

Si041258EA



1.5/2.0/2.5/3.5 kW Class



Indoor Unit



Wall Mounted Type



Service Manual Removal Procedure

Indoor Unit

•Heat Pump CTXS15K2V1B CTXS35K2V1B

FTXM20K3V1B FTXM25K3V1B

FTXS20K2V1B FTXS25K2V1B

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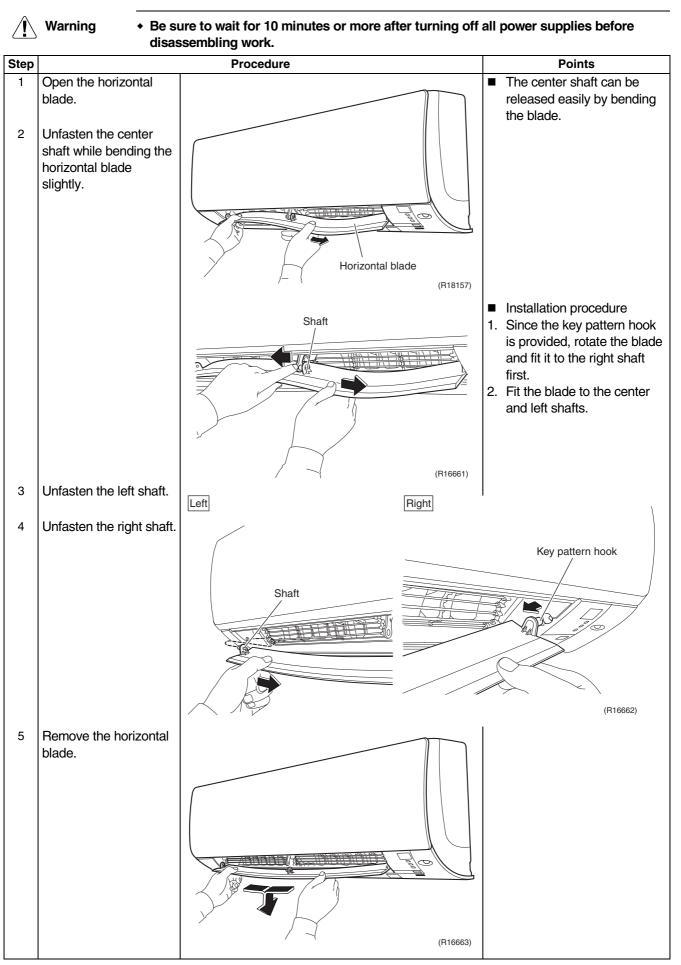
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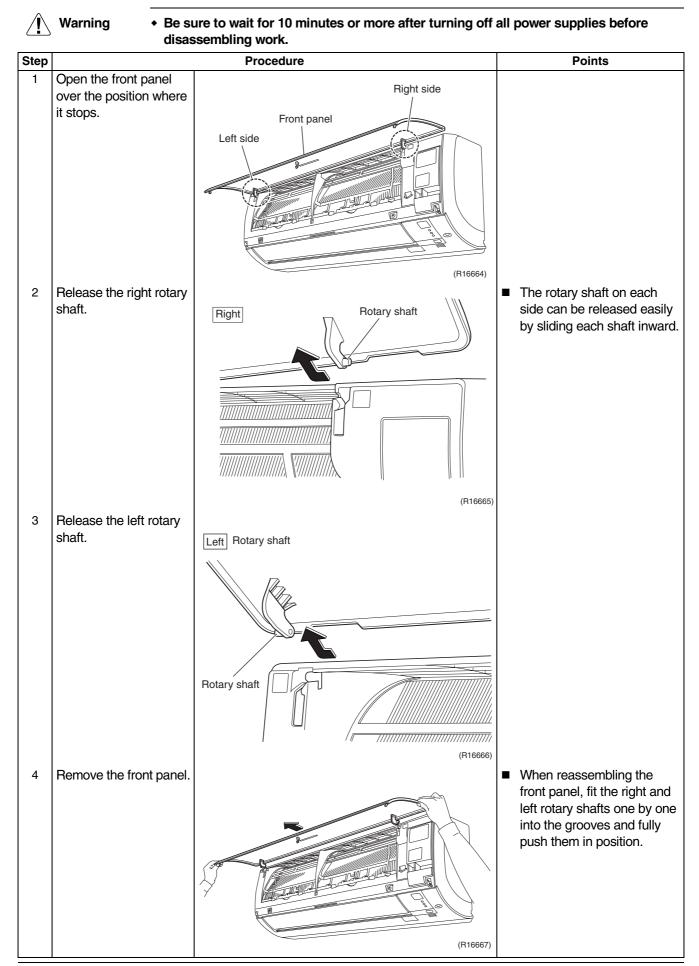
Note: • The illustrations may be slightly different depending on the model.

