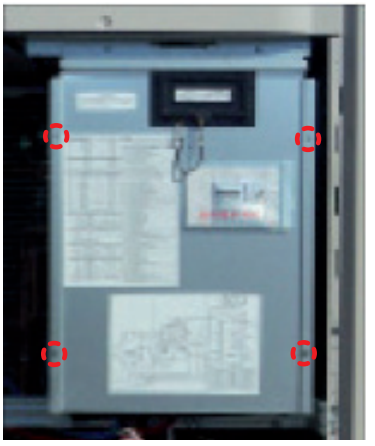
Disassembly and Reassembly

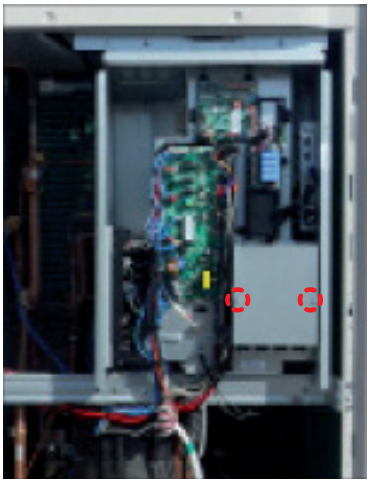
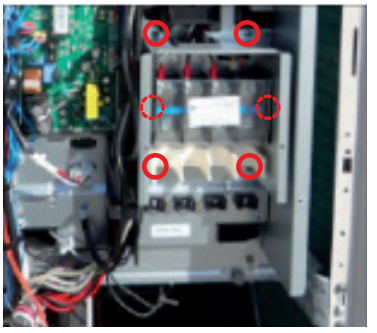
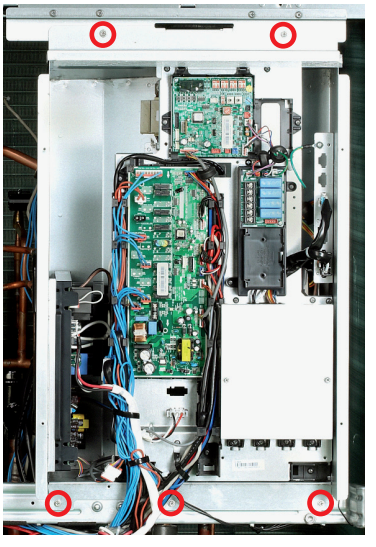
Repairs must be carreid out by trained professional.

For any repairs, please contact our service provider or independent qualified professional.

No	Parts	Procedure	Remark
1	Electrical equipment Part	1) You must cut-off the power before you work-on 2) Remove 12 screws from the cabinet (Use + screw driver) AM080JXVHGH/ET, AM100JXVHGH/ET, AM120JXVHGH/ET, AM080JXVHGR/ET, AM100JXVHGR/ET, AM120JXVHGR/ET, AM080JXVHGH/EU, AM100JXVHGH/EU, AM120JXVHGH/EU	

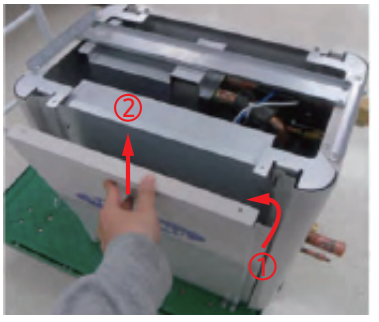
No	Parts	Procedure	Remark
		3) Remove 8 screws from the cabinet (Use + screw driver) AM140JXVHGH/ET, AM160JXVHGH/ET, AM180JXVHGH/ET, AM200JXVHGH/ET, AM220JXVHGH/ET, AM140JXVHGR/ET, AM160JXVHGR/ET, AM180JXVHGR/ET, AM200JXVHGR/ET, AM220JXVHGR/ET, AM140JXVHGH/EU, AM160JXVHGH/EU, AM180JXVHGH/EU, AM200JXVHGH/EU, AM220JXVHGH/EU	
		4) Remove 4 screws and separate cover control box (Use + screw driver)	
		5) Power, Compressor, Valve, Motor, Sensor connector connected to ASSY PCB remove.	

