



8.0/9.0/10.0 kW Class





Inverter



Multi Type



Service Manual Removal Procedure

Outdoor Unit

●Cooling Only 4MKS80ESG

4MKS80FSG

4MKS80KVM 4MKS100KVM

4MKS80LVMA 4MKS80LVMA9 ●Heat Pump 4MXS80KVM 4MXS100KVM

4MXS80LVMA 4MXS80LVMA9

4MXS80E3V3B 5MXS90E3V3B

Table of Contents

1.	Outer Panels	2
2.	Electrical Box	6
3.	PCBs	.11
4.	Fan Motor	.14
5.	Coils / Thermistors	.15
6.	Sound Blankets	.18
7.	Compressor	.19



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

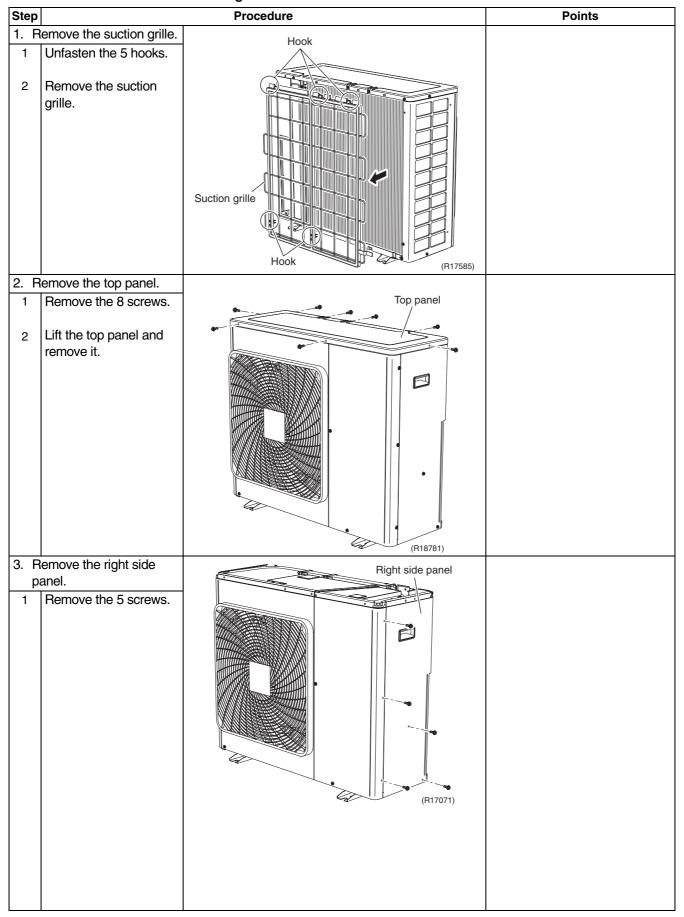
Outer Panels Si121292EC

1. Outer Panels

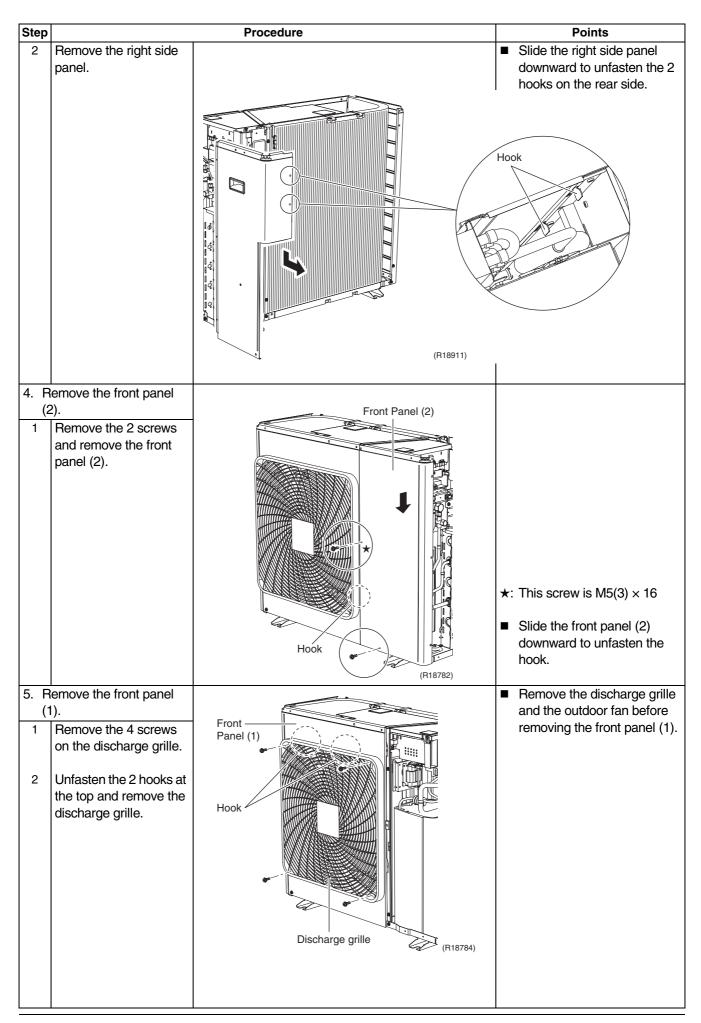


Warning

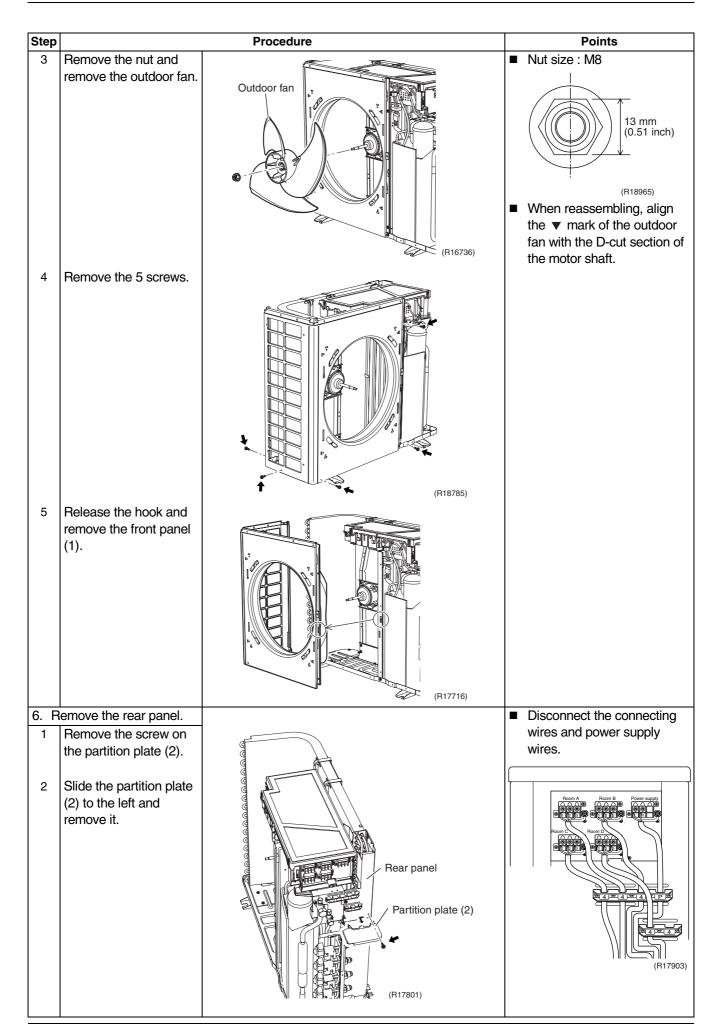
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



