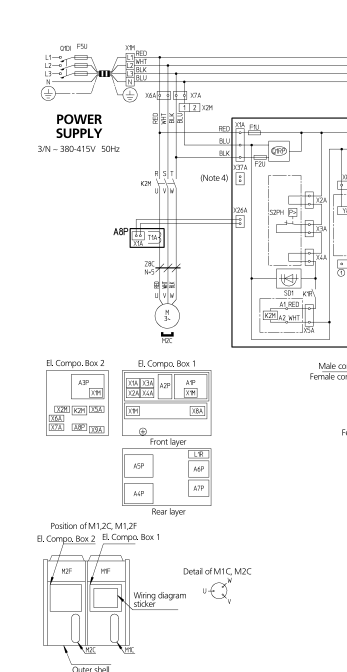


Printed circuit board		
A1P-ASP	A1P: Main A2P: Sub 1 A3P: Sub 2 A4P: Noise filter	
B51-B55	Push button switch (Mode, set, return, test, reset)	
C1, C63, C66	Capacitor	
E1HC, E2HC	Crankcase heater (A1P, A3P)	
F1U, F2U	Fuse (T, 3.15A, 250V) (A1P, A3P)	
F1U	Fuse (T, 3.15A, 250V) (A2P)	
F1U	Fuse (BA, DC650V) (A6P, A7P)	
F5U	Field fuse	
F400U	Fuse (T, 6.3/250V)	
H1P-H8P	Flot lamp (service monitor-Orange) (H3P) Prepare test-Fllickering Malfunction detection-Light up	
H4P	Flot lamp (service monitor green) (A1P, A2P, A3P)	
K1-K4	K1: Magnetic relay K3: Magnetic relay K2: Magnetic contactor (M1C) K4: Magnetic contactor (M1C)	
K1R-K8R, K11R	Magnetic relay	
	K1R: Y4S (A2P) K1R: K2M (A3P) K2R: Y5S K3R: Y1S (A1P) K3R: Y6S (A2P) K4R: Y8S K5R: Y2S (A1P)	
	K5R: For option (A2P) K5R: Y9S (A3P) K6R: Y7S K7R: E1HC (A1P) K8R: E2HC (A3P) K11R: Y3S (A1P) K11R: Y10S (A3P)	
	L1R	Reactor
	M1C, M2C	Motor (Compressor)
	M1F, M2F	Motor (Fan)
PS	Switching power supply (A1P, A3P, A5P)	
Q1C	Earth leakage breaker	
Q1RP	Reverse phase detection circuit (A1P, A3P)	
R10	Resistor (current sensor) (A6P, A7P)	
R50, R59	Resistor	
R90	Resistor (current sensor)	
R95	Resistor (current sensor) (A6P, A7P)	
R95	Resistor (current limiting)	
R1T-R15T, R31T, R32T	Thermistor	
	R1T: Air (A1P) R1T: Fin (A5P) R2T: HE gas 1 R31T: M1C Discharge R32T: M2C Discharge R4T: HE deicer 1 R5T: Subcool HE gas 1 R6T: Subcool HE Liq R7T: HE Liquid 1	
	R8T: Suction 1 R9T: Liquid R10T: Suction 2 R11T: HE gas 2 R12T: HE deicer 2 R13T: Subcool HE gas 2 R14T: Liquid 2 R15T: HE Liquid 2	
	S1NPH	Pressure sensor (high)
	S2NPL	Pressure sensor (Pressure sensor (low))
	S1PH, S2PH	Pressure switch (high)
	T1A	Current sensor
	SD1	Safety devices input (A1P, 3AP)
V1R	Diode bridge (A5P)	
V2R	Power module	
X1A-X3A	Connector	



8.10.12 HP

- Notes:
- This wiring diagram only applies to the outdoor unit
 - Field wiring
 - Terminal strip (Relay)
 - Electronic expansion valve (Main 1)
 - Electronic expansion valve (Subcool 1)
 - Electronic expansion valve (Main 2)
 - Electronic expansion valve (Charge)
 - Electronic expansion valve (Subcool 2)
- Solenoid valve
- | | |
|------------------|-------------------------|
| Y1S: RMTG | Y6S: RMTT |
| Y2S: 4 way valve | Y7S: RMT0 |
| Y3S: RMTL | Y8S: 4 way valve (pipe) |
| Y4S: hot gas | Y9S: 4 way valve (HE 2) |
| Y5S: EV Bypass 1 | Y10S: EV Bypass 2 |
- Z1-Z8C: Noise filter (Ferrite core)
Z1F: Noise filter (with surge absorber)
- Connector for optional parts
- | | |
|------|---|
| X7A | Refer to the installation manual for connection wiring to indoor-outdoor unit transmission F1-F2 and how to use B51-B55 (A2P) |
| X9A | Power supply (Adapter) (A2P) |
| X37A | Power supply (Adapter) (A3P) |