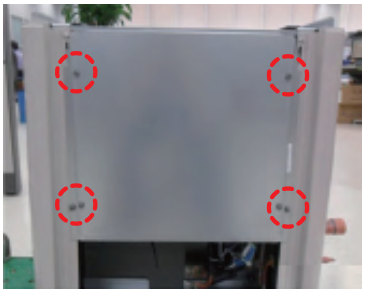
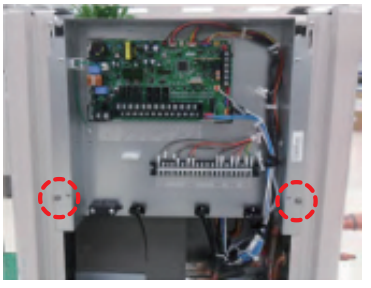
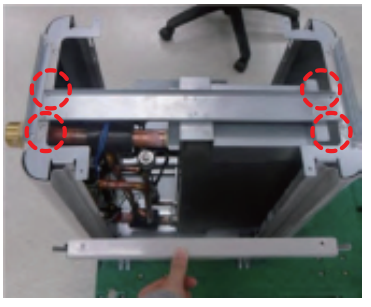
Disassembly and Reassembly

No	Parts	Procedure	Remark
		6) 2 screws had fixed in terminal block cover when change power terminal block then, communication terminal block remove	
		7) 2 screws had fixed in terminal block after remove 4 screws had fixed to Cabinet for terminal block protection remove.	
		8) 5 screws had fixed to Front part remove.	

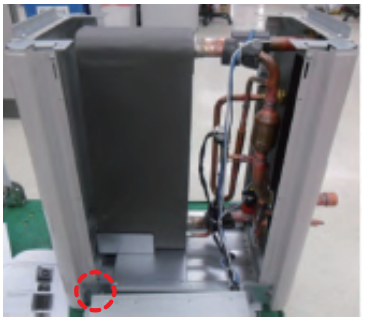
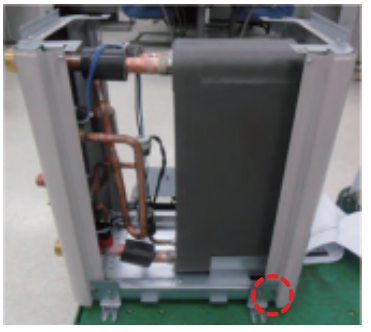
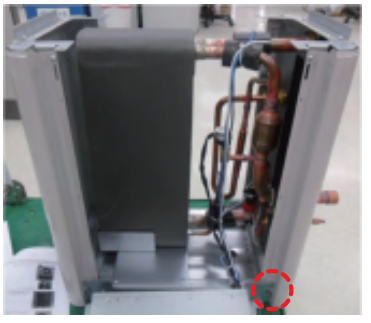
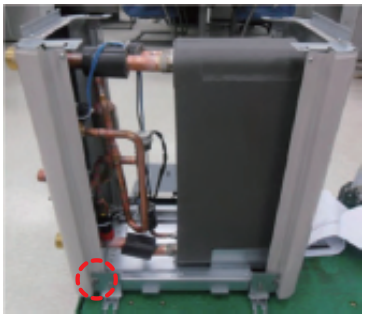
Disassembly and Reassembly

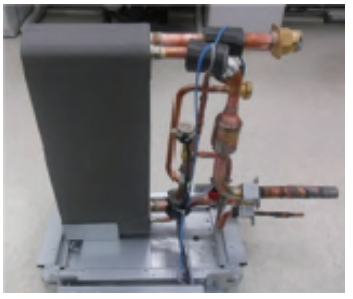
AM160FNBDEH/320FNBDEH/500FNBDEH

No	Parts	Procedure	Remark
1	CABINET TOP/ FRONT/BACK	⚠ Carried out after shut off the power before disassembly. 1) Remove the 4 screws from the left and right of the CABI TOP, and then separate it. 2) Remove the 2 screws from the ASSY CABI FRONT upper part and then separate the ASSY CABI FRONT upward after incline CABINET forward. 3) Separate the ASSY CABI BACK by method such as ASSY CABI FRONT.	    