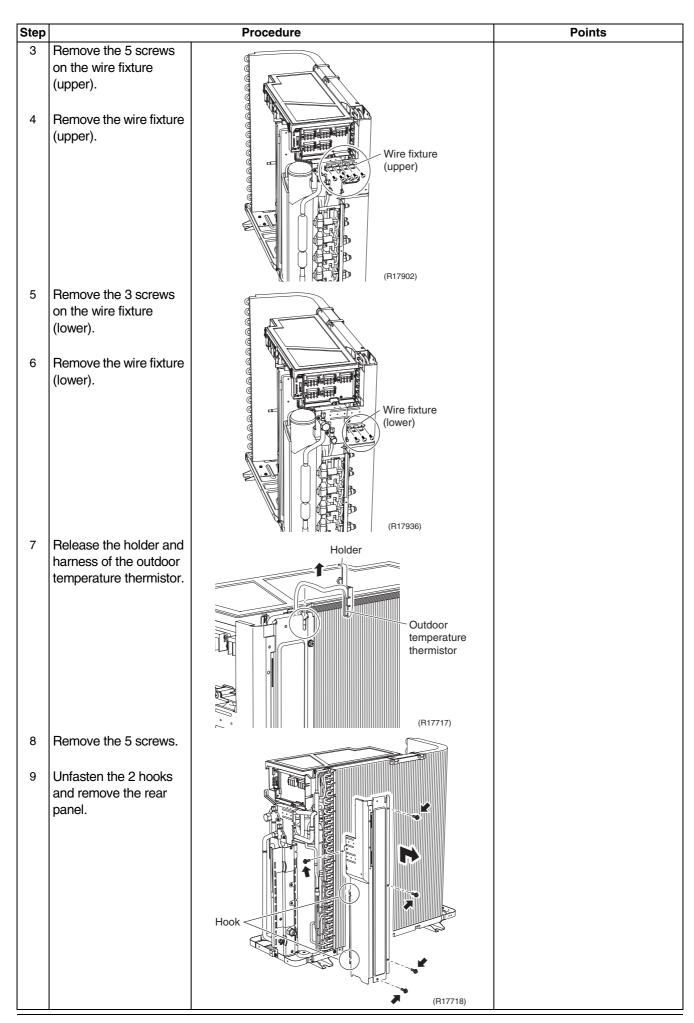
Si121292EC Outer Panels



Outer Panels Si121292EC



Si121292EC Outer Panels



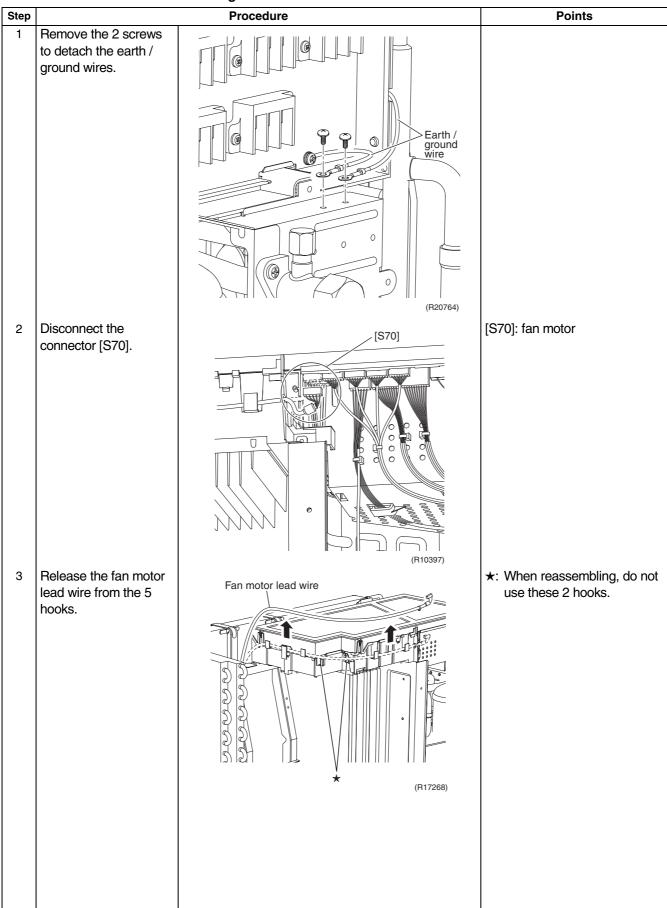
Electrical Box Si121292EC

