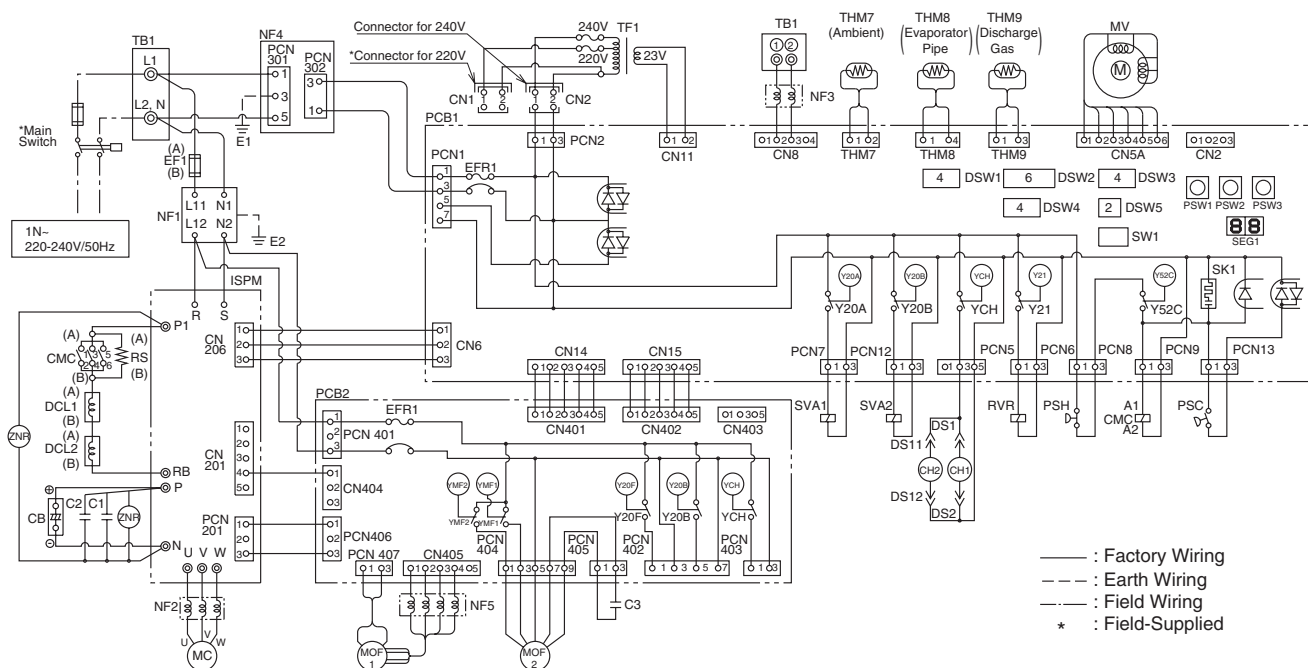
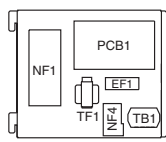
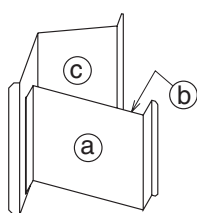


10.7 Electrical Wiring Diagram

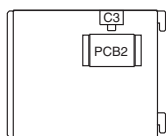
ELECTRICAL WIRING DIAGRAM (FOR MODEL: RAS-7HVRN)



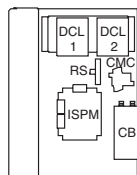
Electrical Control Box



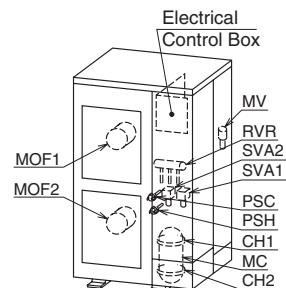
Plane (a)



Plane (b)



Plane (c)

