

Si041551EB



## 1.5/2.0/2.5/3.5/4.2/5.0 kW Class 9000/12000/15000/18000 Btu/h Class



- Indoor Unit
- Inverter / Non-Inverter
- Wall Mounted Type



## Service Manual Removal Procedure

## **Indoor Unit**

Cooling Only CTKC15QVM4 CTKC20QVM4 **CTKM25PV14 CTKM35PV14 CTKM42PV14 CTKM50PV14** CTKM09PV2S CTKM12PV2S CTKM15PV2S CTKM18PV2S **CTKS25QVM** CTKS35QVM CTV25PV1G CTV35PV1G CTV50PV1G FTKC09QV2S FTKC12QV2S FTKC25QVM FTKC35QVM FTKC25QVM4 FTKC35QVM4 FTKC25QVMV FTKC35QVMV FTKM25PVM FTKM35PVM FTKM42PVM

FTKM50PVM

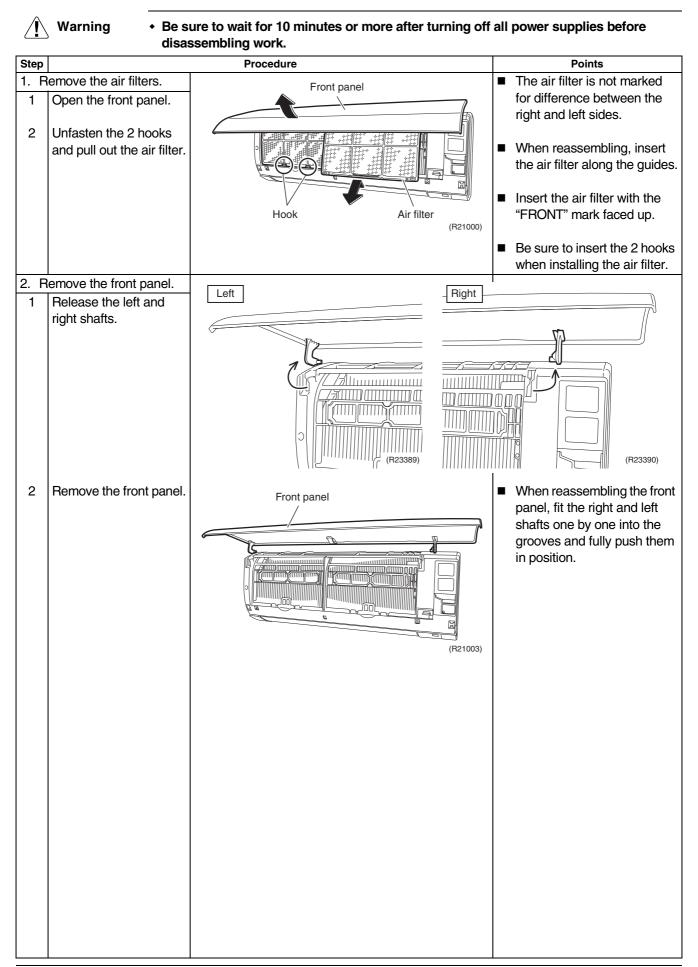
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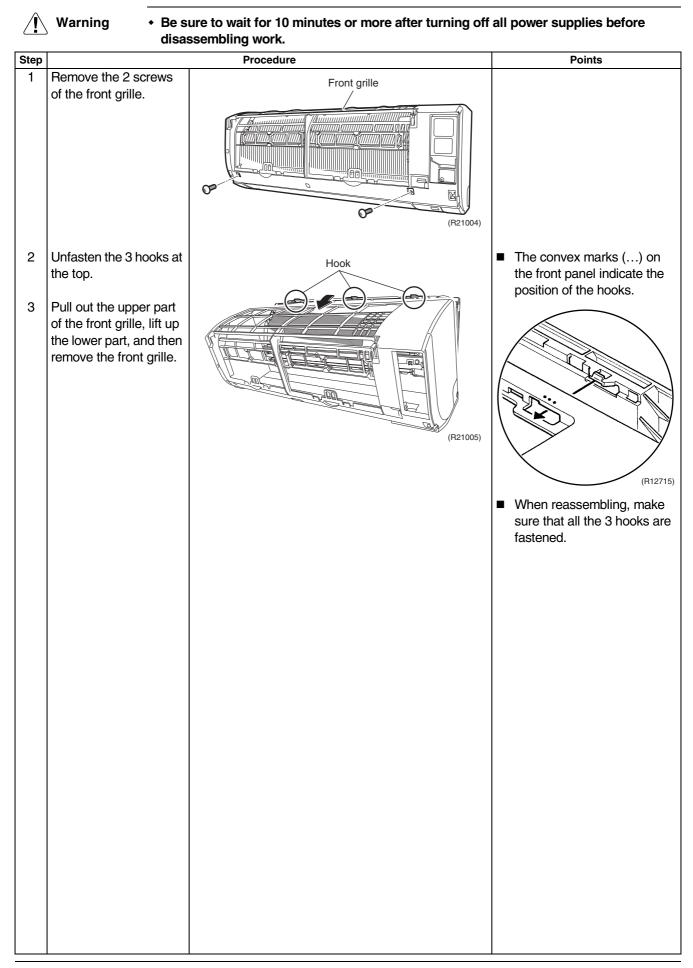