2. Electrical Box

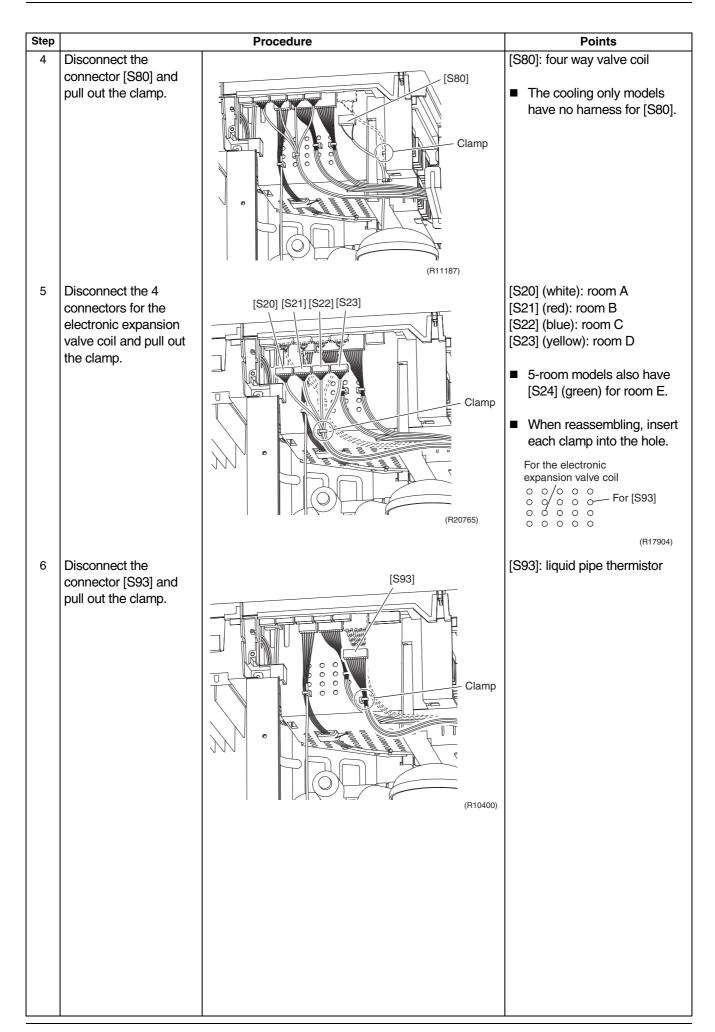


Warning

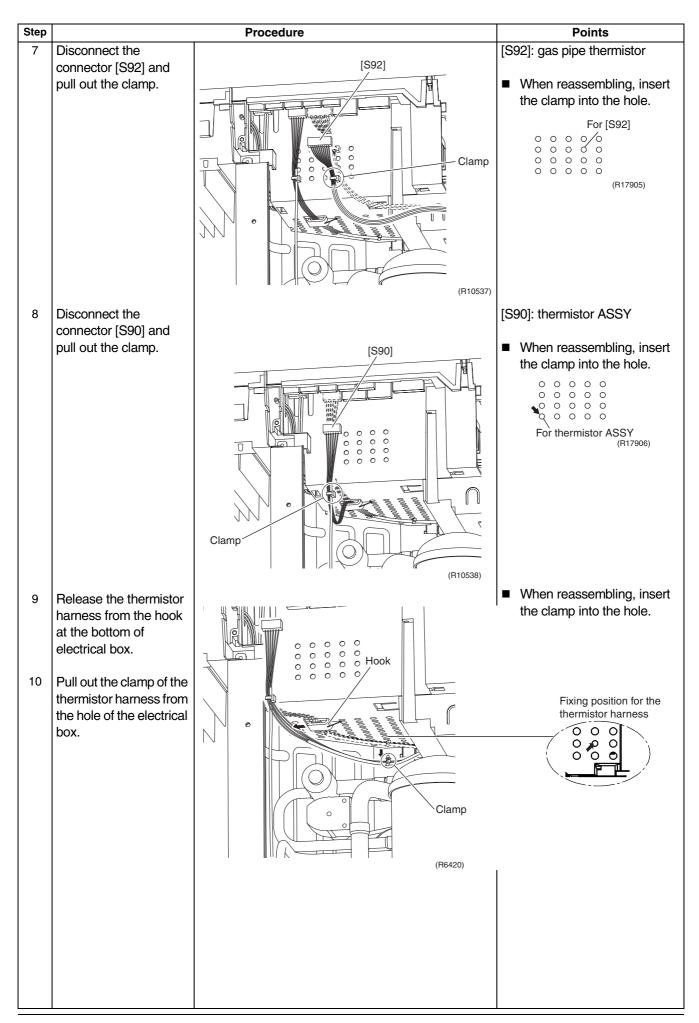
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



