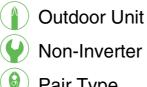


Si011360EC



### 4.2/5.0/6.0 kW Class



- Non-Inverter
- Pair Type



## **Service Manual Removal Procedure**

## **Outdoor Unit**

Cooling Only		
RC50PRV16	RF50PRV16	RQ50PRV1
RC60PRV16	RF60PRV16	RQ60PRV1
RC50QRV16	RF50QRV16	RQ50QRV1
RC60QRV16	RF60QRV16	RQ60QRV1
RC50QRV161	RF50QRV161	
RC60QRV161	RF50QRV1625	RQ50RRV1
RC50QRV1615	RF60QRV1625	RQ60RRV1
RC60QRV1615		RQ50RRV1
	RF50RRV161	RQ60RRV1
RC42RRV162	RF60RRV161	
RC50RRV161 RC50RRV162	RF50RRV1615 RF60RRV1615	RQA50QR RQA60QR
RC60RRV162	NF00NNV1015	
RC42RRV1625	RFA50QRV16	RQA50RR
RC50RRV1615	RFA60QRV16	RQA60RR
RC60RRV1625		
	RFA50RRV161	RQD50QR
RCA50QRV16	RFA60RRV161	RQD60QR
RCA60QRV16		
	RFD50QRV16	RQD50RRV
RCA42RRV162	RFD60QRV16	RQD60RR
RCA50RRV161		
RCA50RRV162	RFD50RRV161	RUF50RRV
RCA60RRV162	RFD60RRV161	RUF60RRV
RCD50QRV16 RCD60QRV16		
RCD42RRV162		
RCD50RRV161		
BCD50BBV162		

**RCD50RRV162 RCD60RRV162**  16 16

16 16

162 162 1625 1625

V16 V16

V162 V162

V16 V16

V162 V162

V161 V161

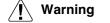
# **Table of Contents**

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3.	Electrical Component ASSY	5
4.	Sound Blanket / Capillary Tube	9
	Compressor ASSY	

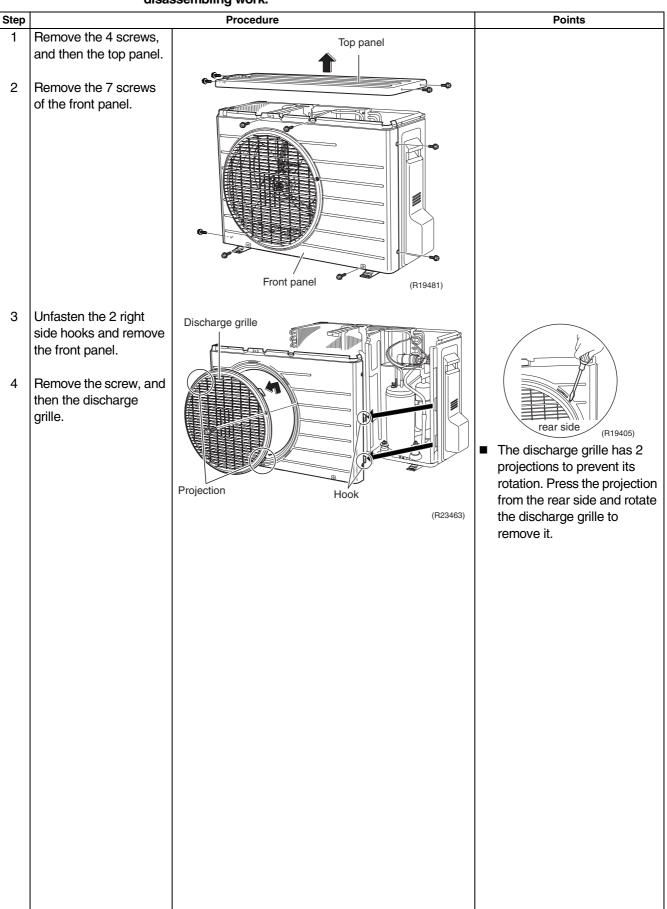


• The illustrations may be slightly different depending on the model.

