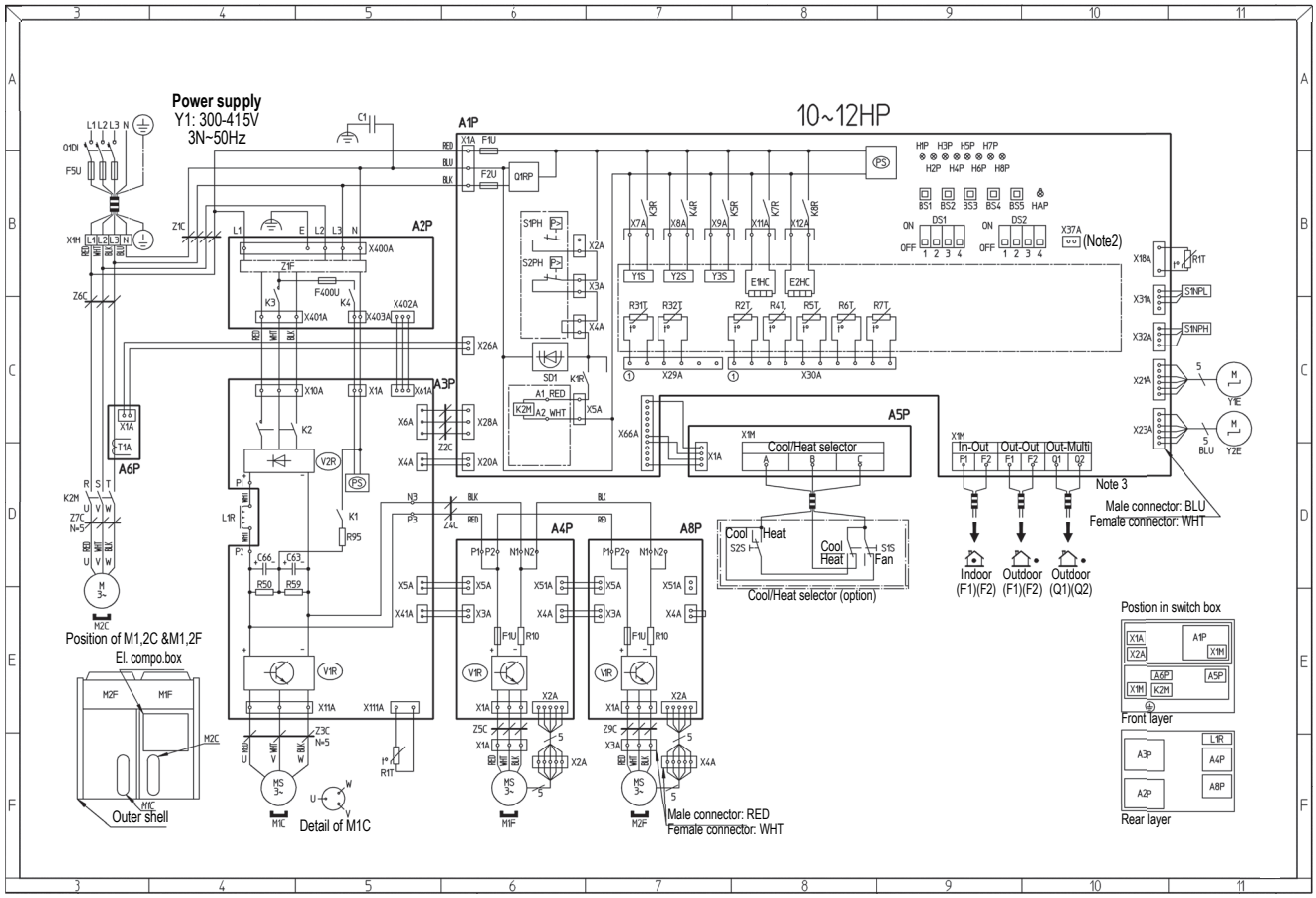
RXYQ10-12PY1K



A1P~A6P	Printed circuit board		K1R	Magnetic relais (K3M)		S1PH, S2PH	Pressure switch (high)	
	A1P: main	A4P: fan	K3R~K8R	K3R: Y1S	K7R: E1HC	T1A	Current sensor (A6P, A7P)	
	A2P: noise filter	A5P: ABC I/P		K4R: Y2S	K8R: E2HC	SD1	Safety devices input	
	A3P: inverter	A6P: current sensor		K5R: Y3S		V1R	Power module (A3P, A4P)	
BS1~BS5	Push button switch (mode, set, return, test, reset)		L1R	Reactor		V2R	Diode bridge (A3P)	
C1	Capacitor		M1C,M2C	Motor (compressor)		X1A~X4A	Connector (M1F, M2F)	
C63, C66	Capacitor		M1F,M2F	Motor (fan)		X1M	Terminal strip (Power supply)	
DS1, DS2	Dip switch		PS	Switching power supply (A1P, A3P)		SD1	Safety devices input	
E1HC,E2HC	Crankcase heater		Q1RP	Phase reversal detect circuit		X1M	Terminal strip (control) (A1P)	
F1U	Fuse (250V, 8A Ⓑ) (A4P)		Q1DI	Earth leakage breaker		X1M	Terminal strip (A5P)	
F1U, F2U	Fuse (250V, 3.15A Ⓣ) (A1P)		R10	Resistor (current sensor) A4P)		Y1E	Electronic expansion valve (main)	
F5U	Field fuse		R50, R59	Resistor		Y2E	Electronic expansion valve (subcool)	
F400U	Fuse (250V, 6.3A Ⓣ) (A2P)		R95	Resistor (current limiting)		Y1S~Y3S	Solenoid valve	
H1P~H8P	Pilotlamp (service monitor - orange) [H2P] Prepare, test ---------- Flickering Malfunction detection ------- Light up		R1T~R7T R31T~R32T	Thermistor			Y1S: Hot gas	Y3S: 4 way valve)
				R1T: Air (A1P)	R4T: Heat exch. de-icer		Y2S: Oil return	
				R1T: Fin (A3P)	R5T: Heat exch. outlet	Z1C~Z9C	Noise filter (ferrite core)	
HAP	Pilotlamp (service monitor - green)			R2T: Suction	R6T: Liquid pipe	Z1F	Noise filter (with surge absorber)	
K1; K3	Magnetic relay			R31T: M1C discharge	R7T: Accumulator			
K2, K4	Magnetic contactor (M1C)			R32T: M2C discharge			COOL/HEAT SELECTOR	
K2M	Magnetic contactor (M2C)		S1NPH	Pressure sensor (high)		S1S	Selector switch (fan/cool-heat)	
			S1NPL	Pressure sensor (low)		S2S	Selector switch (cool-heat)	

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

Colors: BLK : Black, BRN : Brown, RED : Red, BLU : Blue, GRY : Gray, GRN : Green, WHT : White, PNK : Pink, YLW : Yellow, ORG : Orange

2TW30606-1

NOTES

1 This wiring diagram only applies to the outdoor unit.
2 When using the option adaptor, refer to the installation manual.
3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 - F2. Outdoor-outdoor tranmission F1 - F2. Outdoor-multi tranmission Q1-Q2 and on how to use BS1-BS5 and DS1, DS2 switch.
4 Do not operate the unit by short-circuiting protection device S1PH