1. Air Filters Warning · Be sure to wait for 10 minutes or more after turning off all power supplies before /1 disassembling work. Procedure Step Points 1. Remove the air filters. The air filter is not marked Front panel for difference between the 1 Open the front panel. right and left sides. 2 Pull out the air filter ■ The air filter can be set downward and remove easily by inserting it along 3 171 it. the guides. 3 Remove the other air Insert the air filter with the filter in the same way. "FRONT" mark faced up. Hook Air filter (R18155) Be sure to insert the hooks (at 2 lower positions) when mounting the air filter. 2. Remove the Titanium Air filter apatite photocatalytic (back side) Projection air-purifying filters. Remove the Titanium 1 apatite photocatalytic air-purifying filter ASSY by unfastening the 2 projections from the back of the air filter. Titanium apatite photocatalytic air-purifying filter (R18156) 2 Remove the Titanium To prevent the damage, do apatite photocatalytic not remove the Titanium air-purifying filter from apatite photocatalytic airits frame (at 5 positions) purifying filter from the frame by bending it. when cleaning it. The right and left filters are interchangeable. Hook (R8027)

2. Horizontal Blade

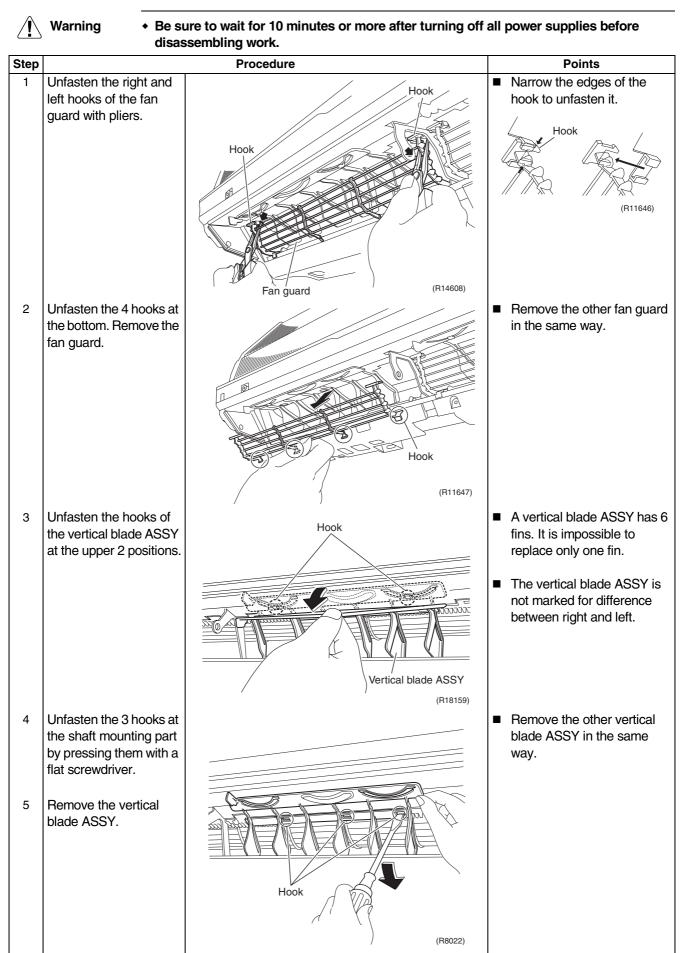


3. Front Panel

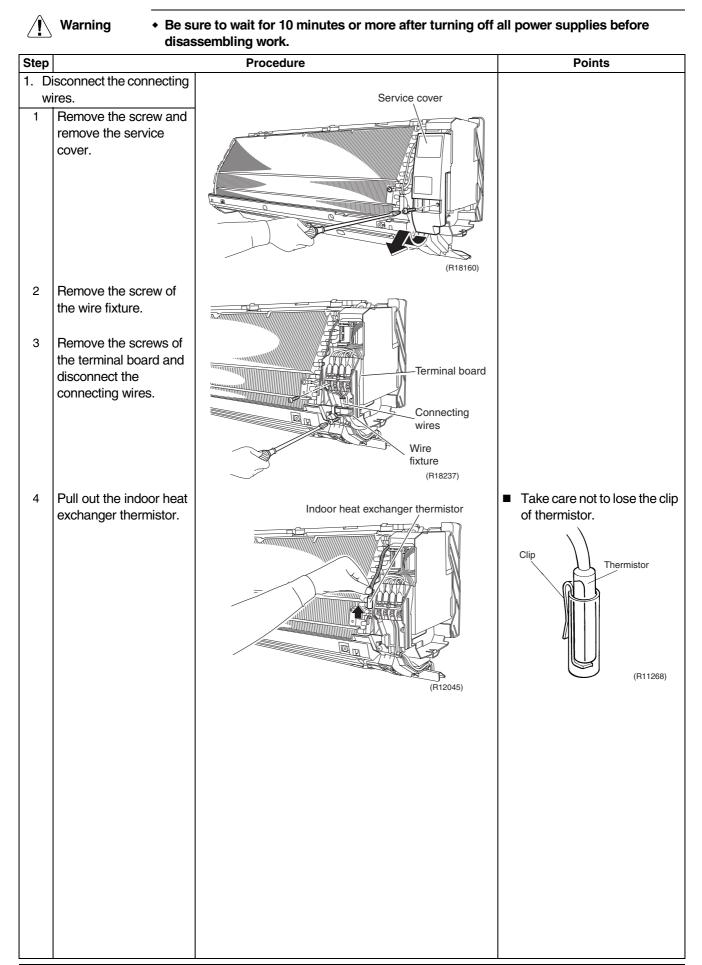


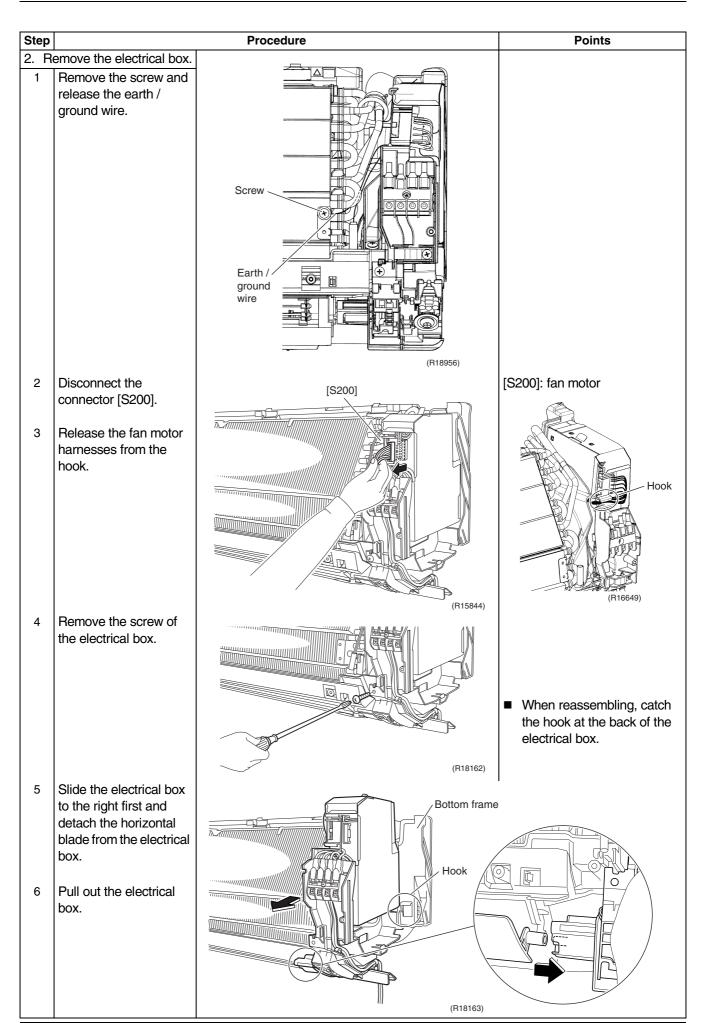
4. Front Grille Warning • Be sure to wait for 10 minutes or more after turning off all power supplies before <u>/</u>] disassembling work. Step Procedure Points Remove the 2 screws. 1 (R16668) 2 Unfasten the 3 hooks at Hook the top. Front grille 3 Pull the upper part of The convex marks (...) on the front grille out and the front panel indicate the lift the lower part up, position of the hooks. and then remove the front grille. (R12715) (R18158) When reassembling, make sure that all the 3 hooks are fastened.

