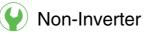




3 HP Class









Service Manual Removal Procedure

Outdoor Unit

Applicable Models

●Cooling Only R71KV1 R71KY1 R71KVAL

●Heat Pump RY71KV1 RY71KY1

Table of Contents

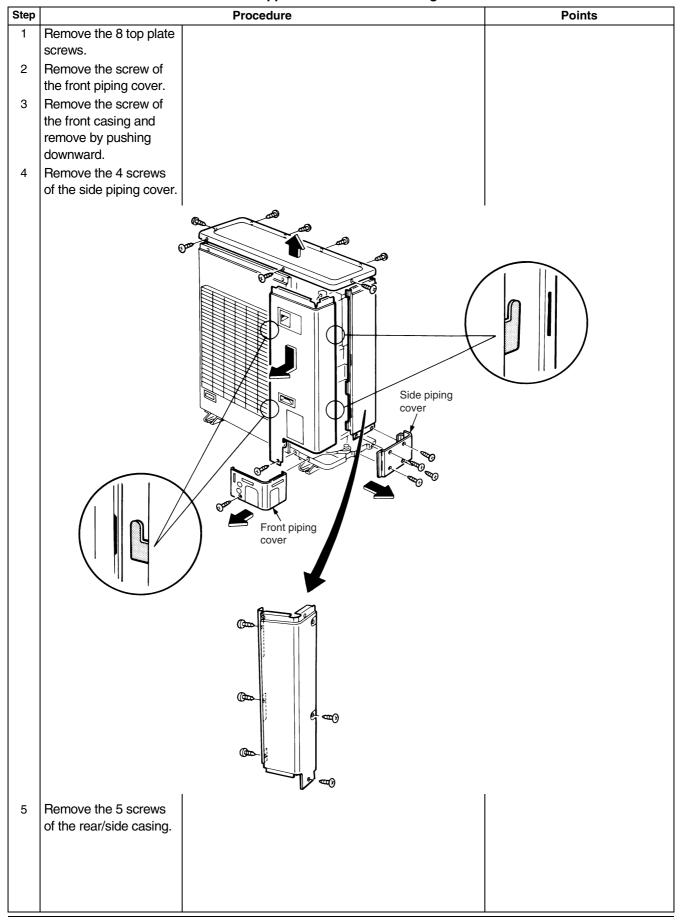
1.	Procedure to Remove External Casing	2
	Procedure to Remove Outdoor Unit Fan and Fan Motor	
3.	Procedure to Remove Outdoor Unit PCB	5
4.	Procedure to Remove Electrical Parts Box	6
	Procedure to Remove Electronic Expansion Valve and Solenoid Valve	8
6.	Procedure to Remove Four Way Valve and Coil	9
7.	Procedure to Remove Compressor	10

1. Procedure to Remove External Casing

Procedure

/ Warning

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



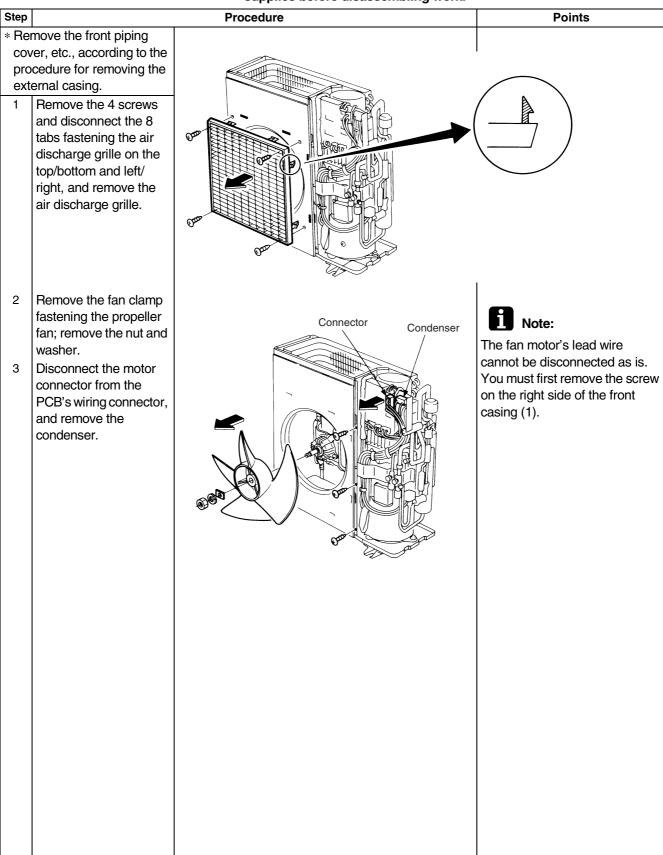
2. Procedure to Remove Outdoor Unit Fan and Fan Motor