**Note:** • The illustrations may be slightly different depending on the model.

#### 1. Air Filters / Front Panel



### 2. Front Grille

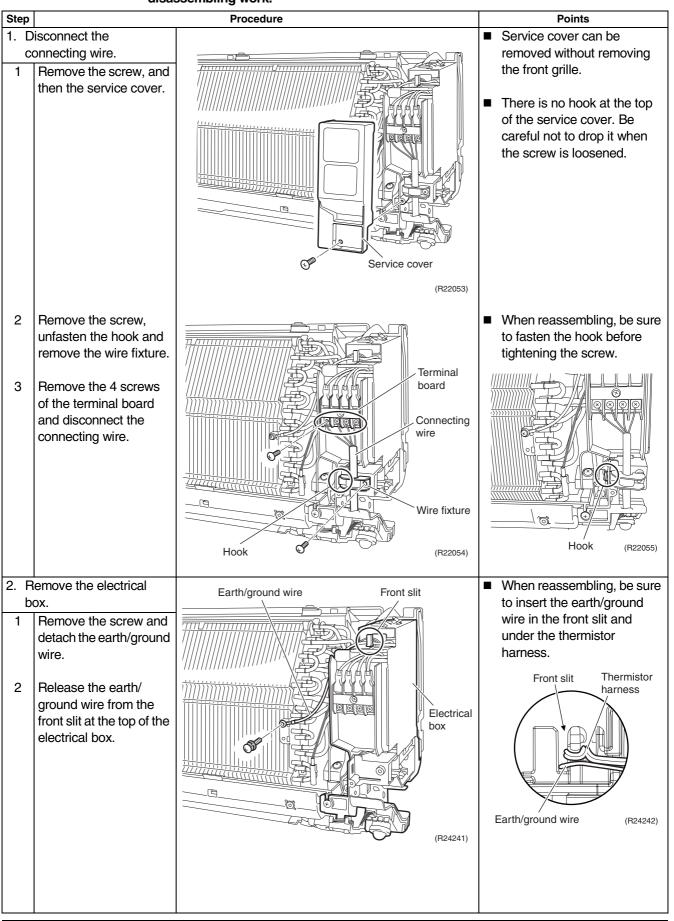


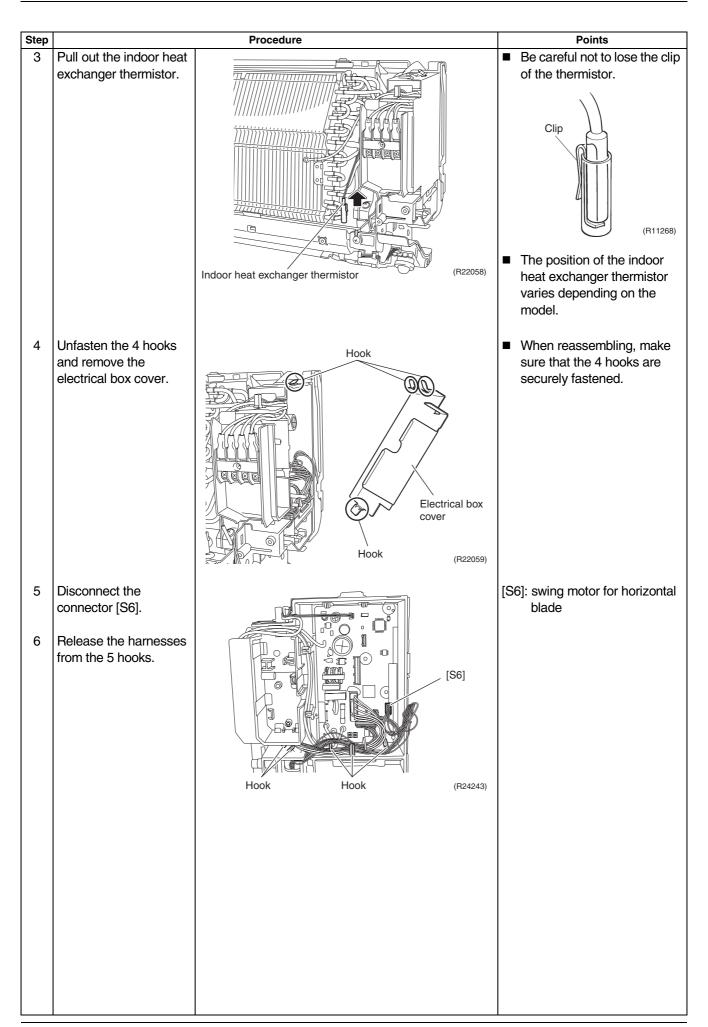
#### 3. Horizontal Blade <u>/</u>] Warning • Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work. Step Procedure Points Release the center 1 shaft while bending the horizontal blade slightly. Horizontal blade (R22051) Reassembling procedure 1. Fit the horizontal blade to the right shaft first. Make sure to rotate the horizontal blade so the shaft fits correctly. 2. Fit the horizontal blade to the center and left shafts. Shaft (R21007) 2 Release the left shaft. Shaft Right Left 3 Release the right shaft. Shaft (R23391) (R21008) Remove the horizontal 4 blade. Horizontal blade (R22052)