5. Vertical Blade ASSYs

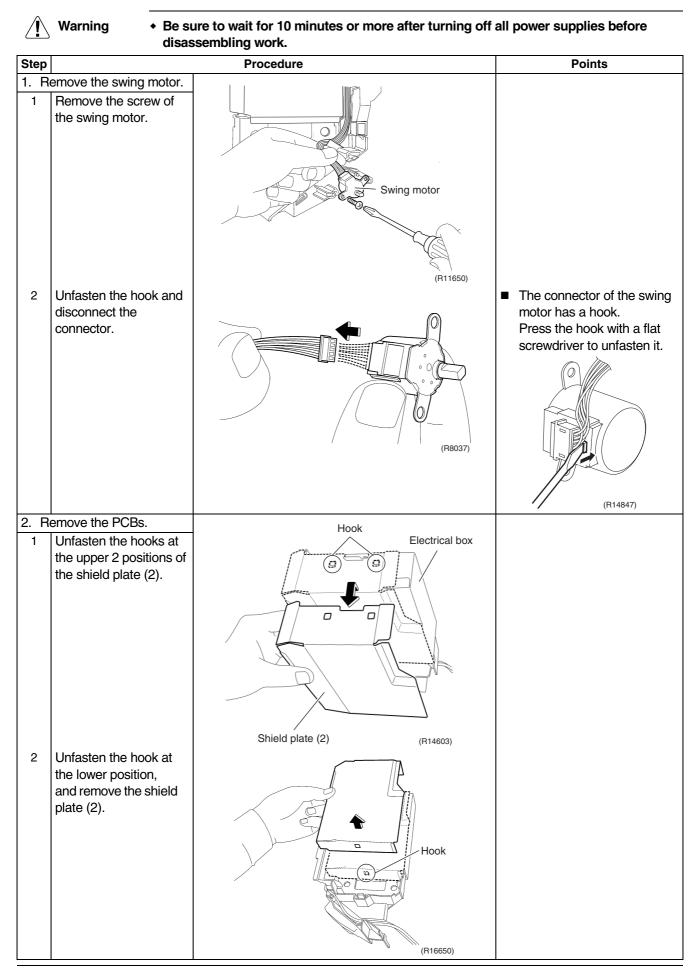


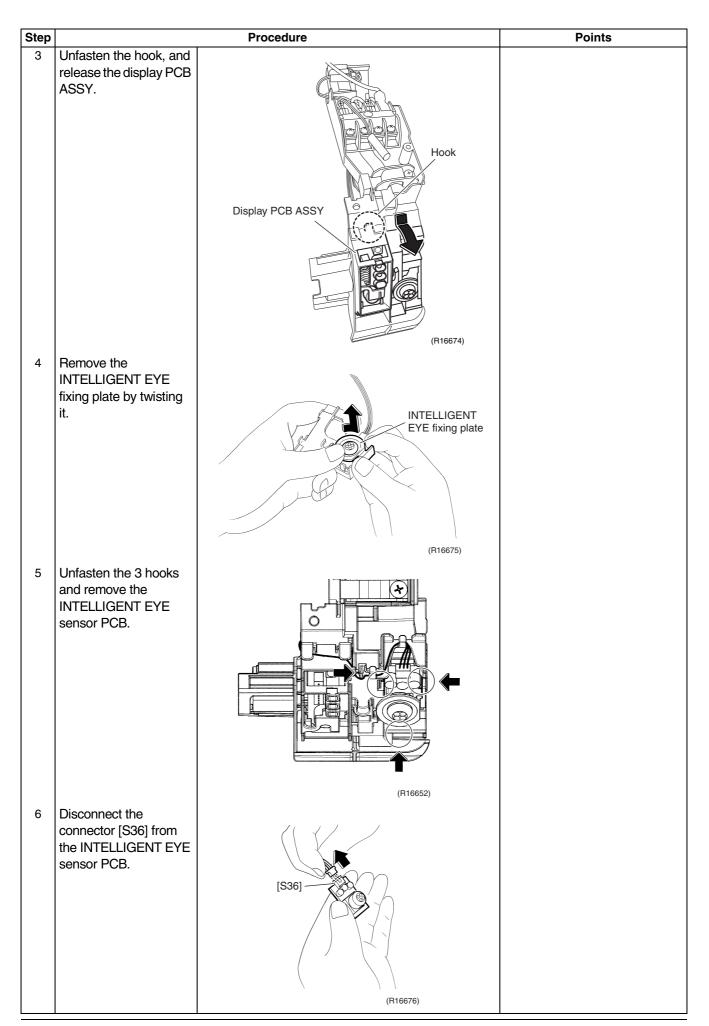
6. Electrical Box

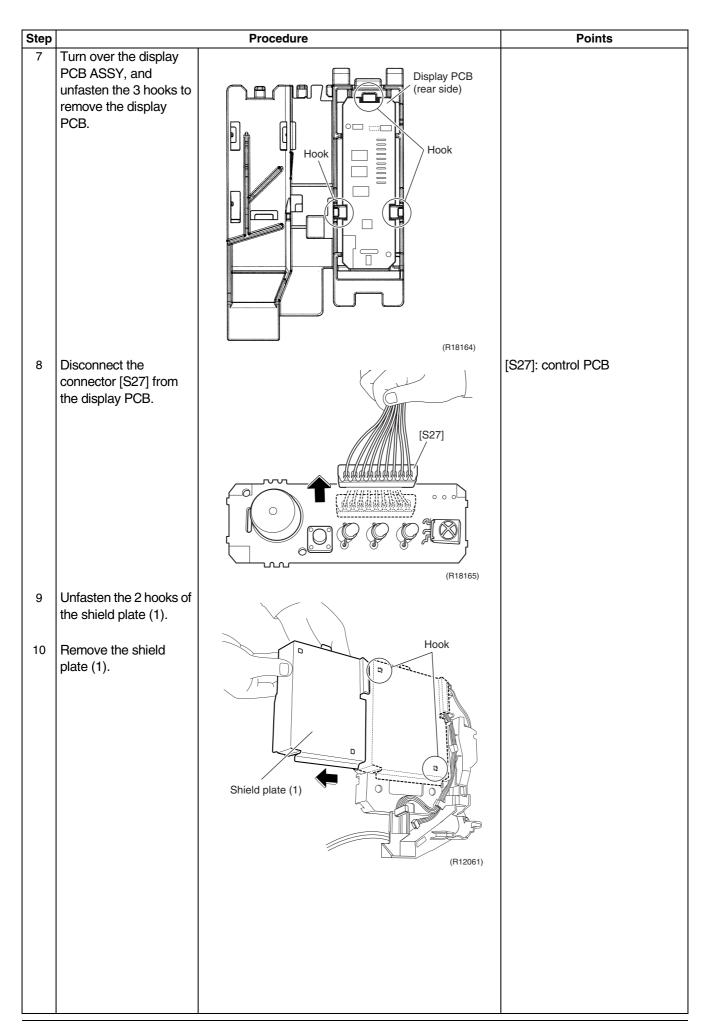


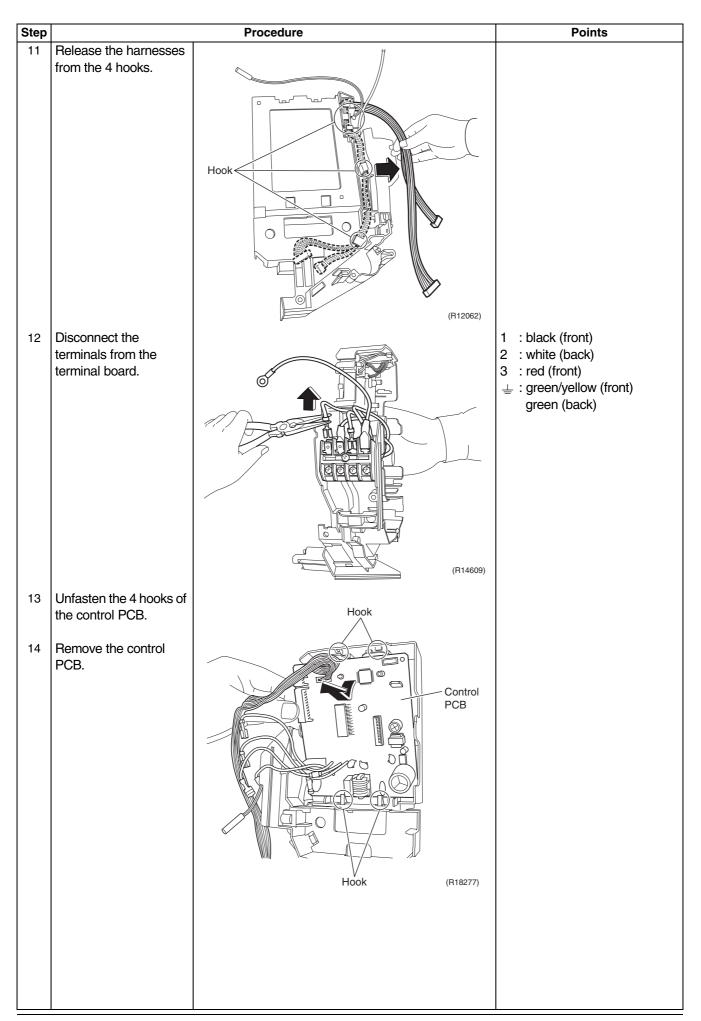


7. Swing Motor / PCBs









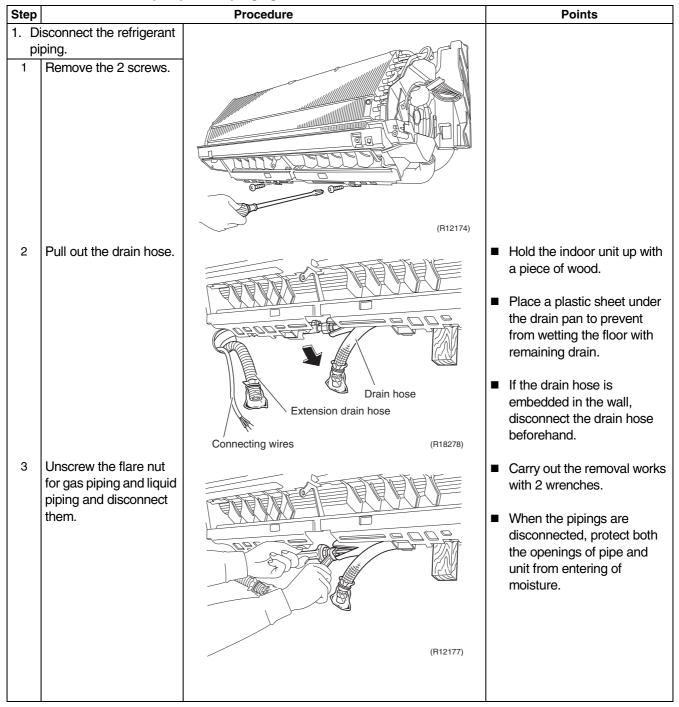
8. Indoor Heat Exchanger



- Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.
- In pump-down work, be sure to stop the compressor before disconnecting the refrigerant pipe. If the refrigerant pipe is disconnected with the compressor operating and the stop valve open, air may be sucked in and may generate an over-pressure in refrigeration cycle, thus resulting in pipe rupture or accidental injury.
- When removing or reinstalling the indoor heat exchanger, be sure to wear gloves or wrap the indoor heat exchanger with cloths. (You may be injured by the fins.)