Procedure



Warning

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



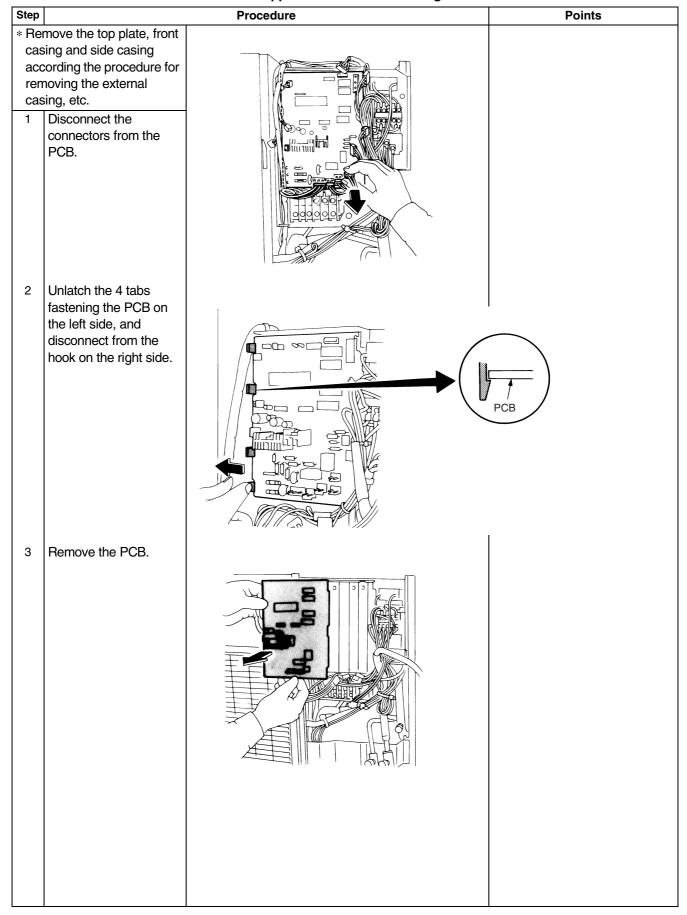
Step		Procedure	Points
4	Locate the 2 clamps holding the fan motor lead wire in place. *4 clamps in RY100 to 140K.		
		Secured by tie-band Clamped by claw on divider plate	Lead wire Propeller fan
5	Remove the 4 hexagon bolts fastening the fan motor, and remove the fan motor. The motor base can be dismounted by removing the 4 hexagon bolts.		Caution during motor installation Be sure to secure the motor lead wire with the clamp. Loose lead wire can be caught by fan and damaged.