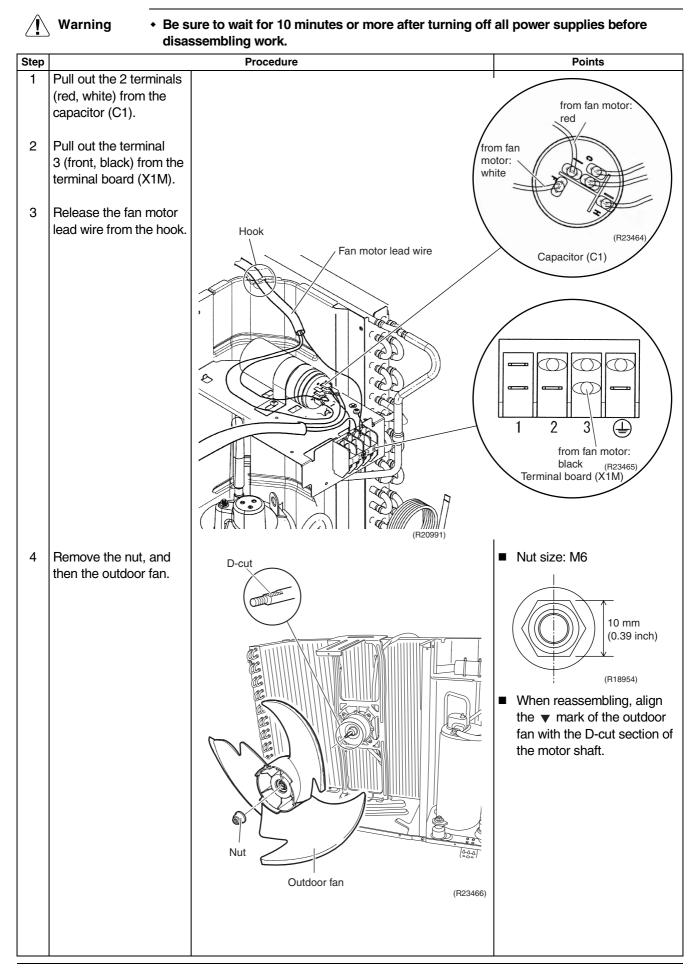
#### 1. Outer Panels

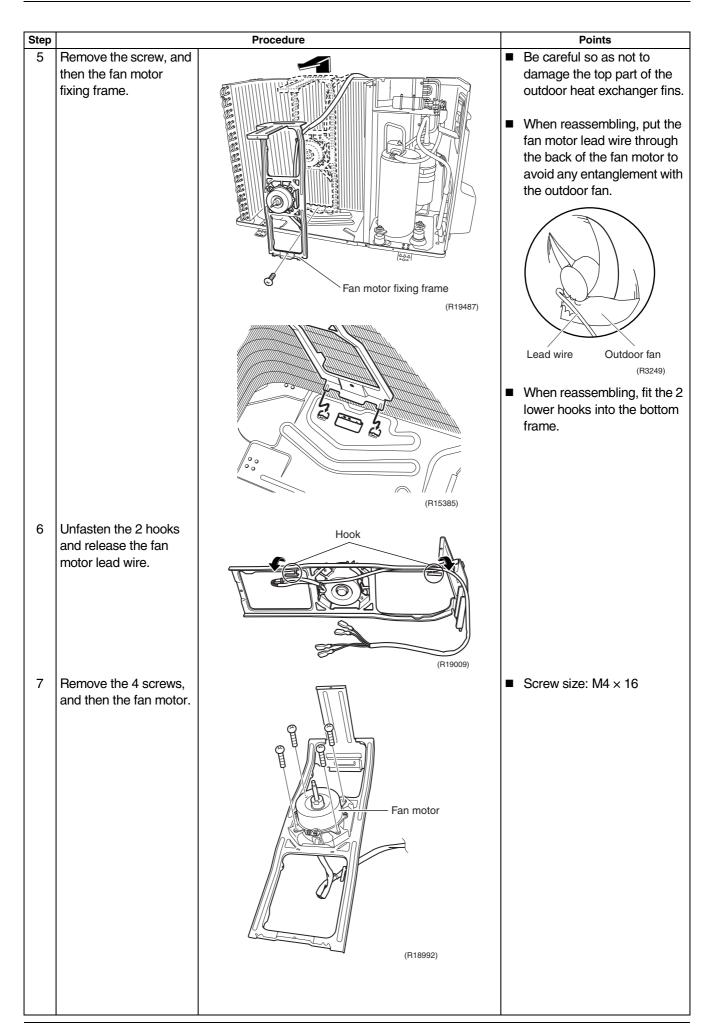


• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

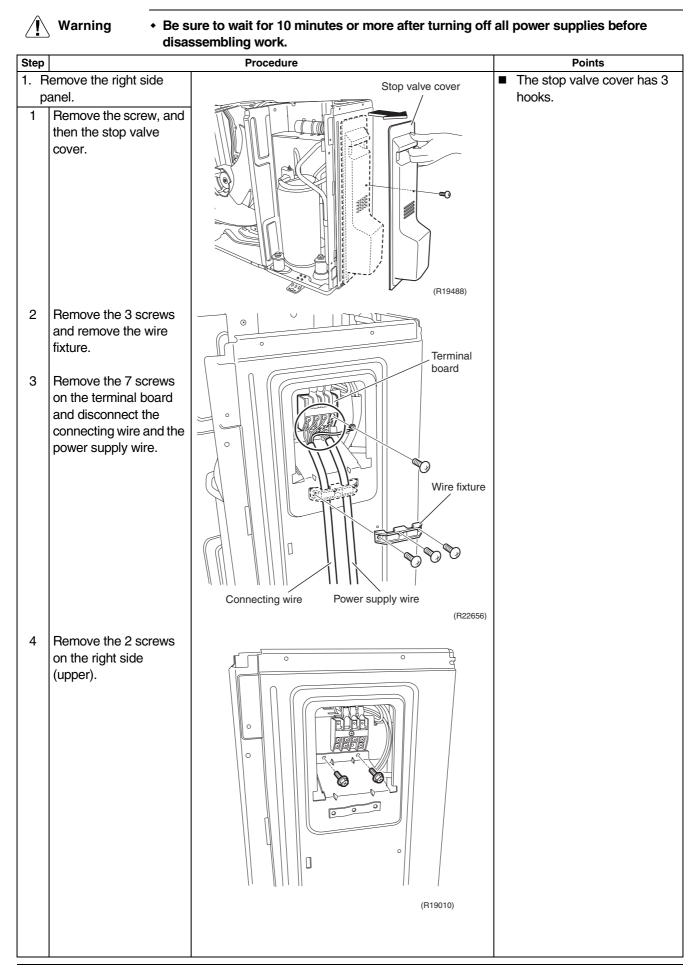


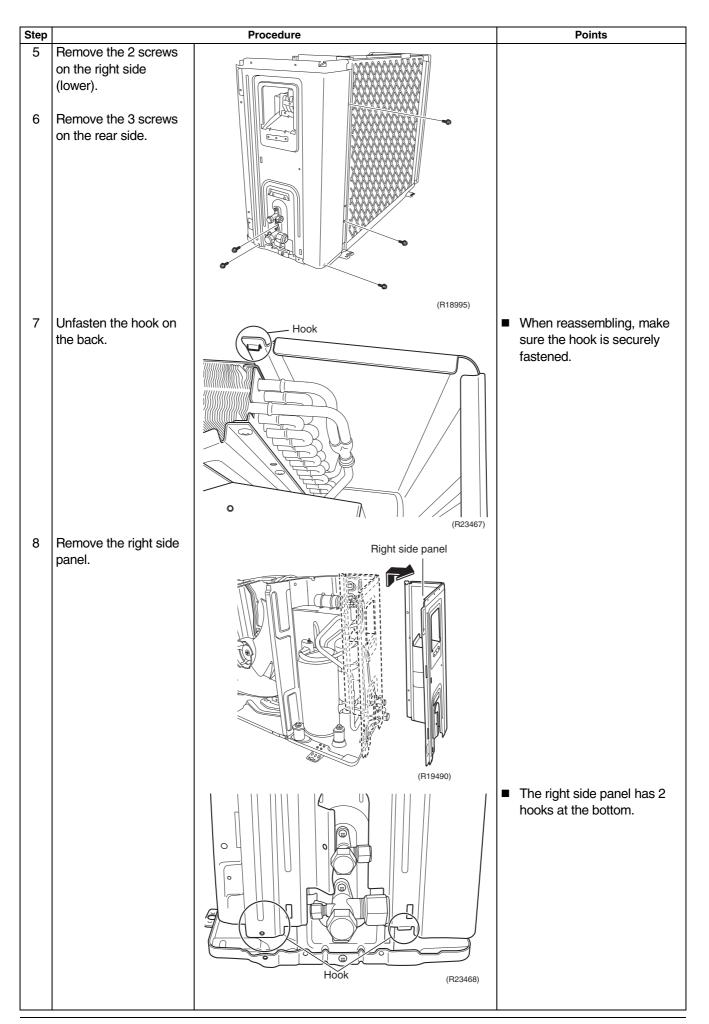
#### 2. Outdoor Fan / Fan Motor

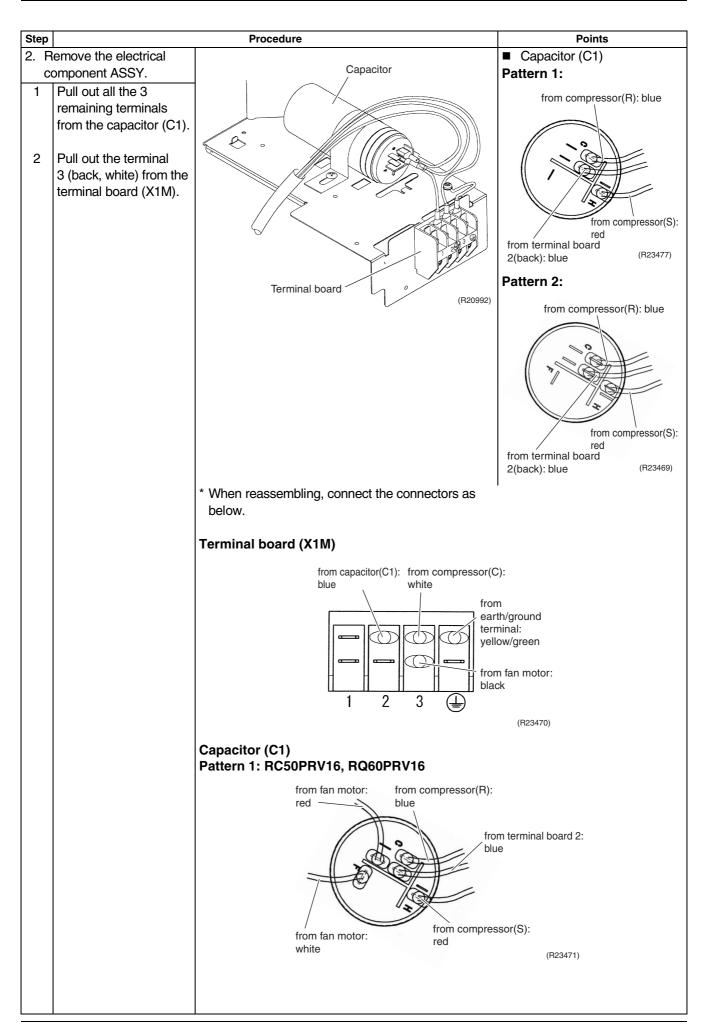


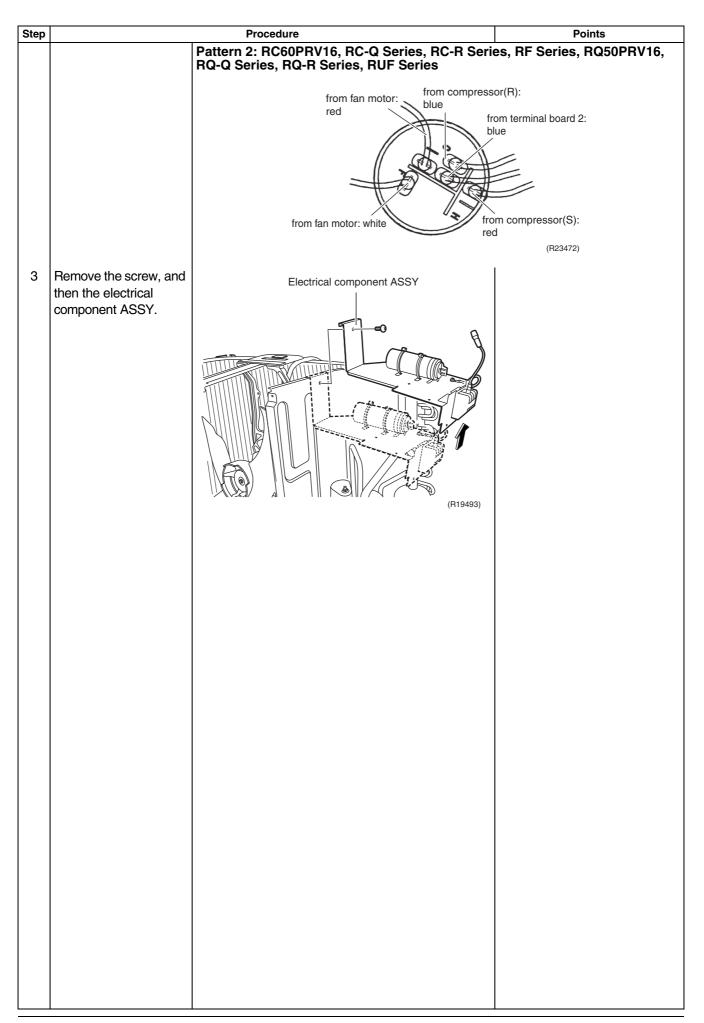