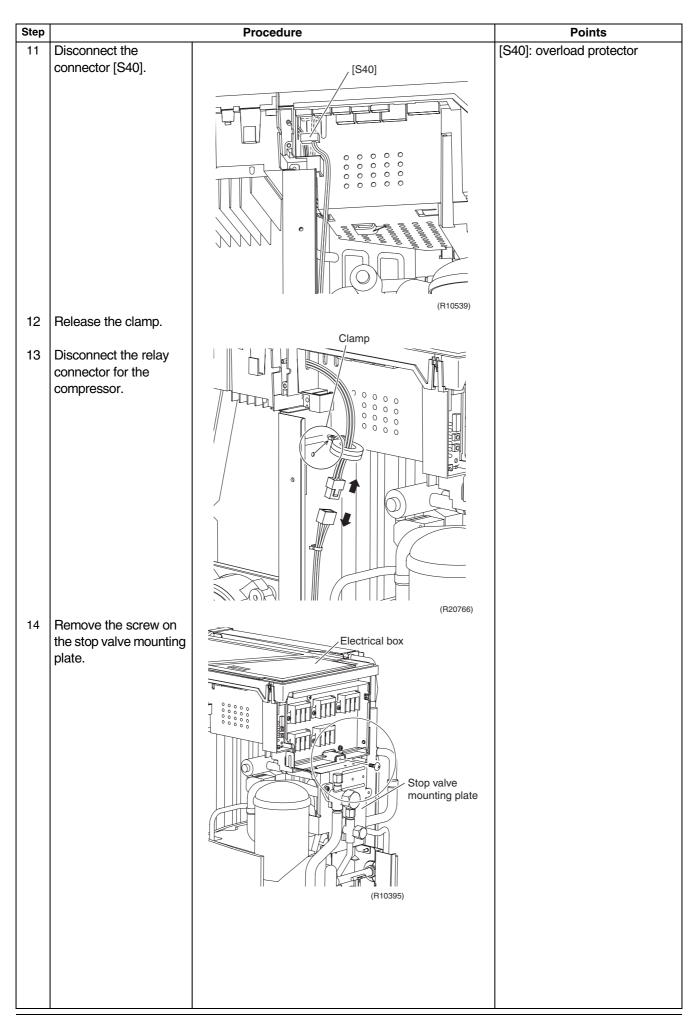
Si121292EC Electrical Box



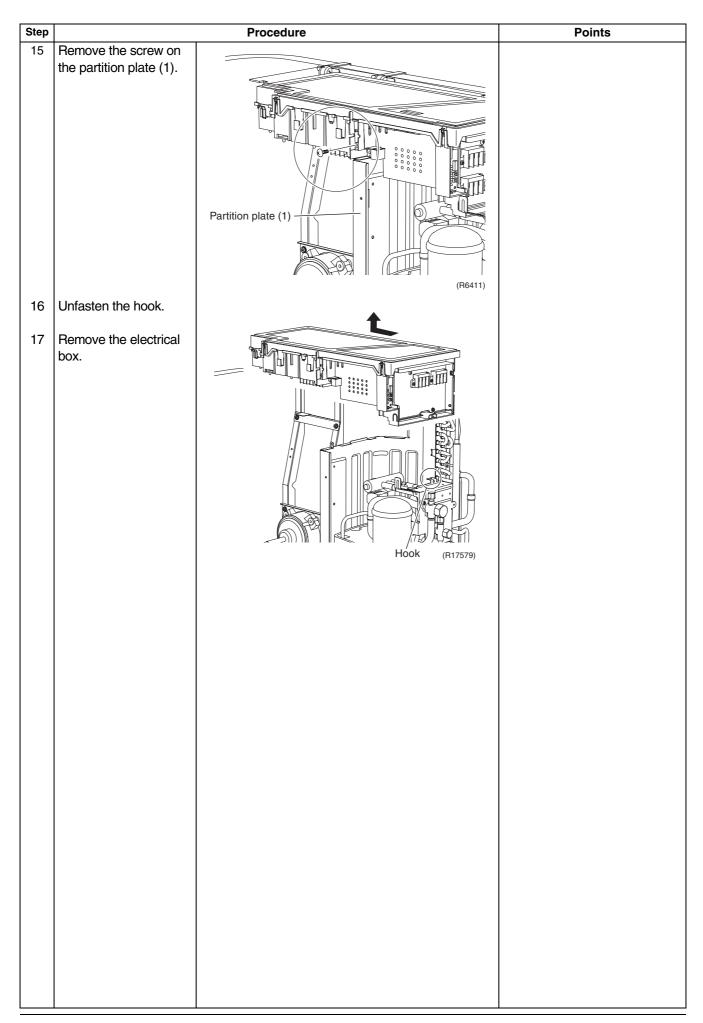
Electrical Box Si121292EC



Si121292EC Electrical Box



Electrical Box Si121292EC