3. Procedure to Remove Outdoor Unit PCB

Procedure

• Warning

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



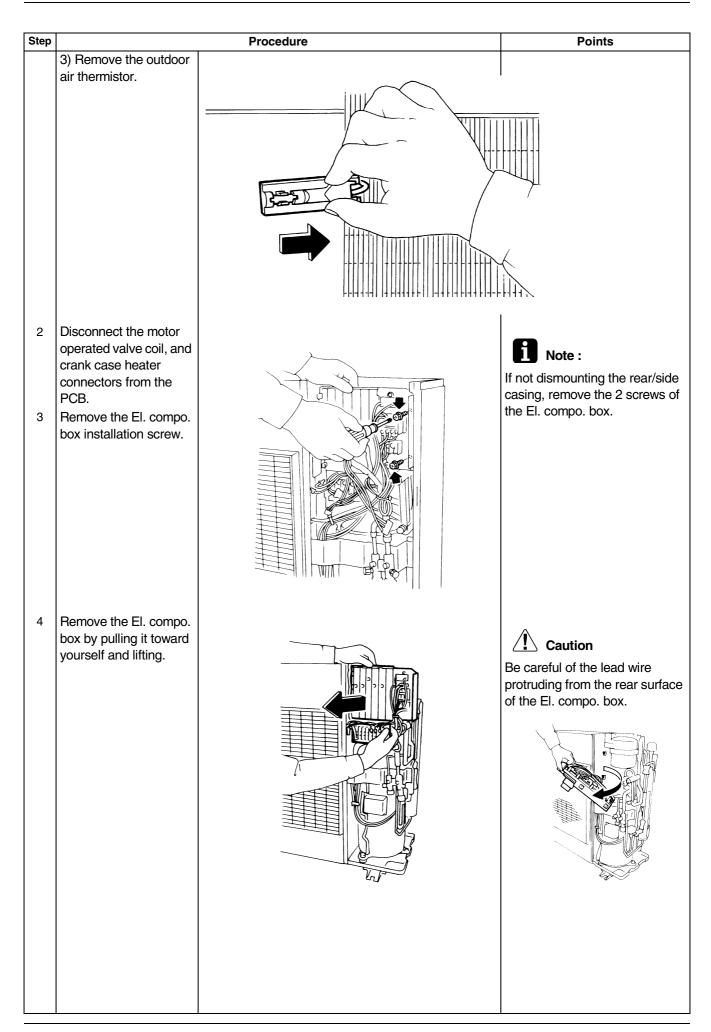
4. Procedure to Remove Electrical Parts Box

Procedure

Warning

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

Step **Procedure Points** * Remove the top plate, front <In case of cooling only model> If the lead wire is clamped by casing and side casing the piping, etc., remove the according the procedure for clamp. removing the external casing, etc. Remove the discharge Thermistor installation spring pipe, heat exchanger and air thermistor. (If not removing, disconnect the Thermisto connector from the PCB.) 1) Remove the discharge pipe thermistor. <In the case of heat pump units> Thermistor installation spring 2) Remove the heat exchanger thermistor. Pull up the thermistor to remove. Stoppe

