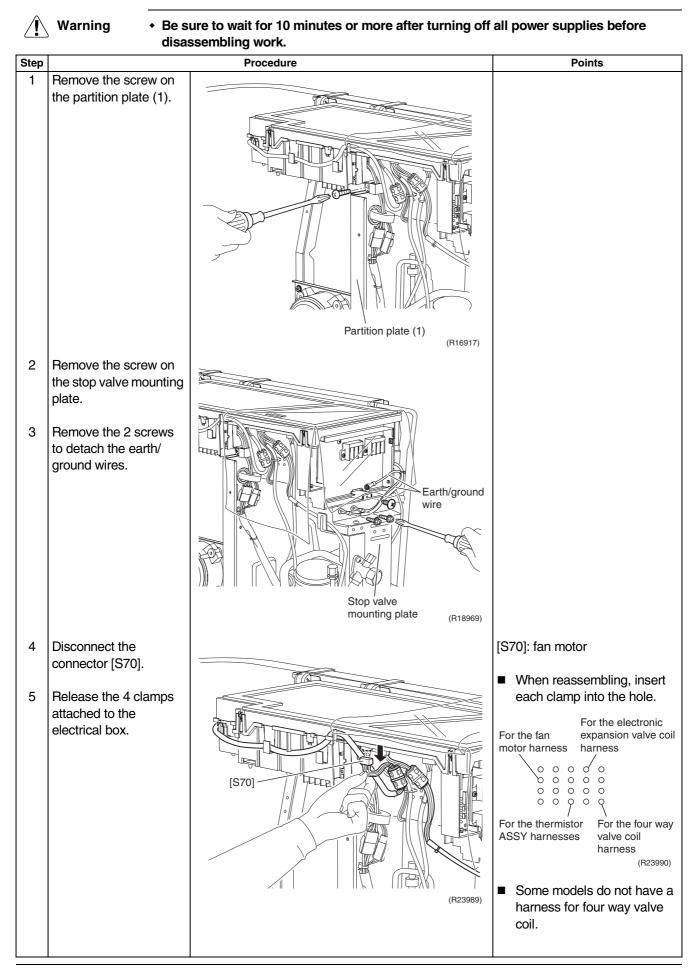


Step		Procedure	Points
4 5	Remove the 5 screws on the front side. Remove the screw at the bottom of the left side.		
6	Remove the screw at the bottom of the back side.	(R18040)	
7	Release the hook and remove the front panel (1).		