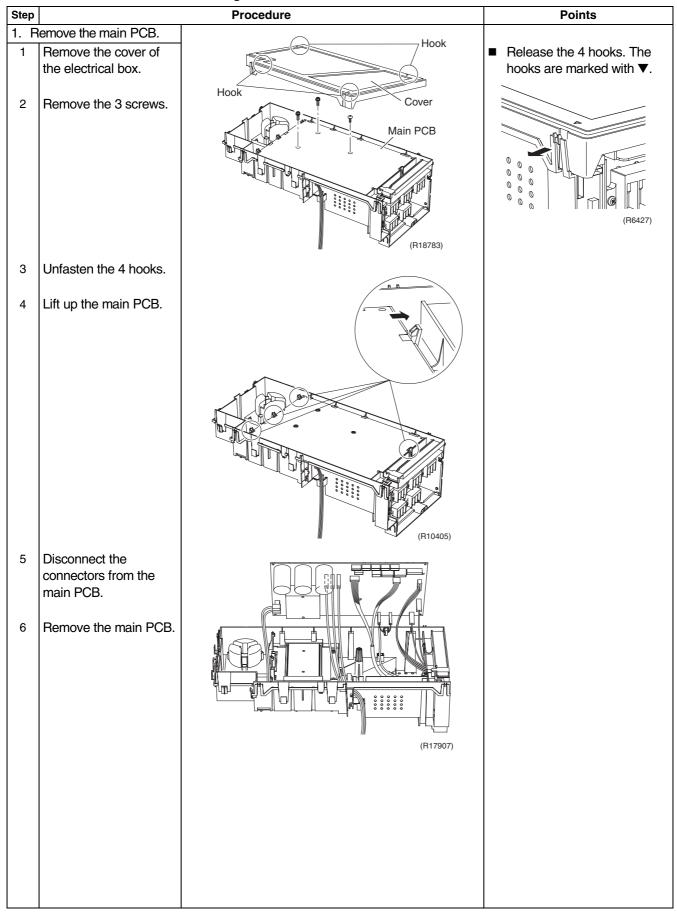
Si121292EC PCBs

3. PCBs

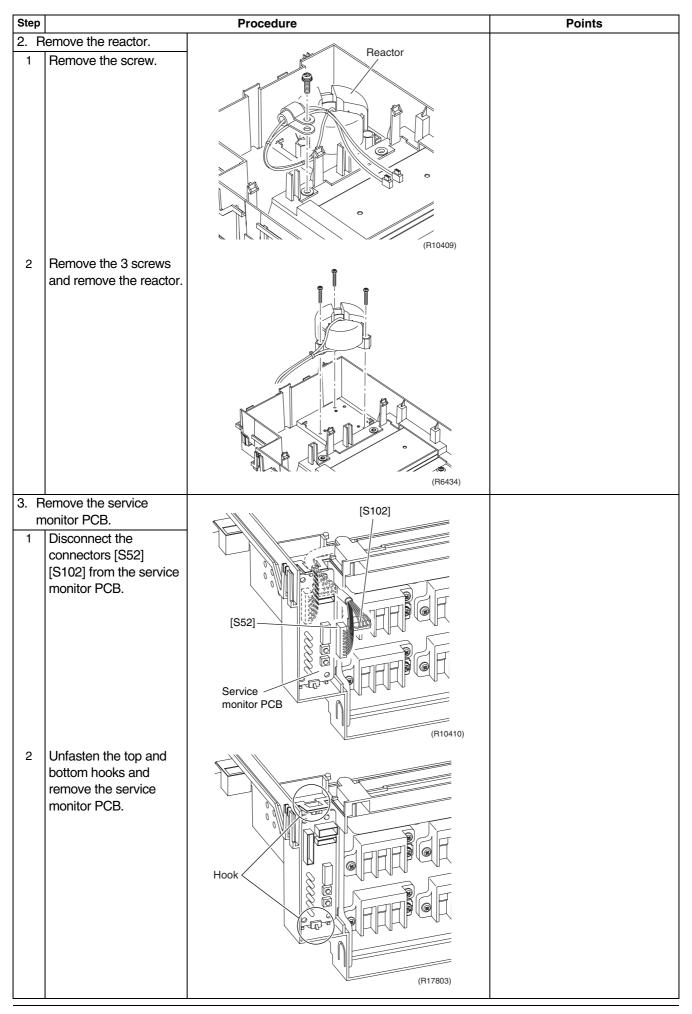


Warning

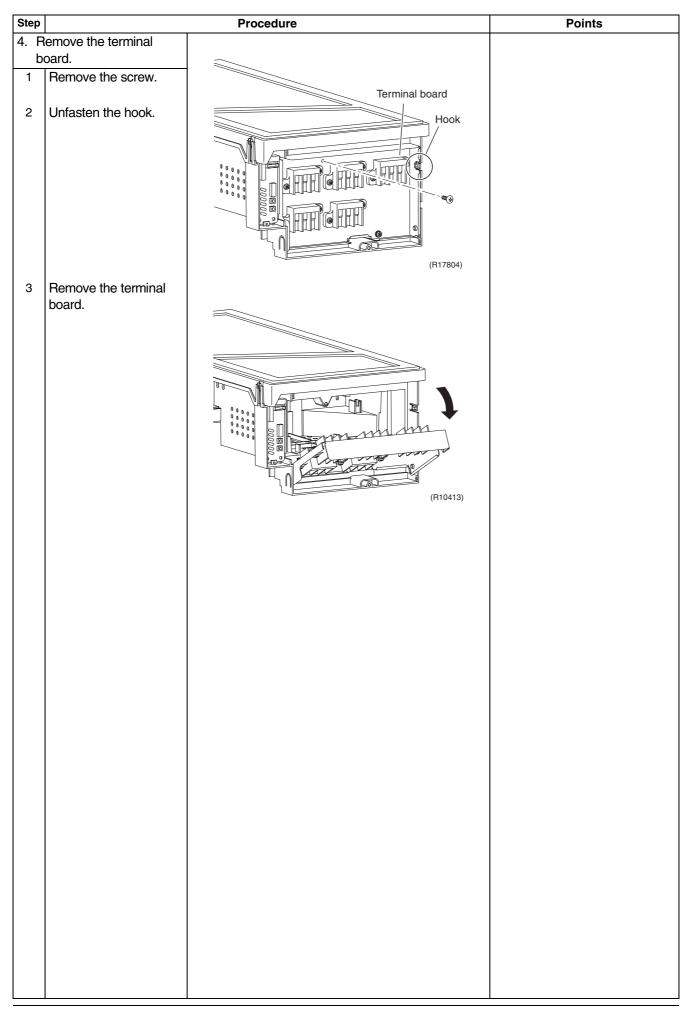
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



