



A1P	Printed circuit board (Main)	K3R	Magnetic relay (Y1S)	R6T	Thermistor (Liquid pipe)
A2P	Printed circuit board (Noise filter)	K4R	Magnetic relay (Y2S)	R7T	Thermistor (Accumulator)
A3P	Printed circuit board (Inverter)	K5R	Magnetic relay (Y3S)	S1NPH	Pressure sensor (High)
A4P, A8P	Printed circuit board (Fan)	K7R	Magnetic relay (E1HC)	S1NPL	Pressure sensor (Low)
A5P	Printed circuit board (ABC I/P)	K8R	Magnetic relay (E2HC)	S1PH ~ S3PH	Pressure switch (High)
A6P, A7P	Printed circuit board (Current sensor)	K9R	Magnetic relay (E3HC)	T1A	Current sensor (A6P, A7P)
B51 ~ B55	Push button switch (Mode, Set, Return, Test, Reset)	L1R	Reactor	SD1	Safety devices input
C1	Capacitor	M1C ~ M3C	Motor (Compressor)	V1R	Power module (A4P, A8P)
C63, C66	Capacitor	M1F, M2F	Motor (Fan)	V1R, V2R	Power module (A3P)
DS1, DS2	Dip switch	PS	Switching power supply (A1P, A3P)	X1A ~ X4A	Connector (M1F, M2F)
E1HC ~ E3HC	Crankcase heater	Q1RP	Phase reversal detect circuit	X1M	Terminal strip (Power supply)
F1U	Fuse (250V, 8A, $\text{\textcircled{D}}$) (A4P, A8P)	Q1DI	Earth leakage breaker	X1M	Terminal strip (Control) (A1P)
F1U, F2U	Fuse (250V, 3.15A, $\text{\textcircled{T}}$) (A1P)	R10	Resistor (Current sensor) (A4P, A8P)	X1M	Terminal strip (A5P)
F5U	Field Fuse	R50, R59	Resistor	Y1E	Electronic expansion valve (Main)
F400U	Fuse (250V, 6.3A, $\text{\textcircled{T}}$) (A2P)	R95	Resistor (Current limiting)	Y2E	Electronic expansion valve (Subcool)
H1P ~ H8P	Pilot lamp (Service monitor-orange) [H2P] Prepare, test flickering Malfunction detection light up	R1T	Thermistor (Air) (A1P)	Y2E	Electronic expansion valve (Subcool)
HAP	Pilot lamp (Service monitor-green)	R1T	Thermistor (Air) (A1P)	Y1S	Solenoid valve (Hot gas)
K1	Magnetic relay	R1T	Thermistor (Fin) (A3P)	Y2S	Solenoid valve (Oil return)
K2	Magnetic contactor (M1C)	R2T	Thermistor (Suction)	Y3S	Solenoid valve (4 way valve)
K2M, K3M	Magnetic contactor (M2C, M3C)	R31T	Thermistor (M1C Discharge)	Z1C ~ Z9C	Noise filter (Ferrity core)
K1R, K2R	Magnetic relays (K2M, K3M)	R32T	Thermistor (M2C Discharge)	Z1F	Noise filter (With surge absorber)
		R33T	Thermistor (M3C Discharge)		Cool/heat selector
		R4T	Thermistor (Heat exchanger deicer)	S1S	Selector switch (Fan/cool - heat)
		R5T	Thermistor (Heat exchanger outlet)	S2S	Selector switch (Cool - heat)

- : Field wiring
- : Terminal strip
- : Connector
- : Terminal
- : Protective earth (screw)

- COLORS :
- BLK : Black
 - BLU : Blue
 - BRN : Brown
 - GRN : Green
 - GRY : Grey
 - ORG : Orange
 - PNK : Pink
 - RED : Red
 - WHT : White
 - YLW : Yellow

NOTES

- This wiring diagram applies only to the outdoor unit.
- When using the option adaptor, 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 - Q2 and on how to use B51 ~ B55 and DS1, DS2 switch.
- Do not operate the unit by short-circuiting protection device S1PH.