#### **3. Electrical Component ASSY**









#### 4. Sound Blanket / Capillary Tube

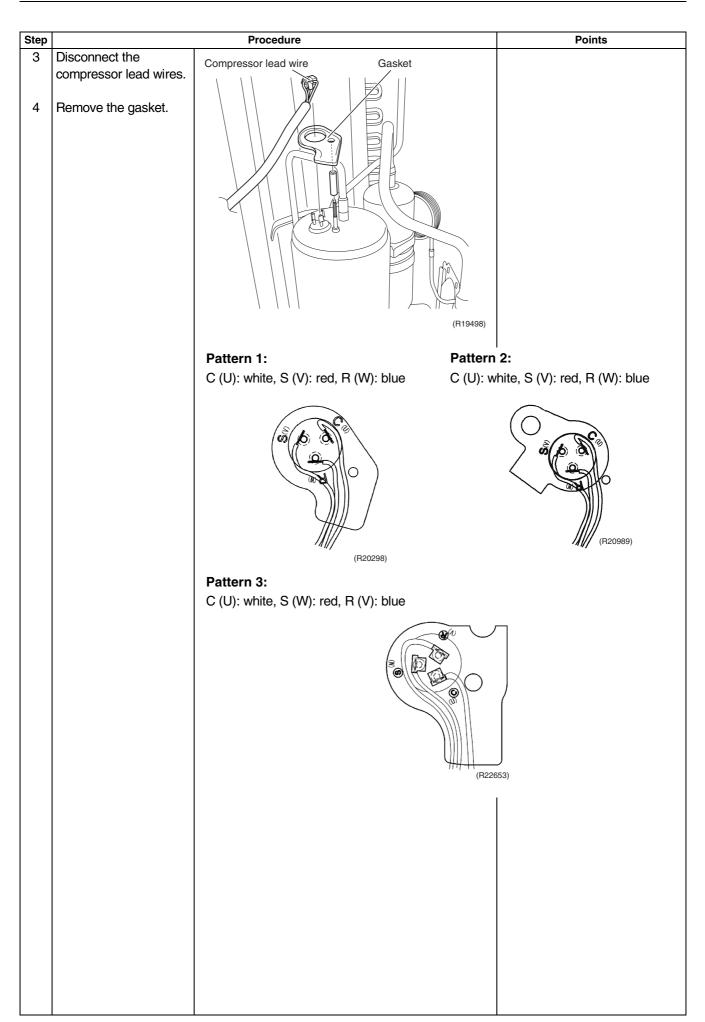
	•	Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work. Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine. If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.)		
		From the viewpoint of global environment protection, gas in the atmosphere. Make sure to collect all the ref Restore the piping by non-oxidation brazing.		