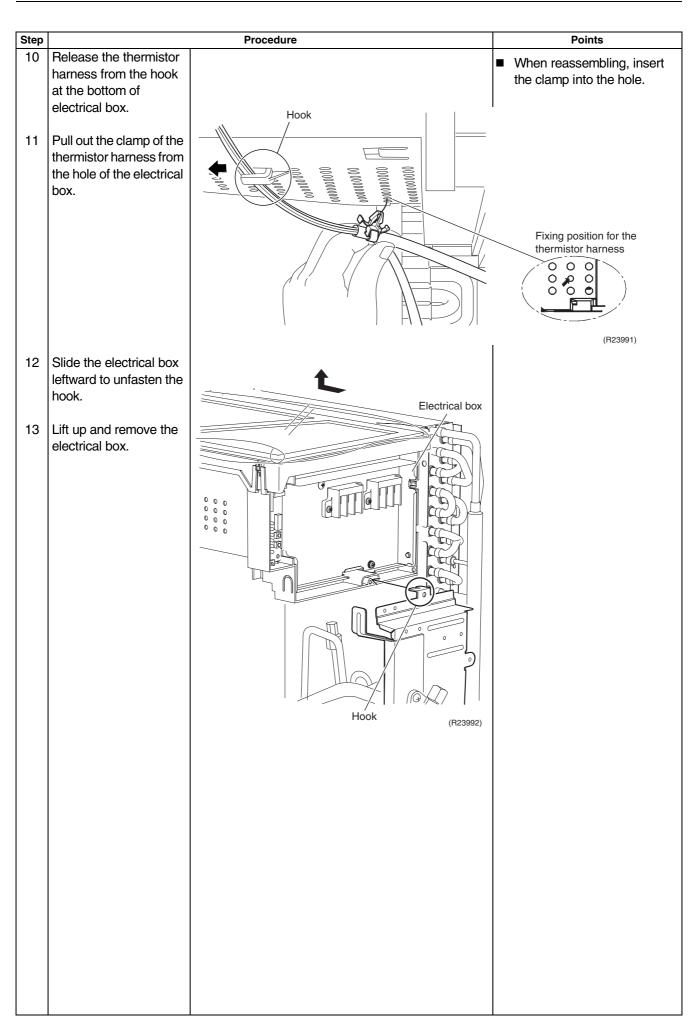




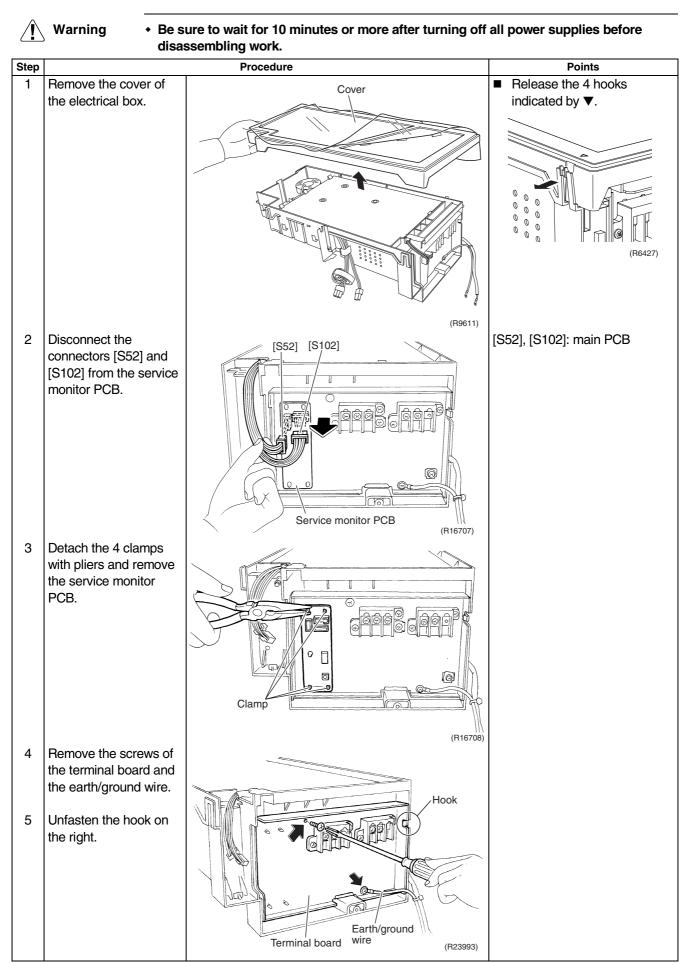
2. Electrical Box

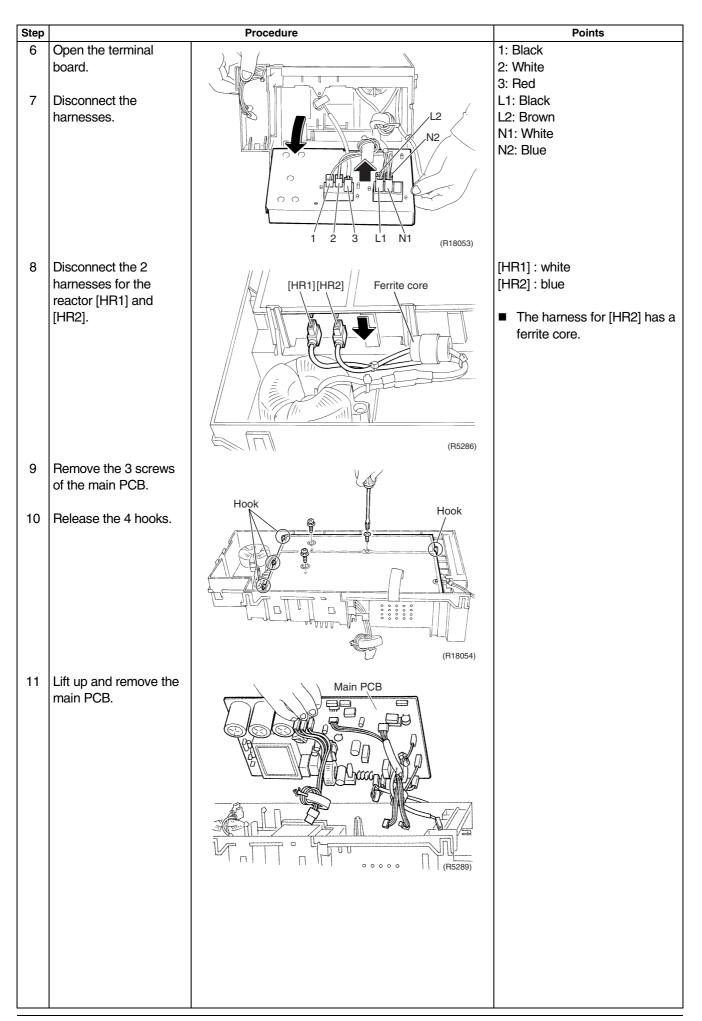


Step		Procedure	Points
6	Release the fan motor	+	★: When reassembling, do not
	lead wire.	Fan motor lead wire	use these 3 hooks.
7	Disconnect the connectors [S20], [S80] and [S90].	(R1829)	 [S20]: electronic expansion valve coil [S80]: four way valve coil [S90]: thermistors The cooling only models do not have a harness for [S80].
8	Pull out the clamp and release the compressor lead wire from the partition plate (1).	(19022)	
9	Disconnect the relay connector for the overload protector and the compressor.	(R24011)	