No	Parts	Procedure	Remark
2	Control BOX	4) Remove the 4 screws and then pull the COVER CONTROL to upward, and separate it.	
		5) Remove the 2 screws from the ASSY CONTROL BOX.	
		6) Separate the C/BOX from the product.	
3	CABINET LF/RH	7) Remove the 4 screws from the BRACKET COND UP, and separate it.	

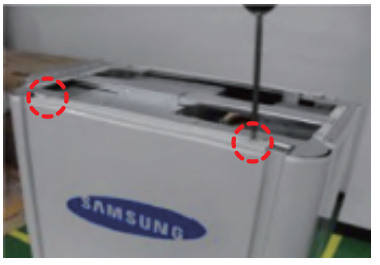
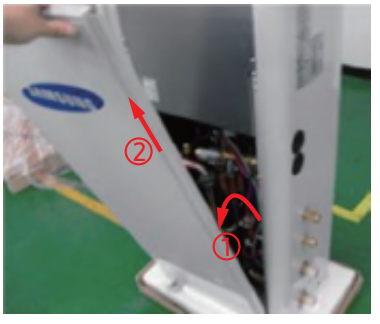
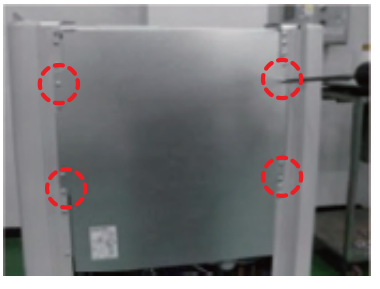
Disassembly and Reassembly

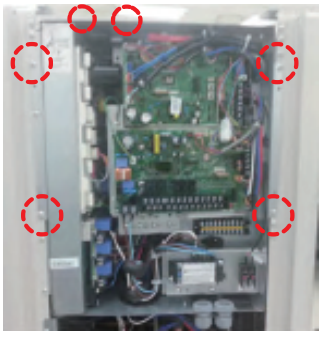
No	Parts	Procedure	Remark
3	CABINET LF/RH	8) Remove the 2 screws from the front and rear and then separate the ASSY CABI LF to side. 9) Remove the 2 screws from the ASSY CABI RH.	   

No	Parts	Procedure	Remark
4	ASSY PHE	1) Remove the 8 screws from the side of the ASSY CABI RH.	 

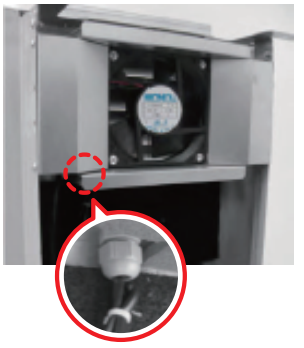
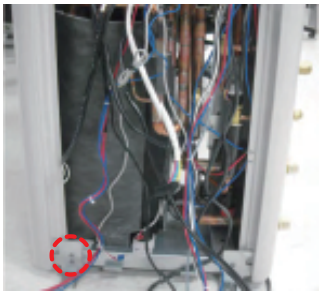
Disassembly and Reassembly