1	• • • •	Before working, make sure that the refrigerant gas is Be sure to apply nitrogen replacement when heating to Do not use a metal saw for cutting pipes by all means the circuit. When withdrawing the pipes, be careful not to pinch to may get deformed. Provide a protective sheet or a steel plate so that the peripheries. Be careful so as not to burn the compressor terminals neat exchanger fin. n case of difficulty with gas brazing machine 1. Disconnect the brazed part where is easy to disconner 2. Cut pipes on the main unit with a tube cutter in order to	up the brazed part. because the sawdust comes into hem firmly with pliers. The pipes brazing flame cannot influence s, the name plate, the outdoor	
Step		Procedure	Points	
1	Remove the sound blanket.	R20122)	<ul> <li>Some models have sound blanket (top).</li> <li>Since the piping ports are torn easily, remove the sound blanket(s) carefully.</li> </ul>	
2	Cut the 2 clamps.	<image/>	The type of the protection net varies depending on the model.	

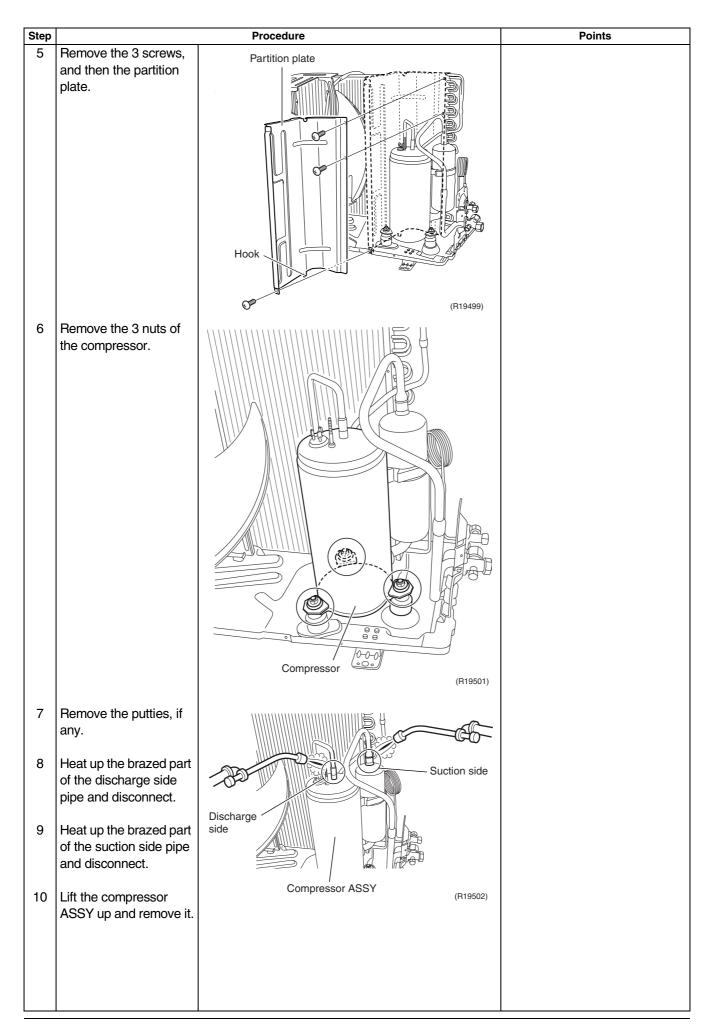
Step		Procedure	Points
3	Remove the protection net.	Protection net	
4	Remove the putties, if any. Heat up the 2 brazed parts and remove the capillary tube.	<image/>	<ul> <li>The shape of the capillary tube varies depending on the model.</li> </ul>