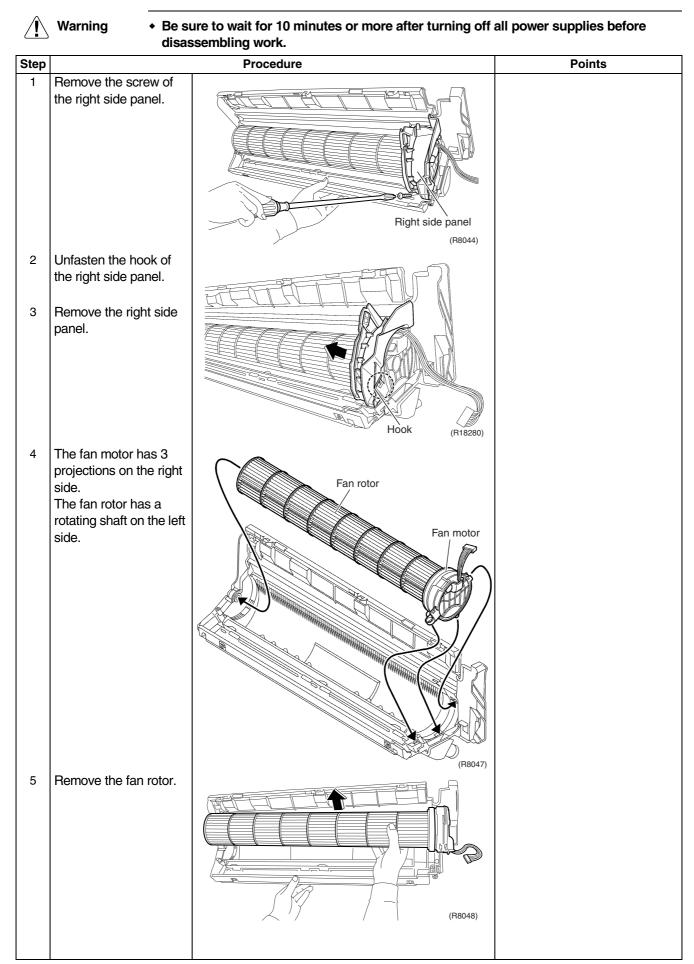
- Be sure to conduct pump down operation before disassembling the refrigerant pipe.
 If the refrigerant leaks, repair the spot of leaking, then collect all refrigerant from the unit. After conducting vacuum drying, recharge proper amount of refrigerant.
- From the viewpoint of global environmental protection, make sure to use a vacuum pump for air purging.



| Step | | Procedure | Points |
|------|--|--|----------|
| | lemove the indoor heat | | 1 01113 |
| | xchanger. | | |
| 1 | Remove the indoor unit from the installation plate. | (R1728) | |
| 2 | Unfasten the hook of the piping fixture on the back of the indoor unit. | | |
| | | Piping fixture | |
| | | Piping fixture | (R18166) |
| 3 | Slightly widen the | | |
| | auxiliary piping. | Auxiliary piping | |
| 4 | Remove the screw on the left side and unfasten the hook on the rear side. | HowImage: Constrained stateImage: Constrained state< | |
| | | | |

| Step | | Procedure | Points |
|------|--|---|----------------|
| 5 | Push and unfasten the hook on the right side and lift up the indoor heat exchanger. | Hook T T T T T T T T T T T T T | |
| 6 | Pull the indoor heat exchanger to the front side to unfasten the hooks completely, and then remove it. | Indoor heat | Image: Red all |

9. Fan Rotor / Fan Motor



| Step | | Procedure | Points |
|------|--|-------------------------------------|---|
| 6 | Press the bearing from outside and remove the bearing. | Bearing CCCC CCCC (R18167) | |
| 7 | Unfasten the 2 hooks of the motor cover. | Hook Hook Hook Hotor cover | |
| 8 | Pull out the fan motor from the fan rotor to remove. | | The magnet of the fan motor is united with the fan rotor. Be careful not to attract metal waste to the magnet. Keep away from the materials that can be affected by magnetic force also. |
| | | | |

Revision History

| Month / Year | Version | Revised contents |
|--------------|------------|--------------------------------|
| 04 / 2013 | Si041258 | First edition |
| 04 / 2015 | Si041258EA | Model addition: FTXM20/25K3V1B |



- 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.

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