PCBs Si121292EC



Si121292EC PCBs



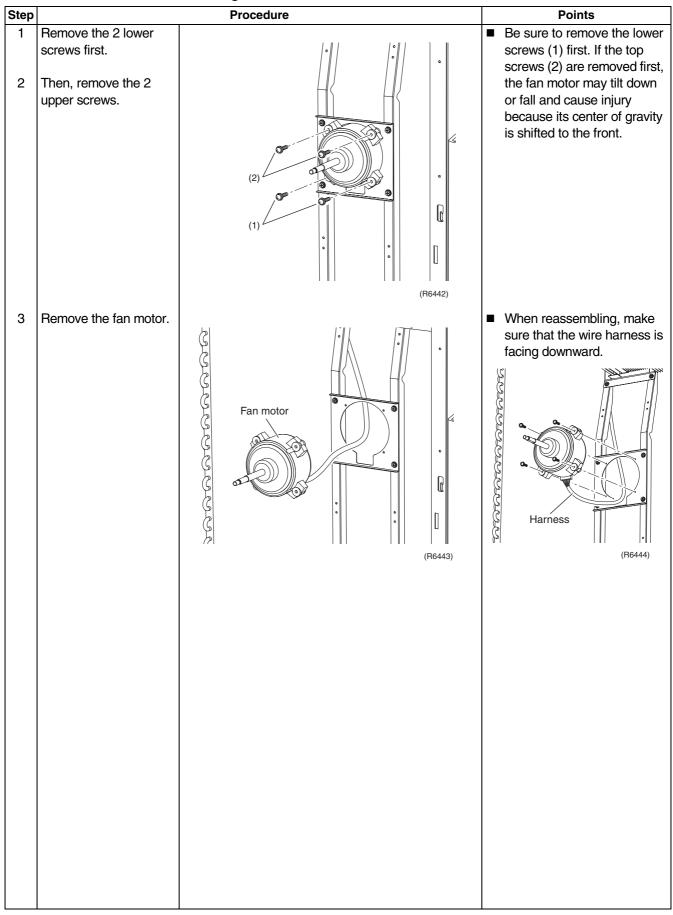
Fan Motor Si121292EC

4. Fan Motor



Warning

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



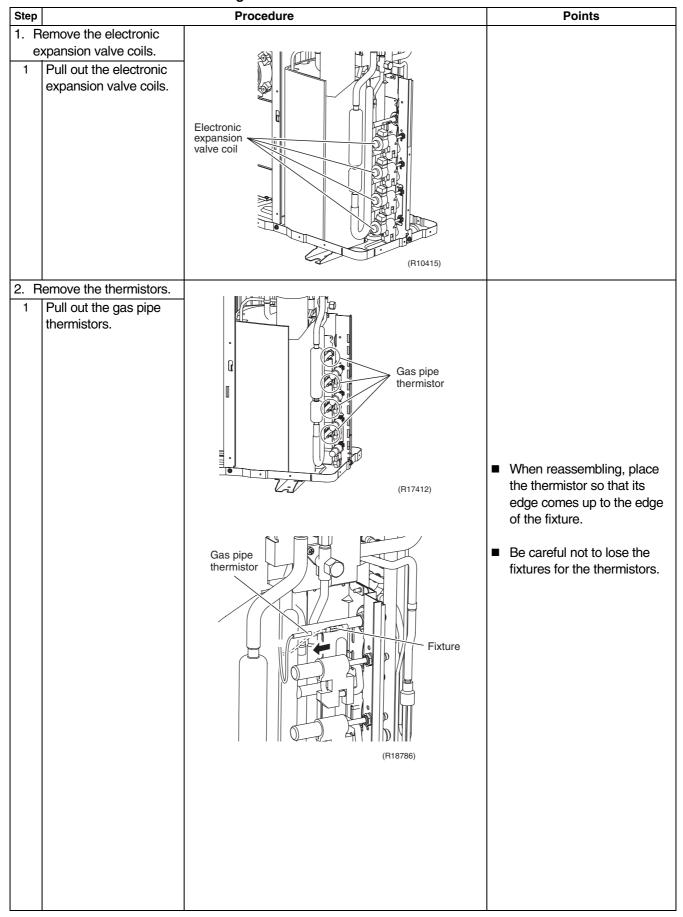
