



4/5/6 HP Class









Service Manual Removal Procedure

Outdoor Unit

Applicable Models

●Heat Pump RZQ100KAVLT RZQ125KATLT RZQ140KATLT

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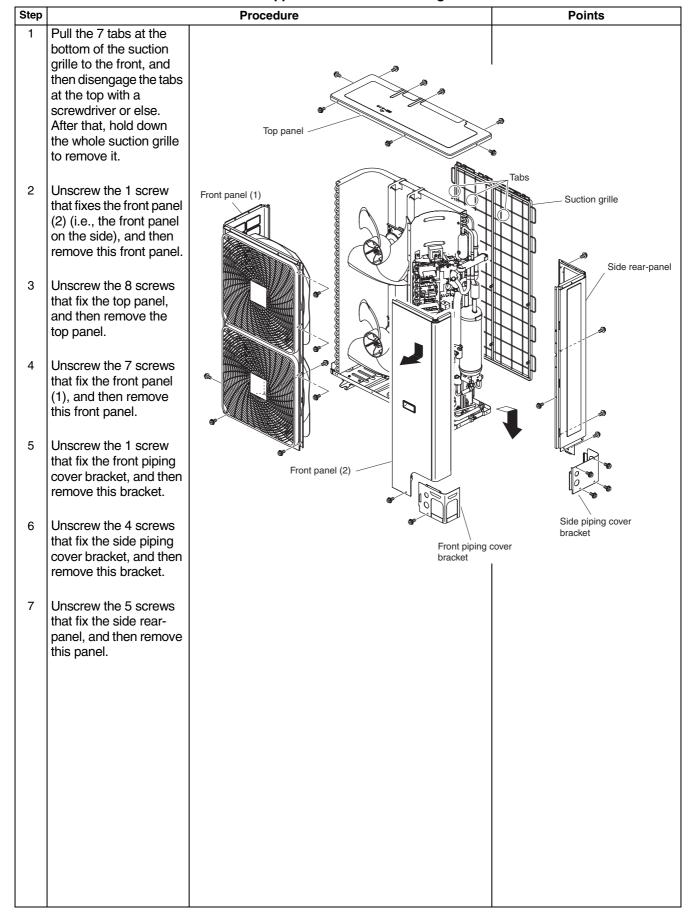
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1. Procedure to Remove Outside Panels

