



A1P~A5P	Printed circuit board		K3R~K8R	K3R: Y1S	K5R: Y3S	SD1	Safety devices input
	A1P: Main	A4P, A8P: Fan	L1R	K4R: Y2S	K7R: E1HC	V1R, V2R	Power module (A4P)
	A2P: Noise filter	A5P: ABC I/P	M1C			V1R, V2R	Power module (A3P)
	A3P: Inverter					V2R	Diode bridge (A3P)
BS1~BS5	Push button switch (mode, set, return, test, reset)		M1F	Motor (fan)		X1A, X2A	Connector (M1F)
C1	Capacitor		PS	Switching power supply (A1P, A3P)		X1M	Terminal strip (power supply)
C63, C66	Capacitor		Q1RP	Phase reversal detect circuit		X1M	Terminal strip (control) (A1P)
DS1, DS2	DIP switch		Q1DI	Earth leakage breaker		X1M	Terminal strip (A5P)
E1HC	Crankcase heater		R10	Resistor (current sensor) (A4P)		Y1E	Electronic expansion valve (main)
F1U	Fuse (250V, 8A Ⓟ) (A4P)		R50, R59	Resistor		Y2E	Electronic expansion valve (subcool)
F1U, F2U	Fuse (250V, 3.15A Ⓟ) (A1P)		R95	Resistor			Solenoid valve
F5U	Field fuse			Thermistor		Y1S~Y3S	Y1S: Hot gas Y3S: 4 way valve
F400U	Fuse (250V, 6.3 Ⓟ) (A2P)			R1T~R7T	R4T: Heat exch. de-icer		Y2S: Oil return
H1P~H8P	Pilotlamp (service monitor - orange)		R31T~R32T	R1T: Air (A1P)	R5T: Heat exch. outlet	Z1C~5C	Noise filter (ferrite core)
	[H2P]	Prepare, test ----- Flickering		R1T: Fin (A3P)	R6T: Liquid pipe	Z1F	Noise filter (with surge absorber)
		Malfunction detection ---- Light up		R2T: Suction	R7T: accumulator		
HAP	Pilotlamp (service monitor - green)		S1NPH	Pressure sensor (high)			Cool/Heat selector
K1	Magnetic relay		S1NPL	Pressure sensor (low)	S1S		Selector switch (fan / cool - heat)
K2	Magnetic contactor (M1C)		S1PH	Pressure switch (high)	S2S		Selector switch (cool - heat)

- : Field wiring
 - : Terminal strip
 - : Connector
 - : Terminal
 - : Protective earth (screw)
- Colors: RED: Red BRN: Brown BLK: Black
 ORG: Orange GRY: Gray GRN: Green
 WHT: White BLU: Blue
 YLW: Yellow PNK: Pink

NOTES

- This wiring diagram only applies to the outdoor unit.
- When using the option adapter, refer to the installation manual.
- Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2, outdoor-multi transmission Q1 - Q3 and on how to use BS1~BS5 and DS1,DS2 switch.
- Do not operate the unit by short-circuiting protection device S1PHs.