### 4. Electrical Box



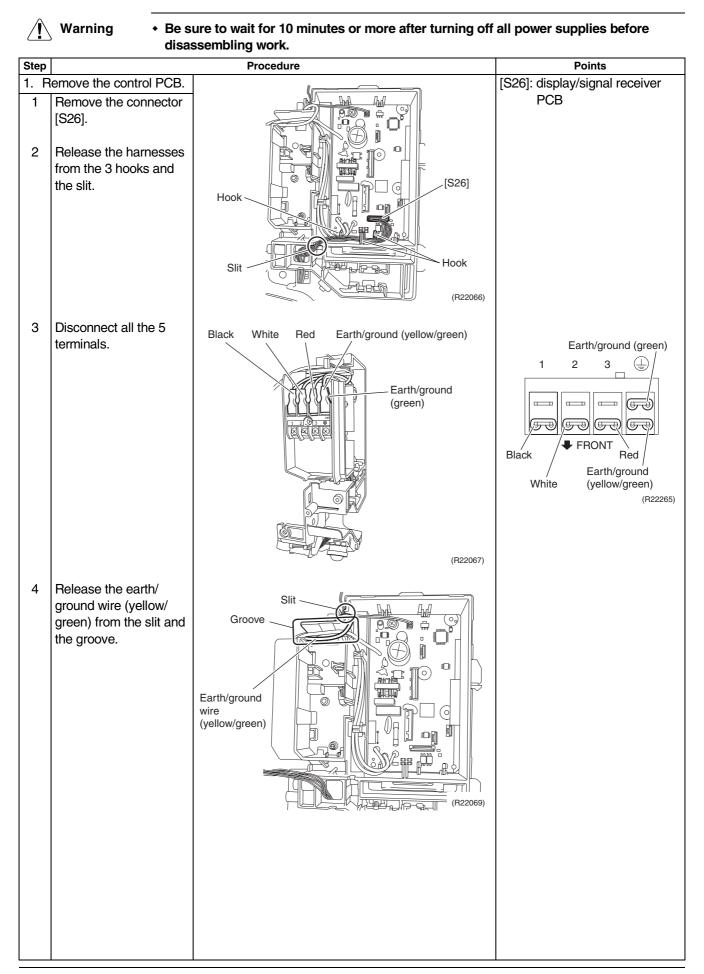
 Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

