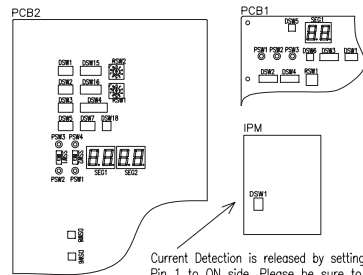
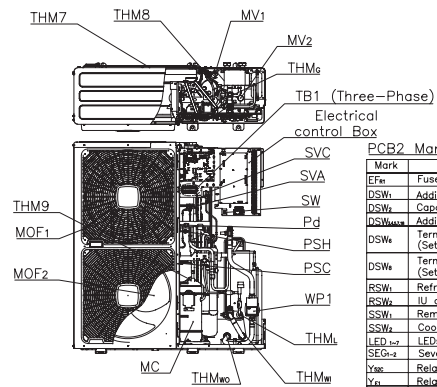
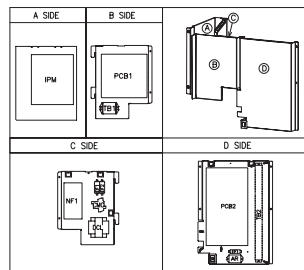


PCB1, PCB2, IPM Sockets location



Current Detection is released by setting Pin 1 to ON side. Please be sure to put it back to place after operation.

Electrical Control Box



PCB1 Mark Table

Mark	Part Name
EF _{1,2,3}	Fuse (PCB)
DSW	Test Run
DSW	Auxiliary Functions Setting
DSW	Outdoor Capacity Setting
DSW	Refrigerant System Setting
DSW	Additional setting
DSW	Individual or simultaneous operation setting
RSW	Refrigerant System Setting
PSW1	Switch for Forced Defrosting
PSW2	Switch (Checking (✓))
PSW3	Switch (Checking (△))
Y20A	Relay for Solenoid Valve
Y20C	Relay for Solenoid Valve
Y21SW1,2	Relay for 4-Way Solenoid Valve
Y24	Relay for Oil Heater
Y25C	Relay for Compressor

Mark Table

Mark	Part Name
THM _{out}	DHWT water thermistor
THM _{out}	Outlet C2 water thermistor
THM _{in,1,2}	Auxiliary thermistor
THM _{in}	Outlet water thermistor
THM _{in}	Inlet water thermistor
THM _{in}	Liquid pipe thermistor
THM _{in}	Gas pipe thermistor
THM7	Outdoor thermistor
THM8	Thermistor for Piping
THM9	Thermistor for (COMP) Top
THM	Inverter FIN thermistor
□	Terminals
+	Close-end connector
※	Field supplied
-----	Field wiring
-----	Earth wiring
-----	Factory wiring

Mark Table

Mark	Part Name
TB1	Terminal Board (for Power Supply)
TB2	Terminal Board (for Control Circuit)
MC	Motor for compressor
PCB _{1,2}	Printed Circuit Board
IPM	Inverter Module
EF _{1,2}	Power Fuse for Compressor
EF	Fuse (Heater Tank)
CMC	Contactor for Compressor
DCL	Reactor
MV _{1,2}	Electronic Expansion Valve
PSH	High pressure switch
PL	Low Pressure Switch (for Control)
Pd	Pressure Sensor (Discharge side)
MOF _{1,2}	Motor (for Fan)
SVA	Solenoid Valve
SVC	Solenoid Valve
RVR	4-Way Solenoid Valve
CH _{1,2}	Oil Heater
AR	Contactor heater tank
AR	Contactor heater tank
CN _{1,2,3,4}	Connector
CE _{1,2}	Connector
EH	Electric heater (tank)
LCD	User interface LCD (PC-ARFHE)
NF+	Noise filter
WP _{1,2}	Water pumps
3W _{out}	3 Way valve for DHW
3W _{in}	3 Way valve for SWP
3W _{mix}	3 Way valve for Mixing valve
SW	Emergency Switch (DHW) Heater
WH	Frozen Prevention Heater for Piping
E	Earth
S	Switch (※)
ELB	Earth Leakage Breaker (※)
DS1,2	Plug-in Connector