Si121292EC Coils / Thermistors

5. Coils / Thermistors

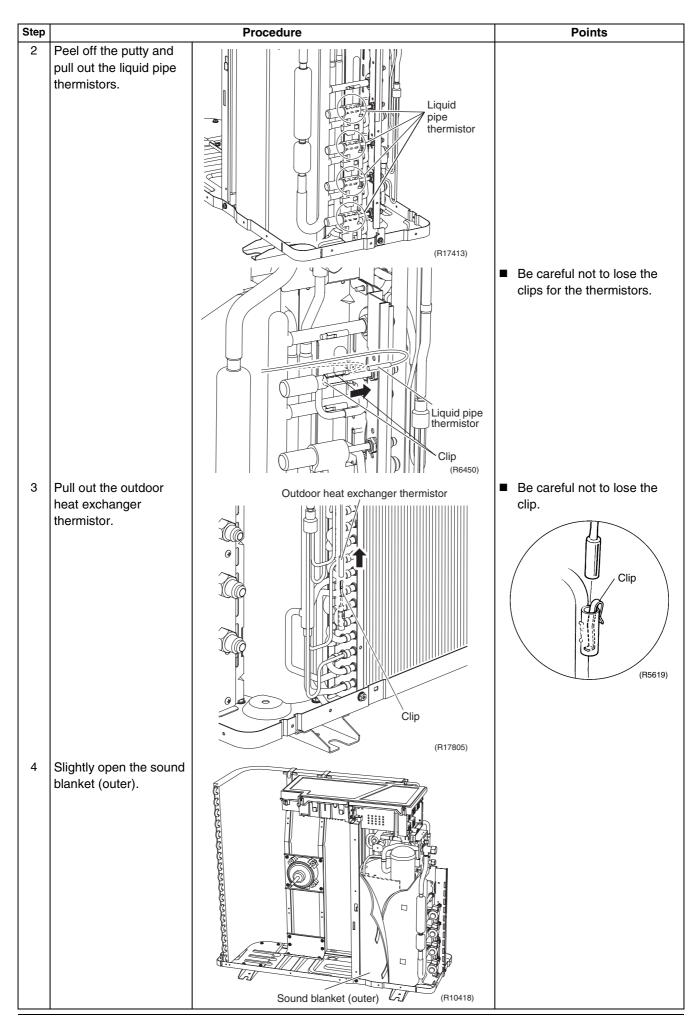


Warning

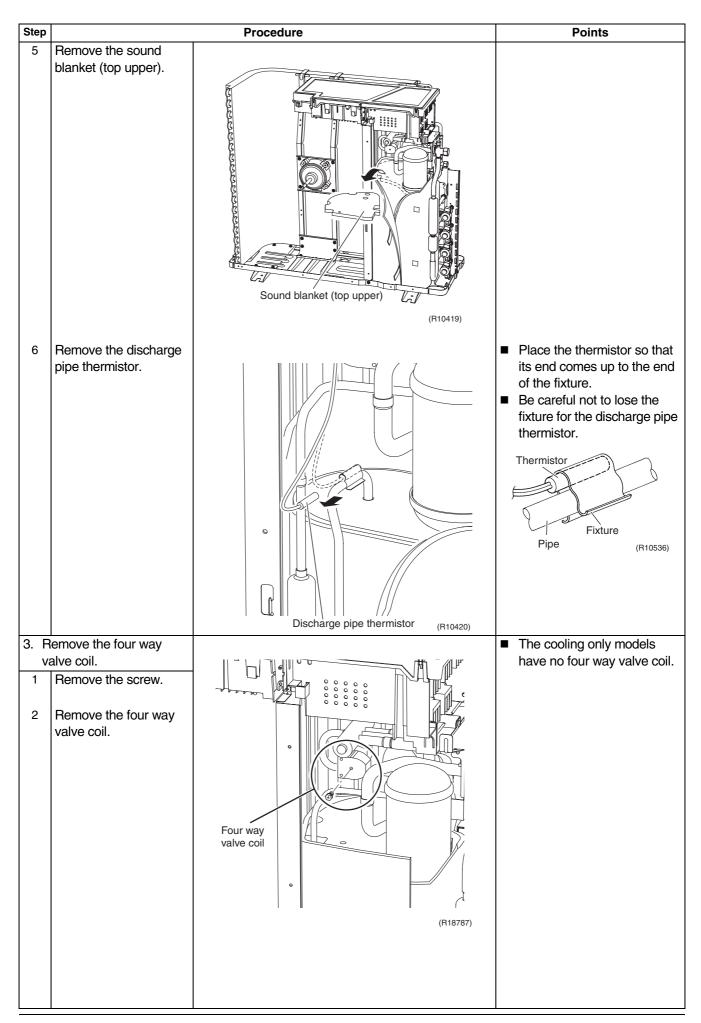
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Coils / Thermistors Si121292EC