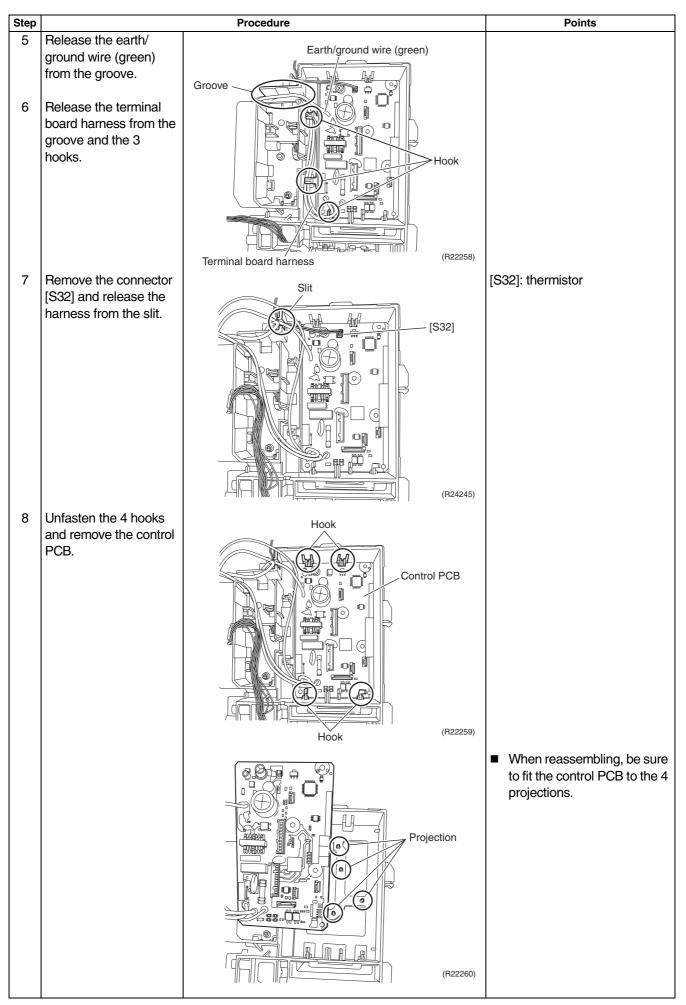




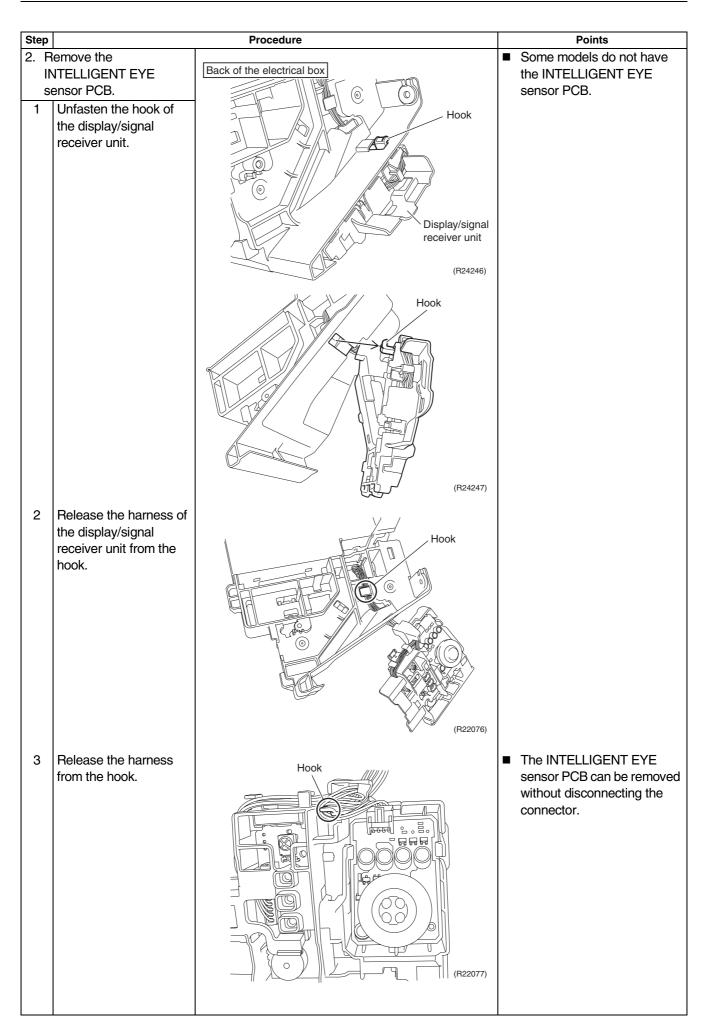
Step		Procedure	Points
7	Disconnect the		[S11]: swing motor for vertical
	connector [S11].		blades
8	Release the harnesses		Some models do not have
	from the 5 hooks.		the harness for [S11].
		Hook Hook (R24244)	
9	Disconnect the	HOOK HOOK (1223)	[S200]: for motor
9			[S200]: fan motor
	connector [S200].		
10	Release the harnesses		
10	from the 5 hooks.		
		Hook (R23393)	
11	Remove the screw of		When reassembling, make
	the electrical box.		sure to fasten the hook at the
			front of the electrical box.
12	Slightly lift the electrical		ETT VI
	box upward and remove it.		
	remove it.		
		Electrical box	
		(R22063)	
		SUNRED ////	Hook (R22064)
		Hook Bottom frame	When reassembling, make sure that the 2 hooks are
			securely fastened to the bottom frame.
			bollom name.
		Conschedul Celi y	
		Mangar	
		Hook (R22065)	

