



A1P~A5P	Printed circuit board		L1R	Reactor	X1M	Terminal strip (Power supply)		
	A1P: Main	A4P: Fan	M1C	Motor (compressor)	X1M	Terminal strip (Control) (A1P)		
	A2P: Noise filter	A5P: ABC I/P	M1F	Motor (fan)	X1M	Terminal strip (A5P)		
	A3P: Inverter		PS	Switching power supply (A1P, A3P)	Y1E	Electronic expansion valve (main)		
BS1~BS5	Push button switch (mode, set, return, test, rest)		Q1RP	Phase reversal detect circuit		Solenoid valve		
C1	Capacitor		Q1DI	Earth leakage braker	Y1S~Y4S	Y1S: Hot gas	Y3S: 4 way valve	
C63,C66	Capacitor		R10	Resistor (current sensor) (A4P)		Y2S: Oil return	Y4S: Infection	
DS1,DS2	DP Switch		R50, R59	Resistor	Z1C~Z5C	Noise filter (ferrite core)		
F1U	Fuse (250V, 8A, Ⓟ) (A1P)		R95	Resistor (current limiting)	Z1F	Noise filter (with surge absorber)		
F1U, F2U	Fuse (250V, 315A, Ⓟ) (A1P)			Thermistor				
F5U	Field fuse			R1T: Air (A1P)		Cool/heat selector		
F400U	Fuse (250V, 63A, Ⓟ) (A2P)			R4T: Heat exch. deicer				
H1P~H8P	Pilotlamp (Service monitor - Orange) [H2P] Prepare, Test ----- Flickering Malfunction detection ----- Light up			R1T: Fin (A3P)	R5T: Liquid pipe	S1S	Selector switch (fan / cool - heat)	
				R2T: Suction	R6T: Accumulator	S2S	Selector switch (cool - heat)	
				R3T: M1C discharge				
				S1NPH	Pressure sensor (high)			
HAP	Pilotlamp (Service monitor - Green)		S1NPL	Pressure sensor (low)				
K1	Magnetic relay		S1PH	Pressure switch (high)				
K2	Magnetic contactor (M1C)		SD1	Safety devices input				
K3R~K11R	K3R: Y1S	K7R: E1HC	V1R	Power module (A4P)		BRN: brown		
	K4R: Y2S	K11R: Y4S	V1R, V2R	Power module (A3P)		RED: red		
	K5R: Y3S		X1A, X2A	Connector (M1F)		BLK: black		
						ORG: orange		
						WHT: white		
						GRN: green		
						YLW: yellow		
						BLU: blue		

- NOTES**
- This wiring diagram only applies to the indoor unit
 - Terminal strip (□□□□): connector (○□): terminal (—○): Field wiring (□□□□): indication of parts outside switchbox (⊕): protective earth (screw)
 - 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 and on how to use BS1~BS5 and DS1, DS2 switch.
 - Do not operate the unit by short-circuiting protection device S1PH.