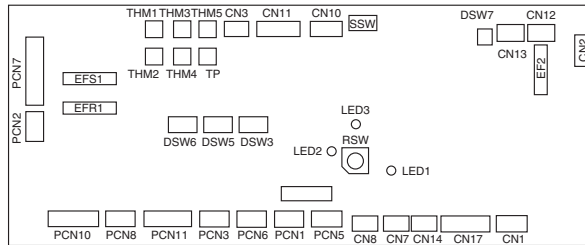
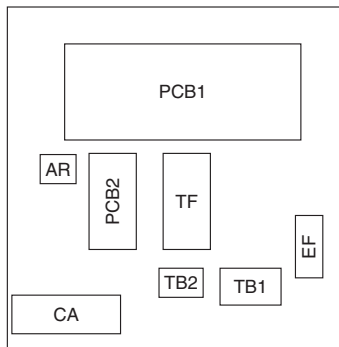
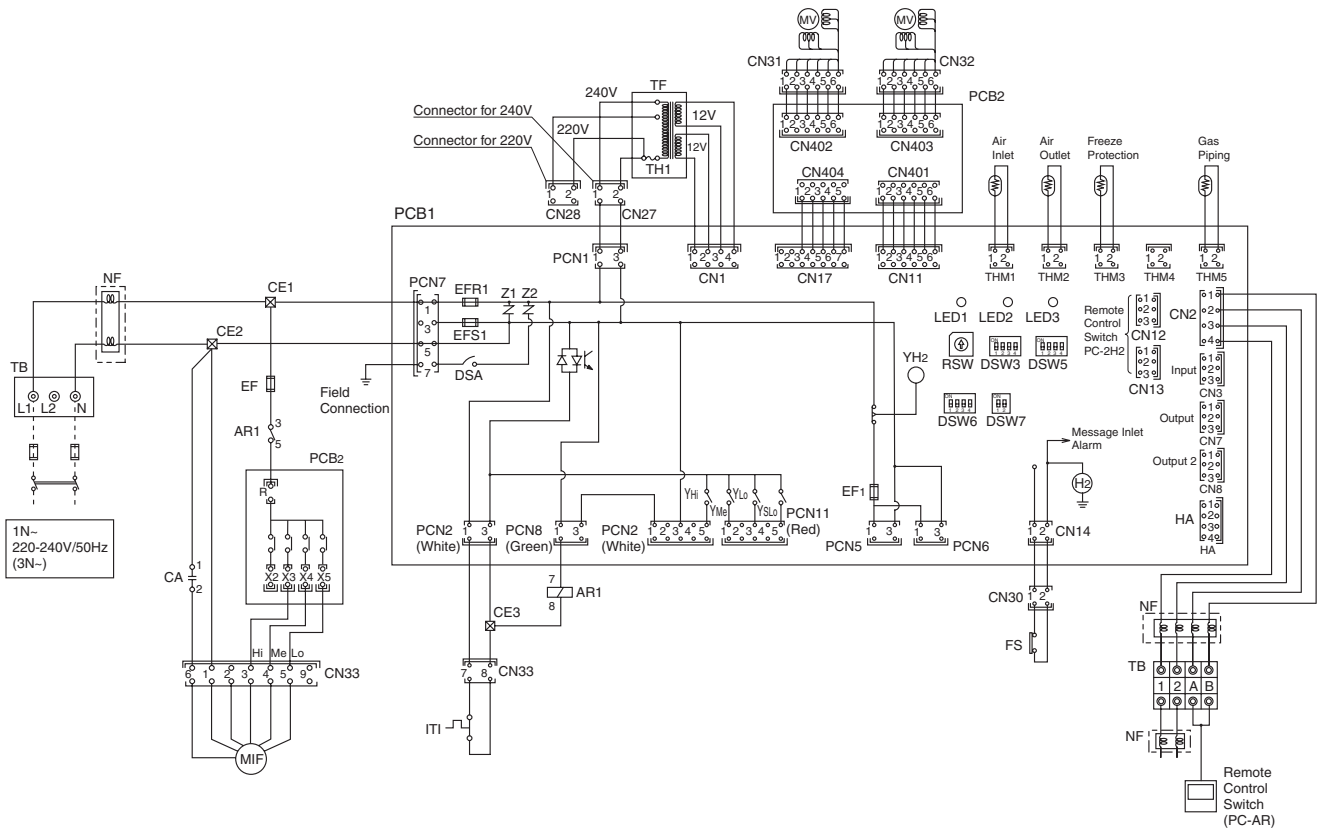


Mark	Name	Mark	Name
C1~3	Capacitor	PCB1,2	Printed Circuit Board
CB	Capacitor	PSC	Pressure Switch for Control
CH1,2	Crankcase Heater	PSH	High Pressure Switch for Protection
CMC	Contactor for Compressor Motor	PSW1~3	Push Switch on PCB1
DCL1,2	Reactor	RS	Resistor for Starting
DS1,2,11,12	I.F. Connector	RVR	Reversing Valve Relay
DSW1~5	Dip Switch on PCB1	SVA1,2	Solenoid Valve for Hot Gas Bypass
EF1	Fuse	SW1	Switch
ISPM	Inverter System Power Module	TB1	Terminal Board
MC	Motor for Compressor	TF1	Transformer
MOF1,2	Motor for Outdoor Fan	THM7~9	Thermistor
MV	Micro-Computer Control Expansion Valve	ZNR	Surge Absorber
NF1~5	Noise Filter		

NOTE:

1. All the field wiring and equipment must comply with local codes.

ELECTRICAL WIRING DIAGRAM (FOR MODEL: RPI-7.0FSN1SQ)



SW	RSW	SSW	DSW3	DSW5	DSW6	DSW7
Type	RSW	SSW	DSW3	DSW5	DSW6	DSW7
RPI-7.0FSN1SQ		OLD NEW	ON OFF	ON OFF	ON OFF	ON OFF

Mark	Name	Mark	Name
CA	Capacitor	NF	Noise Filter
CN1 to 17	Connector on PCB	PCB1 and 2	Printed Circuit Board
CN27 to 33	Connector on PCB	PCN1 to 11	Connector on PCB
DSW3 to 7	Dip Switch for Setting	TB1 and 2	Terminal Board
EFR, EFS, EF	Fuse	TF	Transformer
FS	Float Switch	THM1 to 5	Thermistor
ITI	Internal Thermostat for Indoor Fan Motor	YH2	Relay on PCB
MIF	Motor for Indoor Fan	⊙	Terminals
MV	Micro-Computer Control Expansion Valve		