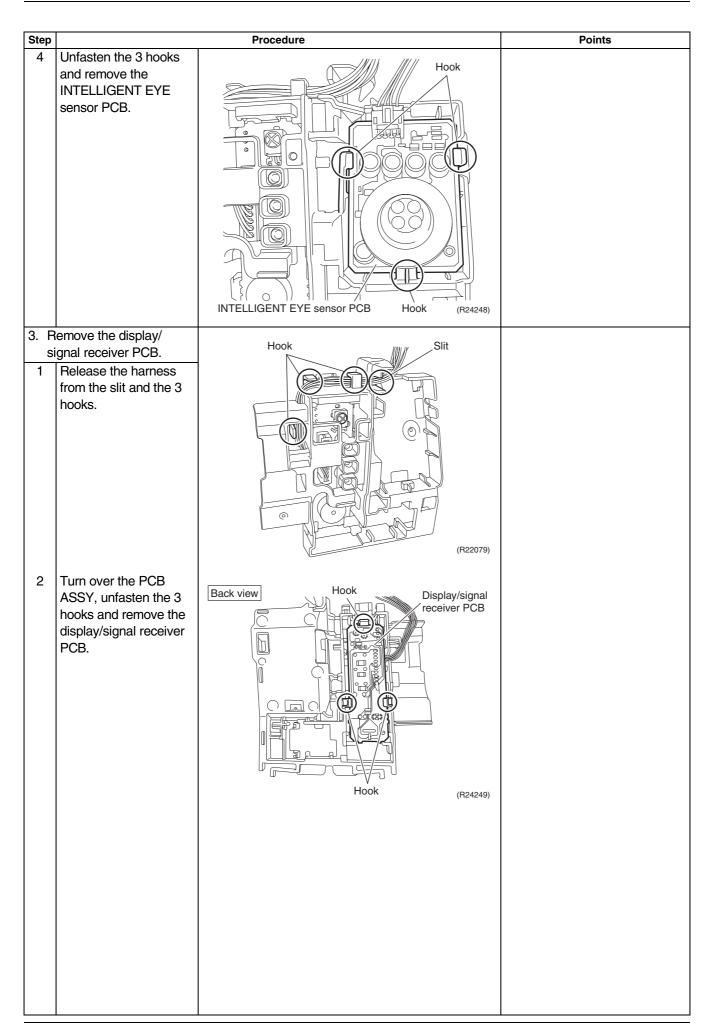
#### 5. PCBs



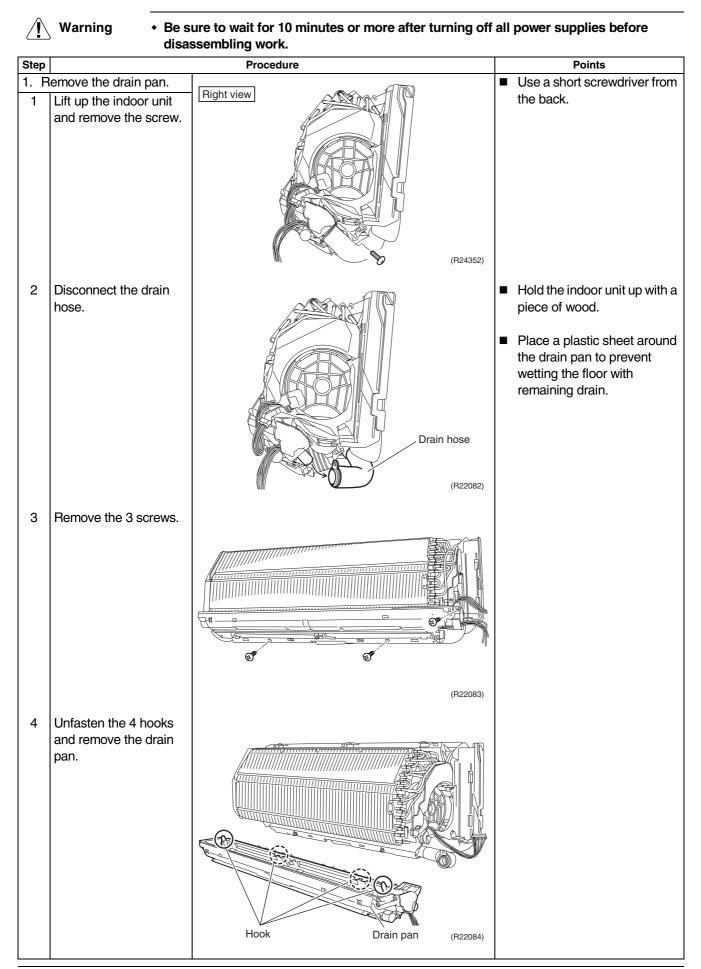


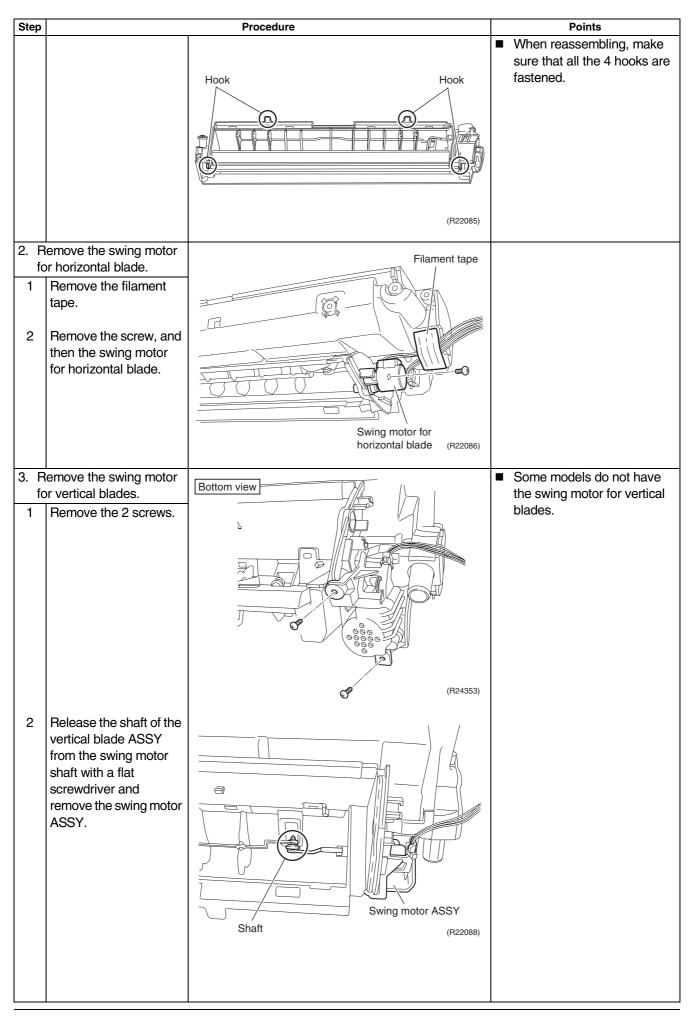
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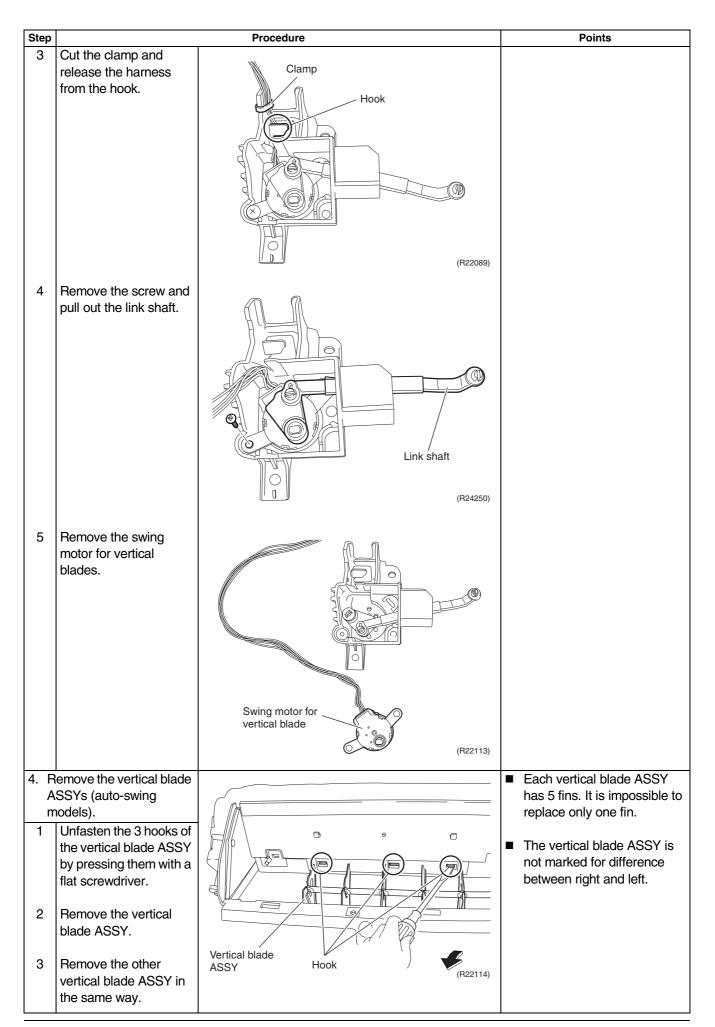




#### 6. Drain Pan / Swing Motors / Vertical Blade ASSYs







Step				Points
	emove the vertical blade	Hook		Each vertical blade ASSY
	SSYs (manual swing odels).			has 5 fins. It is impossible to replace only one fin.
1	Unfasten the upper 2 hooks.	Vertical blade ASSY (R21046)	•	The vertical blade ASSY is not marked for difference between right and left.
2	Unfasten the 3 hooks at the shaft mounting part by pressing them with a flat screwdriver.			
3	Remove the vertical blade ASSY.			
4	Remove the other vertical blade ASSY in the same way.	Hook (R21047)		