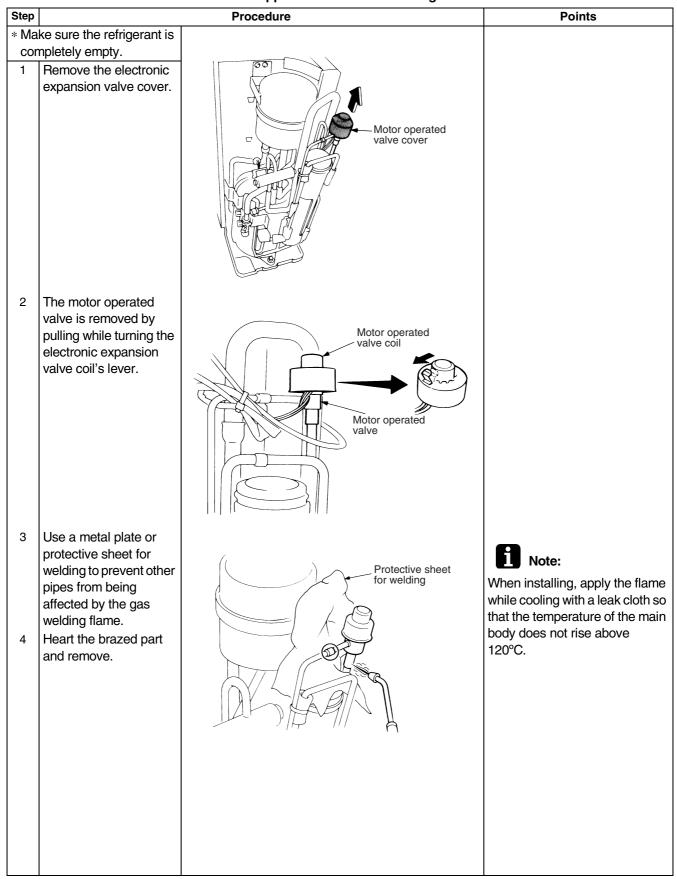


5. Procedure to Remove Electronic Expansion Valve and Solenoid Valve

Procedure

Warning

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

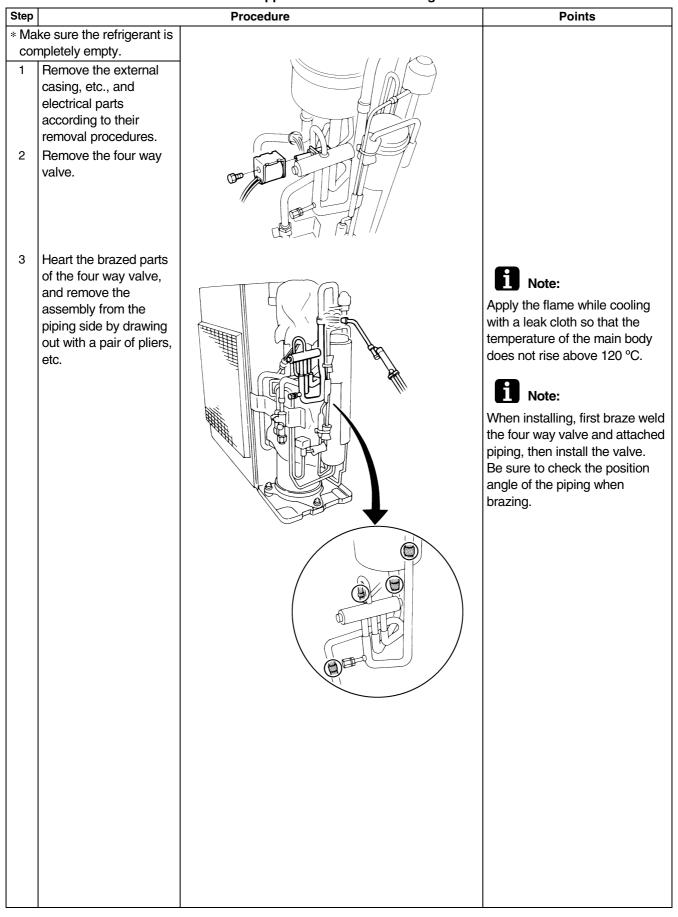


6. Procedure to Remove Four Way Valve and Coil

Procedure

Warning

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

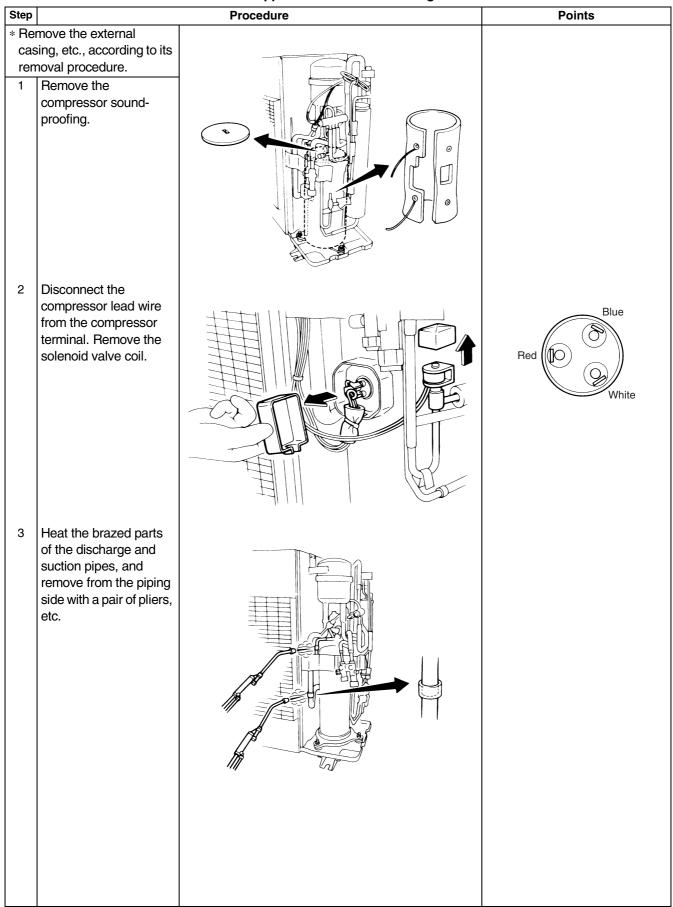


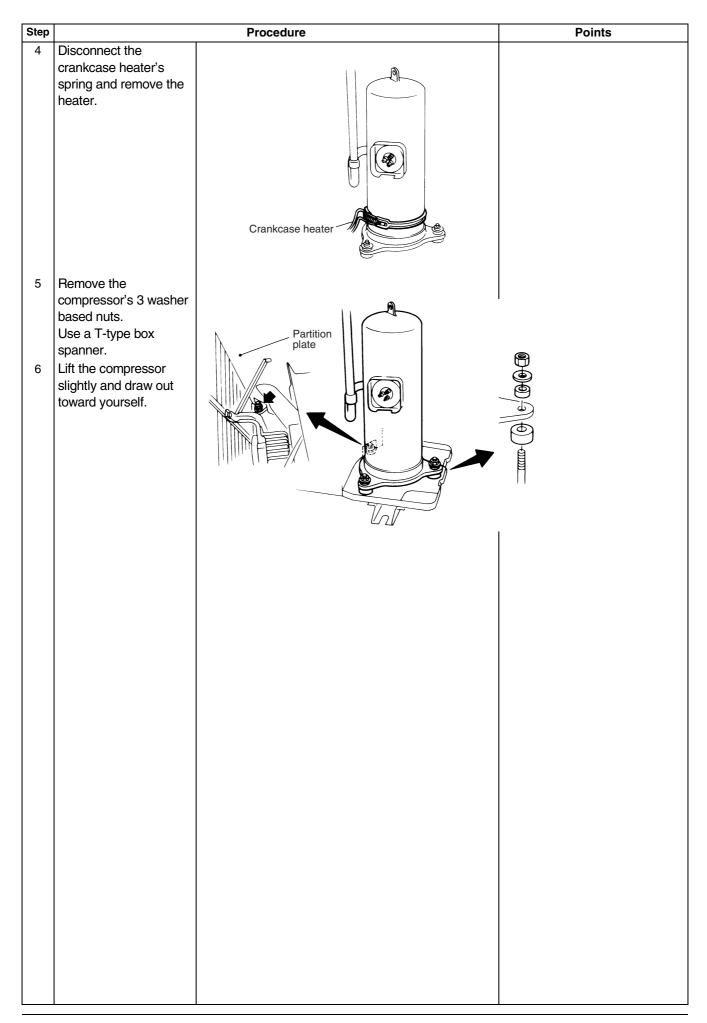
7. Procedure to Remove Compressor

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
06 / 2013	Si211311E	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.



JMI-0107

Dealer

Organization: DAIKIN INDUSTRIES, LTD. AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration: THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT. HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, COMPRESSORS AND VALVES.



JQA-1452

Organization: DAIKIN INDUSTRIES (THAILAND) LTD.

Scope of Registration: THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM



EC99J2044

All of the Daikin Group's business facilities and subsidiaries in Janan are certified under the ISO 14001 international standard for environment management.

DAIKIN INDUSTRIES. LTD.

Head Office: Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka, 530-8323 Japan

Tokyo Office: JB Shinagawa Fast Bldg 2-18-1 Konan Minato-ku, Tokyo, 108-0075 Japan

http://www.daikin.com/global_ac/

@All rights reserved