Si121292EC Coils / Thermistors



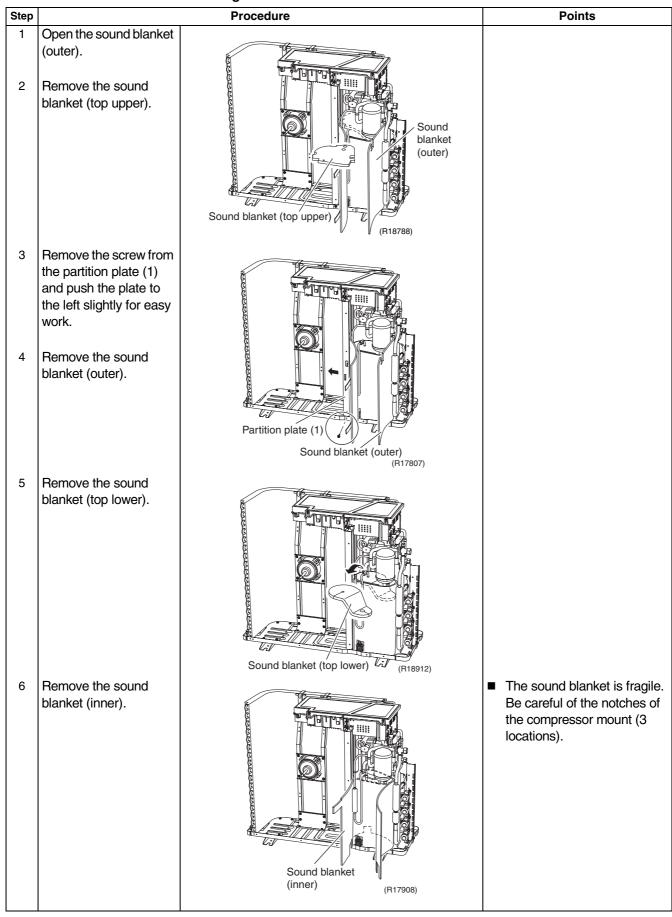
Sound Blankets Si121292EC

6. Sound Blankets



Warning

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



Si121292EC Compressor

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.

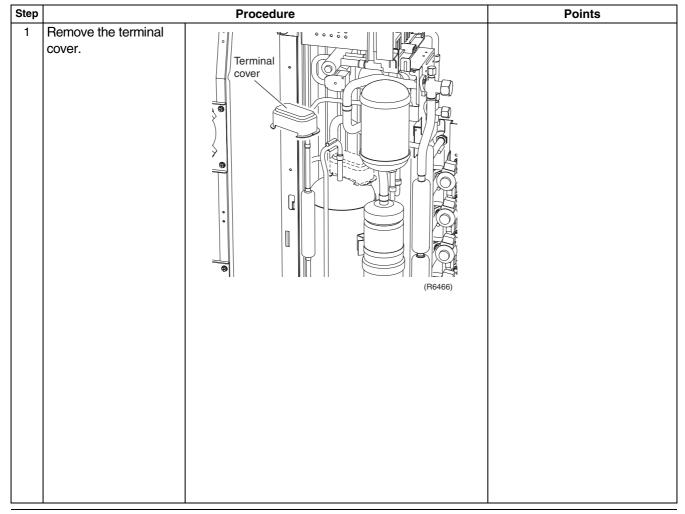


- From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.
- · Restore the piping by non-oxidation brazing.

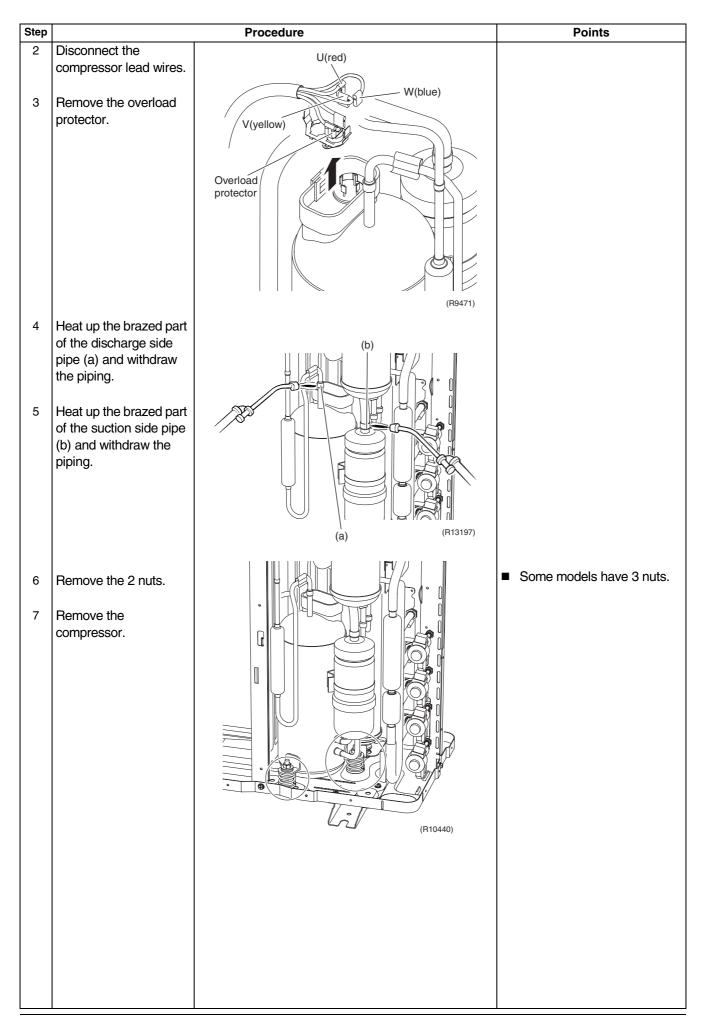


Note

- 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.



Compressor Si121292EC



Revision History

Month / Year	Version	Revised contents
09 / 2012	Si121292	First edition
04 / 2013	Si121292_A	Model addition: 4MXS80E3V3B, 5MXS90E3V3B
08 / 2014	Si121292EB	Model addition: 4MK(X)S80LVMA9
04 / 2015	Si121292EC	Model addition: 4MKS80FSG



- 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.

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