### 5. Compressor ASSY

<b>A</b> Warning	<ul> <li>Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.</li> <li>Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine.</li> <li>If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.)</li> <li>Since it may happen that the refrigerant oil in the compressor catches fire, prepare wet cloth so as to extinguish fire immediately.</li> </ul>
<b>A</b> Caution	<ul> <li>From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.</li> <li>Restore the piping by non-oxidation brazing.</li> </ul>
Note	<ul> <li>Before working, make sure that the refrigerant gas is empty in the circuit.</li> <li>Be sure to apply nitrogen replacement when heating up the brazed part.</li> <li>Do not use a metal saw for cutting pipes by all means because the sawdust comes into the circuit.</li> <li>When withdrawing the pipes, be careful not to pinch them firmly with pliers. The pipes may get deformed.</li> <li>Provide a protective sheet or a steel plate so that the brazing flame cannot influence peripheries.</li> <li>Be careful so as not to burn the compressor terminals, the name plate, the outdoor heat exchanger fin.</li> <li>In case of difficulty with gas brazing machine <ol> <li>Disconnect the brazed part where is easy to disconnect and restore.</li> <li>Cut pipes on the main unit with a tube cutter in order to make it easy to disconnect.</li> </ol> </li> </ul>
Chan	Descedure Desints

Step		Procedure	Points
1 2	Remove the nut. Remove the terminal cover.	Image: Constrained state stat	The shape of the terminal cover varies depending on the model.





#### **Revision History**

Month / Year	Version	Revised contents	
11 / 2013	Si011360E	First edition	
10 / 2014	Si011360EA	Model addition: RF50/60PRV16	
12 / 2015	Si011360EB	Model addition: RC50/60QRV16, RC50/60QRV161, RCA50/60QRV161, RCD50/60QRV16, RF50/60QRV16, RF50QRV161, RFA50/60QRV16, RFD50/60QRV16, RQ50/60QRV16, RQA50/60QRV16, RQD50/60QRV16	
06 / 2016	Si011360EC	Model addition: RC50/60QRV1615, RC42/50/60RRV162, RC50RRV161, RC42/60RRV1625, RC50RRV1615, RC442/50/60RRV162, RCA50RRV161, RCD42/50/60RRV162, RCD50RRV161, RF50/60QRV1625, RF50/60RRV161, RF50/60RRV1615, RFA50/60RRV161, RFD50/60RRV161, RQ50/60RRV162, RQ50/60RRV1625, RQA50/60RRV162, RQD50/60RRV162, RUF50/60RRV161	



- 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/