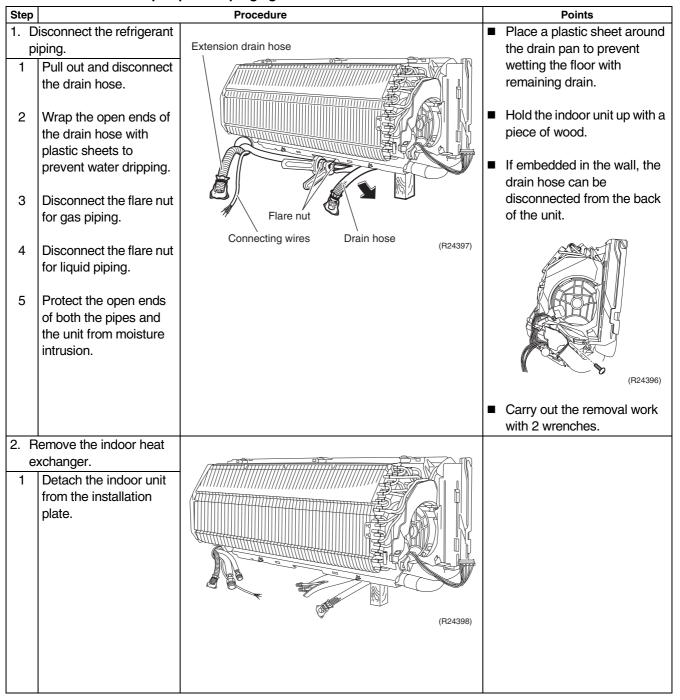
#### 7. Indoor Heat Exchanger

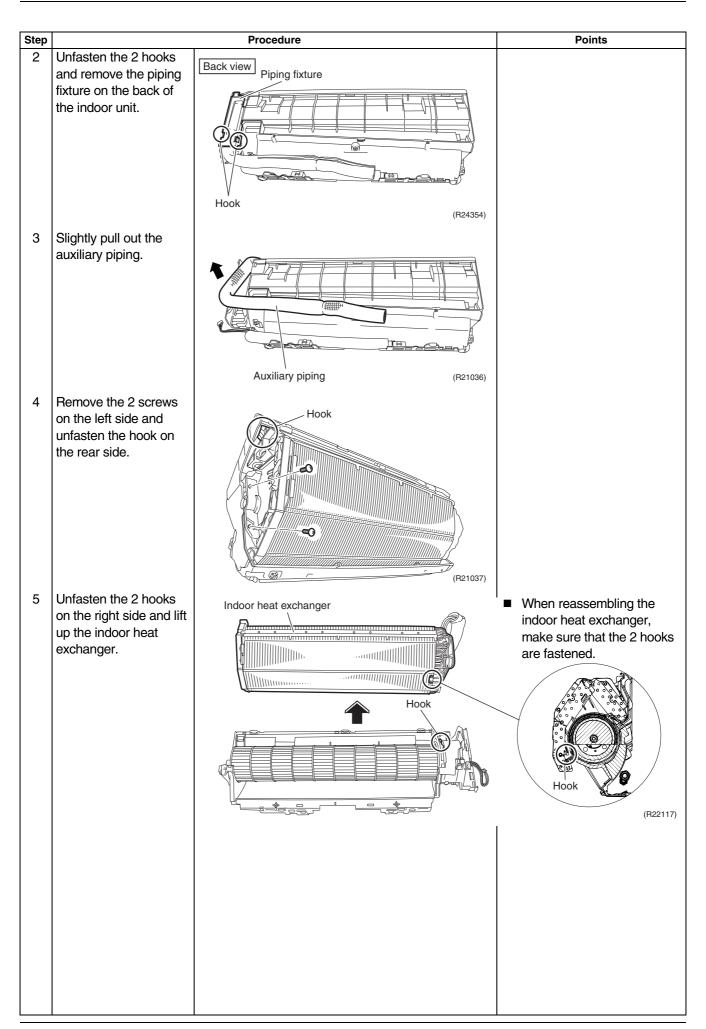
Marning

- 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.)