Procedure

Warning

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



2. Procedure to Remove Propeller Fan and Fan **Motor**

Procedure

/ Warning

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

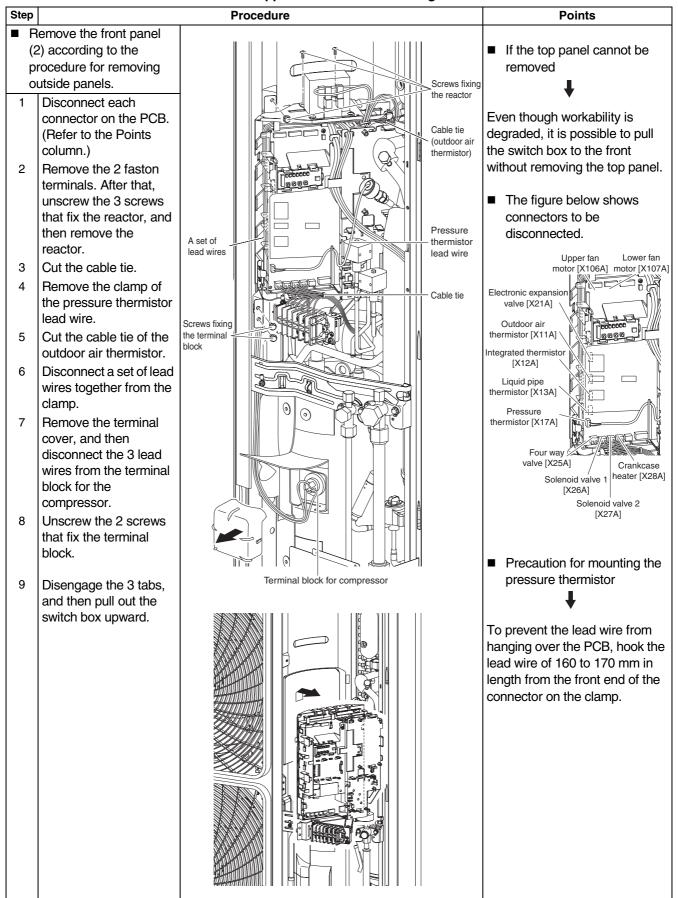
Step	Procedure	Points
 Remove the front panel (2) according to the procedure for removing outside panels. Removing the propeller fan Disengage the 4 tabs at 	Propeller fan	. 55
the top and bottom of the discharge grille to remove the 4 mounting screws, and dismount the discharge grille. 2 Remove the fan setting nut on the propeller fan		
 Removing the fan motor Remove the front panel (1) according to the procedure for removing outside panels. 	Fan lock nut Front panel (1)	
Disconnect the connector for fan motor from the PCB provided in the switch box.	Discharge grille Tabs	 To disconnect the connector, do not pull the lead wire. Hold the connector section and press the tabs.
2 Cut the cable tie of lead wires (located on the reverse side of the stop valve mounting plate).	Upper motor connector (red) Lower motor connector (white)	 Precaution for mounting the motor Be sure to fix the motor lead wires with clamps. Not doing so may cause the lead wires
Pull out the lead wires through the opening of the partition panel, and then unclamp the 3 clamps. (Note that the partition plate has 3 tabs.)	Fan motor Stop valve mounting plate Opening of partition panel	to get entangled with the fan, thus resulting in damage to the fan.
4 Unfasten to remove the 4 bolts that fix the fan motor, and then take out this motor.		Lead wire Propeller fan