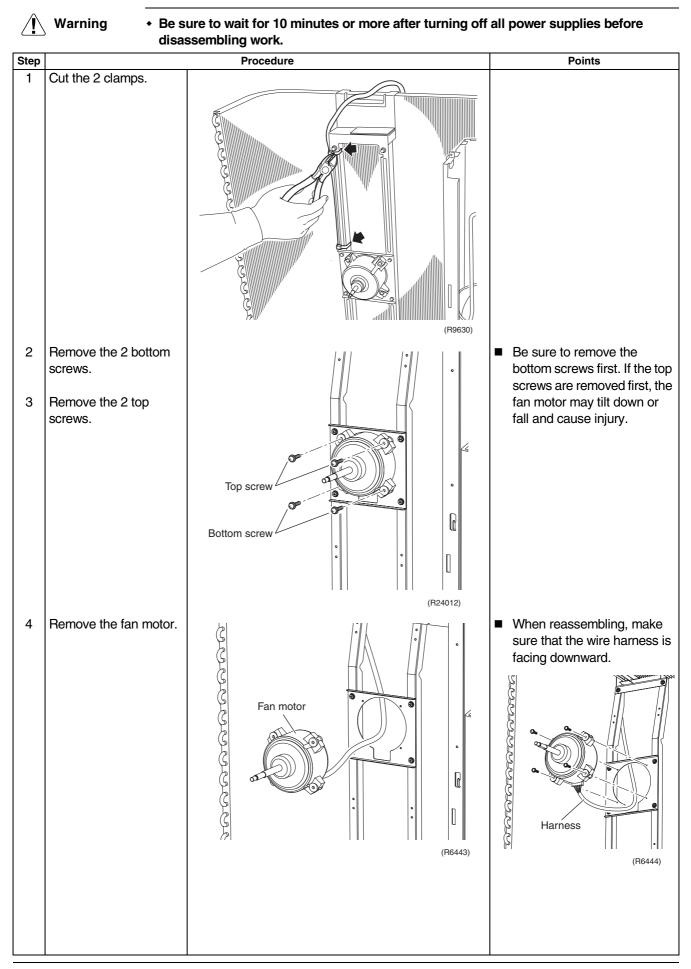


3. PCBs





4. Fan Motor

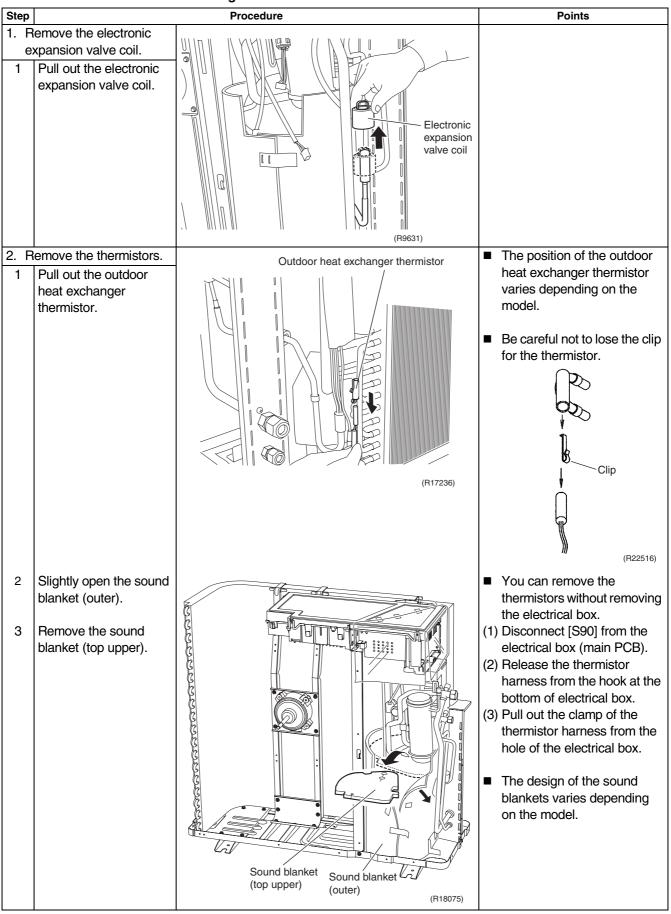


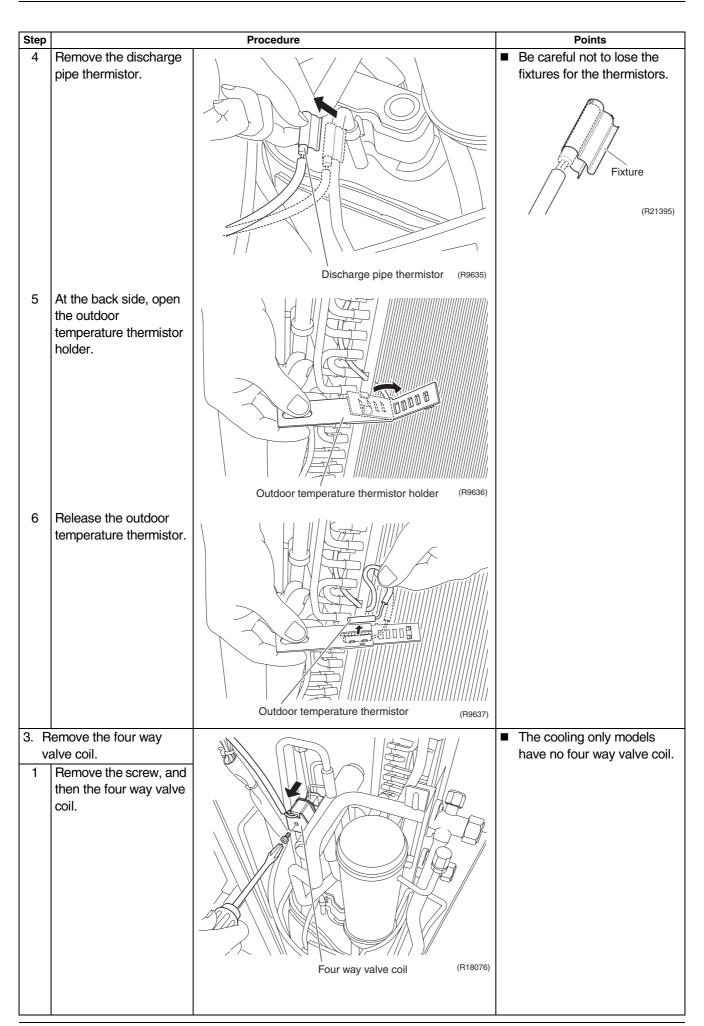
/|

Warning

5. Coils / Thermistors

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

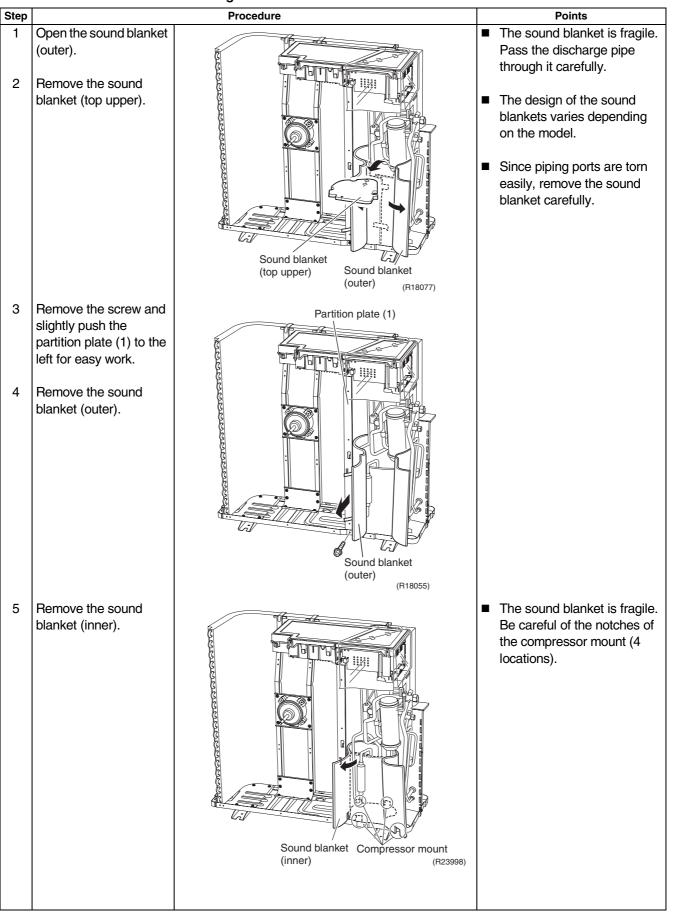




6. Sound Blankets



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



7. Compressor Warning · Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work. Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine. If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.) Since it may happen that the refrigerant oil in the compressor catches fire, prepare wet cloth so as to extinguish fire immediately. /I 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. Restore the piping by non-oxidation brazing. Note Before working, make sure that the refrigerant gas is empty in the circuit. • Be sure to apply nitrogen replacement when heating up the brazed part. 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. Be careful so as not to burn the compressor terminals, the name plate, the outdoor heat exchanger fin. 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 with a tube cutter in order to make it easy to disconnect. Step Points Procedure Remove the terminal 1 Terminal cover cover. | |||

|--|--|

Step		Procedure	Points
2	Pull out the 3		
	compressor lead wires.	U (red)	
3	Remove the overload protector (OL).	V (yellow) OL (P9471)	
4	Heat up the 2 brazed parts and withdraw the pipings with pliers.		Some models have putties. Make sure to remove the putties beforehand.
		(R9646)	
5	Remove the 3 nuts. Remove the compressor.	(F7021)	

Revision History

Month / Year	Version	Revised contents
11 / 2012	Si001272	First edition
04 / 2013	Si001272_A	Model addition: RKS33JV2S, RKS85HVM, RKS85JVMG, RK(X)S70/80/90MVLT
08 / 2015	Si001272EB	Model addition: RKM33NV2S, RXM71/80/90NVLT
09 / 2016	Si001272EC	Correction of errors



- 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

Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
 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/products/ac/
	©All rights reserved