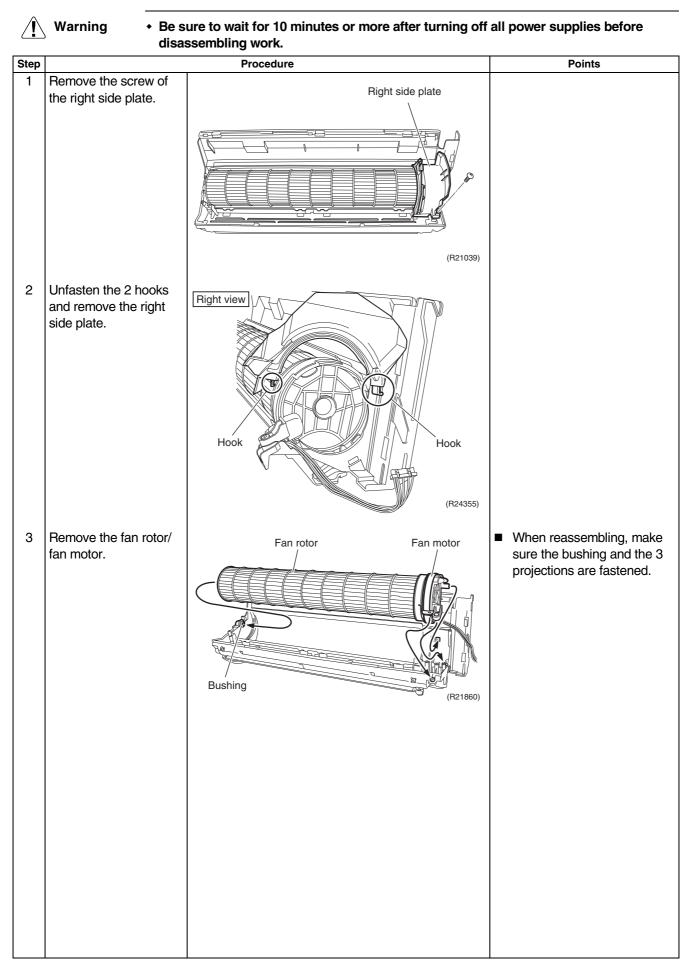
Caution

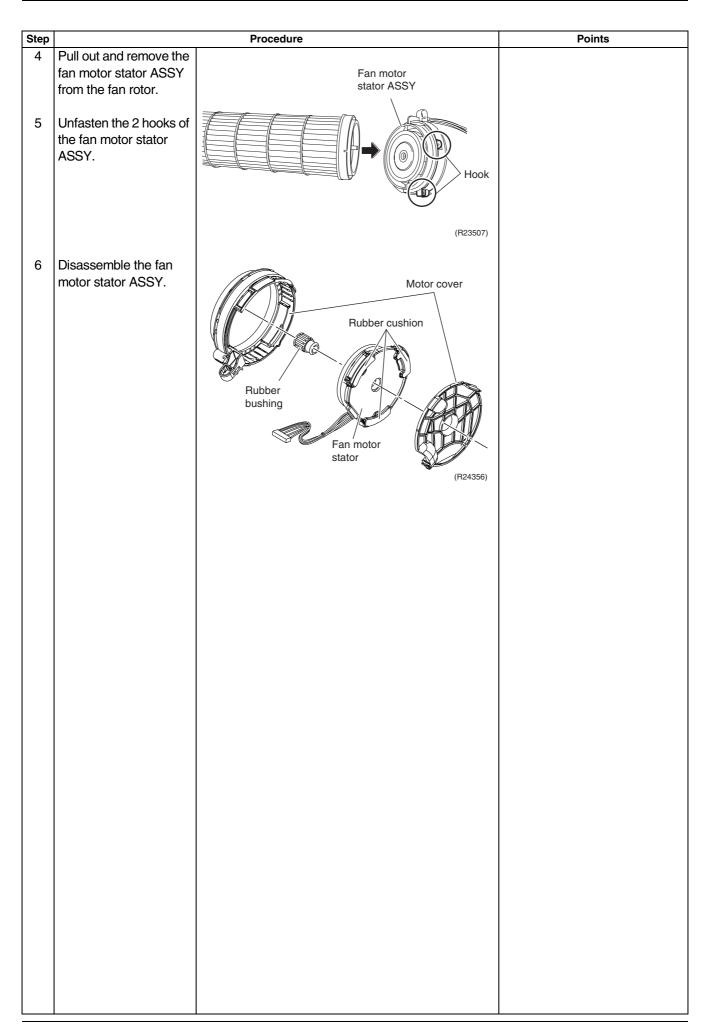
- Be sure to conduct pump down operation before disassembling the refrigerant pipe.
  If the refrigerant leaks, repair the spot of leaking, then collect all refrigerant from the unit. After conducting vacuum drying, recharge proper amount of refrigerant.
- From the viewpoint of global environmental protection,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





#### 8. Fan Rotor / Fan Motor





### **Revision History**

Month / Year	Version	Revised contents
07 / 2015	Si041551E	First edition
05 / 2016	Si041551EA	Model addition: FTKC09/12QV2S, FTKC25/35QVM, FTKC25/35QVM4, FTKC25/35QVMV
12 / 2016	Si041551EB	Model addition: CTKC15/20QVM4, CTKS25/35QVM



- 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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