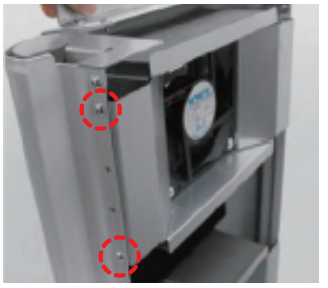
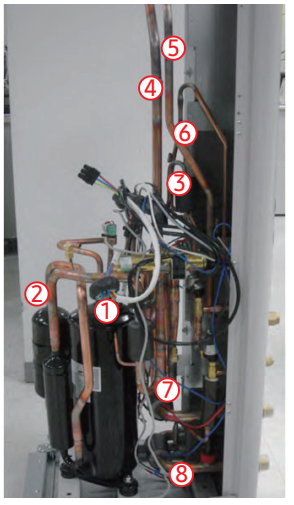
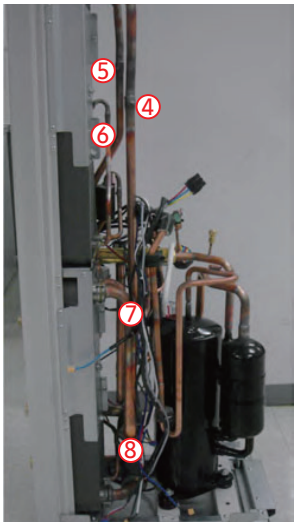
AM160/250FNBFEB, AM160/250FNBFGB

No	Parts	Procedure	Remark
1	CABINET	⚠ Stop the air conditioner operation and shut off the main power. 1) Remove the 4 screws in CABI TOP left/right side and then separate it.	 
		2) Remove the 2 screws in ASSY CABI FRONT upper part. Tilt the CABINET forward and then separate upward.	
		3) ASSY CABI BACK separate by method such as upside.	
		4) Remove the 4 screws from COVER CONTROL and then pull it forward.	

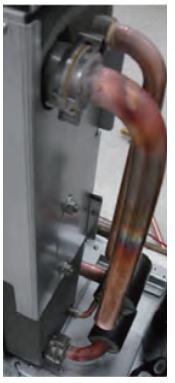
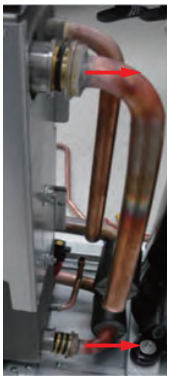
No	Parts	Procedure	Remark
1	CABINET	5) Remove the 2 screws and open the HINGE PBA PLATE.	
		6) Pull the SLIDE PBA and then separate the WIRE CONNECTOR.	
		7) Remove the 6 screws from the ASSY CONTROL BOX.	
		8) Remove the 4 screws from the BRACKET UPPER and separate it.	 

Disassembly and Reassembly

No	Parts	Procedure	Remark
1	CABINET	9) Loosen the CONDUIT from ASSY CONTROL COOLER IN lower part and then separate the TEMP SENSOR.	
		10) Loosen the CONDUIT from ASSY CONTROL COOLER IN lower part and then separate the TEMP SENSOR.	
		11) Replace of REACTOR and FAN is available after remove the ASSY CABI LF.	

No	Parts	Procedure	Remark
1	CABINET	12) When need CONDUIT control for temperature sensor : Remove the 4 screws in ASSY CONTROL COOLER side.	
2	PIPE	1) When you need to replace parts, weld zone 8 places that should separate. ■ Replace the COMP ① COMP DISCHARGE ② ACCUM IN ■ Replace the ASSY EVAP ① R134a EVAP IN ② R134a EVAP OUT ③ R410a EVAP IN ④ R410a EVAP OUT ■ Replace the ASSY COND ① R134a COND IN ② R134a COND OUT ⚠ Separate Pipe by welding machine after extract perfectly refrigerant of Compressor inside in case of separate COMPESSOR, ASSY COND and PIPE. When replace the ASSY EVAP : Outdoor unit is commissioning (PUMP DOWN the refrigerant) and then separate a pipe using welding machine.	 

Disassembly and Reassembly

No	Parts	Procedure	Remark
3	PHE & COMP	1) When separate the water piping and refrigerant nipple : Remove the M5 screws from the ASSY CABI SIDE LH.	
		2) When separate the water piping : Remove the QUICK FASTENER and then moved horizontally and separate it.	 
		3) When separate the ASSY COND and ASSY EVAP : Remove the 6 screws from the BRACKET PHE.	 
		4) When Replace the COMP : Remove the 3 nuts from the FOOT part.	