3. Procedure to Remove Switch Box

Procedure

Warning

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



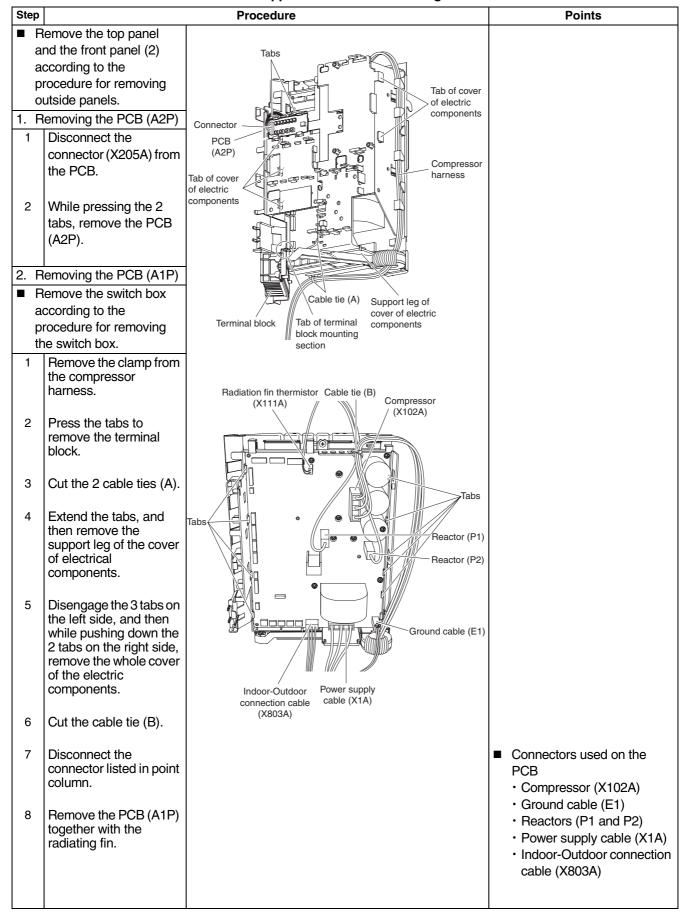
Procedure to Remove PCB

4. Procedure to Remove PCB

Procedure

/ Warning

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

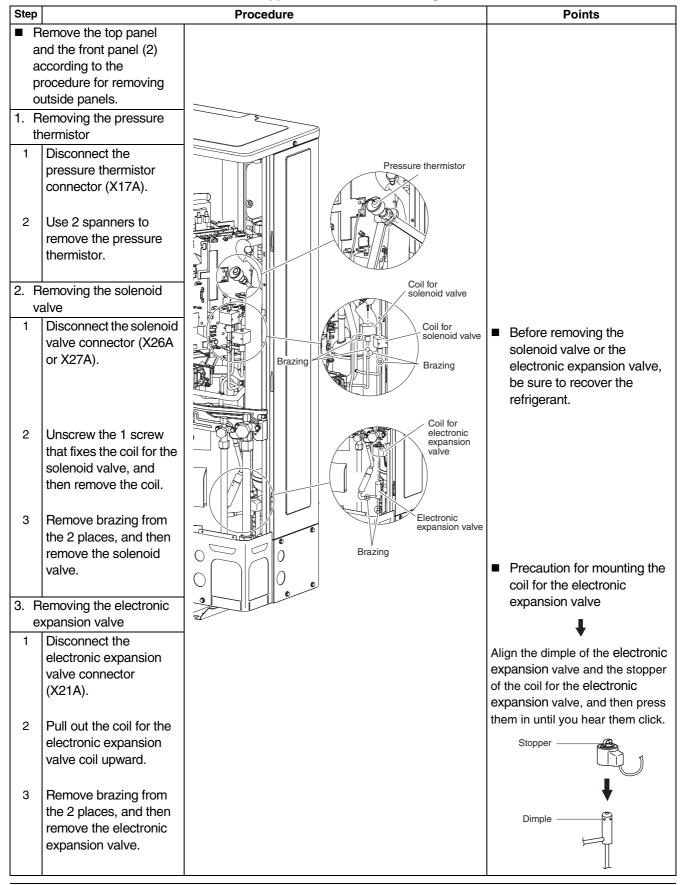


5. Procedure to Remove Pressure Thermistor, Solenoid Valve and Electronic Expansion Valve

Procedure

Warning

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

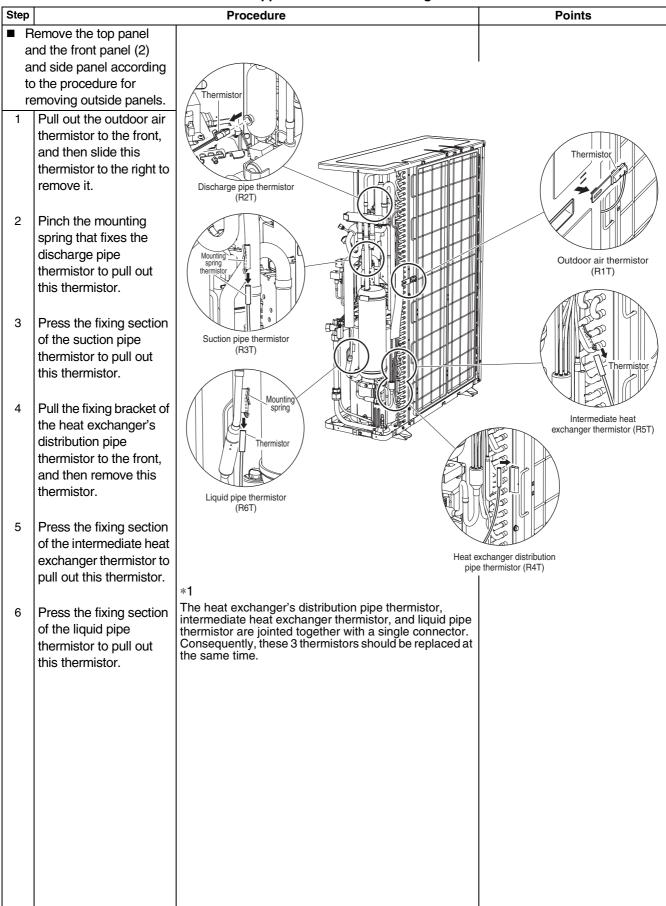


6. Procedure to Remove Thermistor

Procedure

Warning

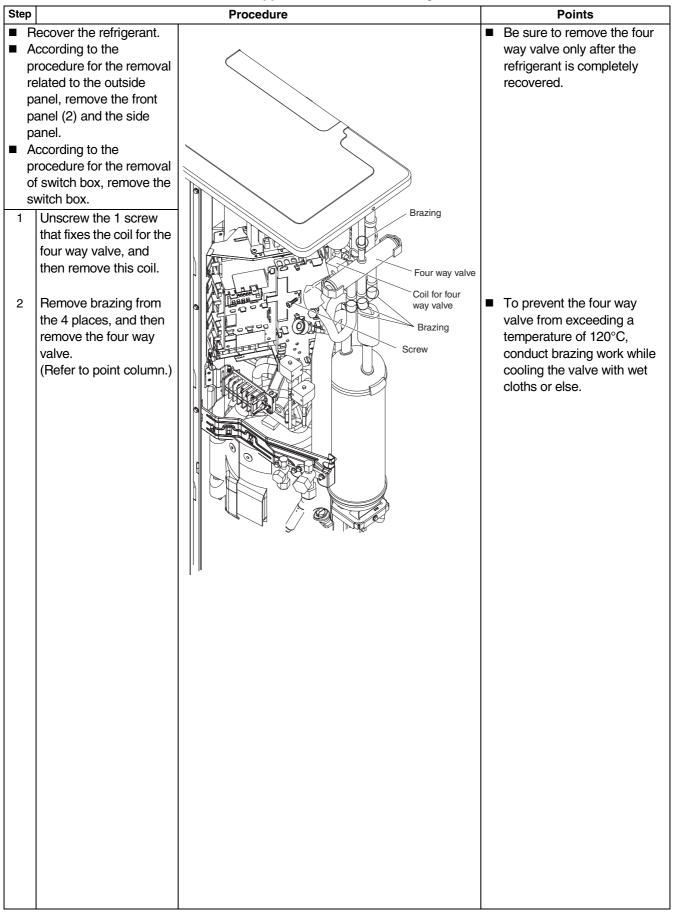
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



7. Procedure to Remove Four Way Valve

Procedure

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



8. Procedure to Remove Compressor

Procedure

1 Warning

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

Procedure Step **Points** ■ Recover the refrigerant. ■ Be sure to remove the (Refer to point column.) compressor only after the ■ Remove the front panel refrigerant is completely Stop valve (2) and the front piping recovered. mounting cover bracket. plate Terminal block Unscrew the 5 screws that fix the stop valve mounting plate, and String W (blue) then remove this Gas piping mounting plate. U (red) Liquid piping 2 Remove the gas piping and the liquid piping. 3 Remove the Compressor compressor terminal lead wires cover. 4 Disconnect the lead wires from the terminal block. String 5 Loosen the 2 strings, and then pull out the One out of the nuts that fix sound insulation of the the compressor is located compressor. outside of the partition panel. Unfasten to remove the 3 nuts that fix the Cutting point compressor. (Refer to (suction pipe) point column.) 7 Cut the suction pipe Brazing and the discharge pipe using a pipe cutter. (Refer to point column.) Cutting point (discharge pipe) ■ Be sure to cut 3 pipes by 8 Remove brazing from using a pipe cutter before the 3 places. disconnecting the brazed sections of pipes. A sudden 9 Lift to pull out the disconnection of the brazed compressor. sections can cause oil to Insulation catch fire. Nuts fixing the compressor

Revision History

Month / Year	Version	Revised contents
06 / 2013	Si281315E	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

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JQA-1452

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



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