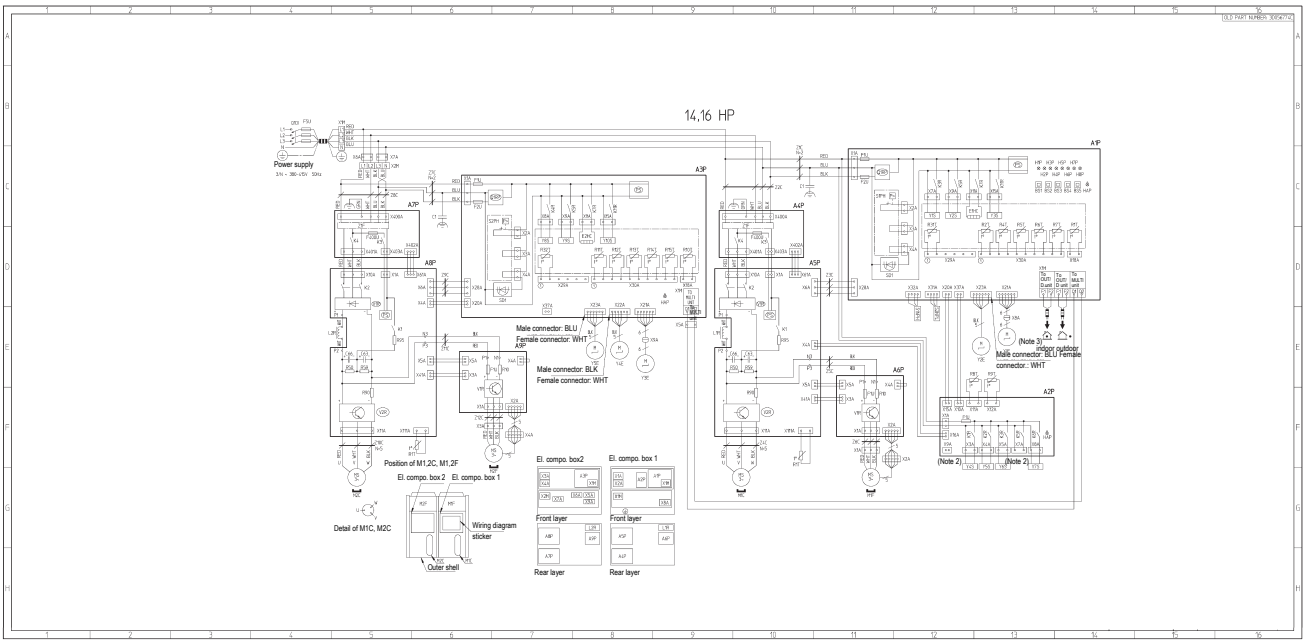
REYQ14,16P8



A1P~A8P	Printed circuit board		L1R,L2R	Reactor		V2R	Power module (A5P, A8P)	
	A1P: Main	A4P,A7P: Noise filter	M1C, M2C	Motor (compressor)		X1A~X9A	Connector	
	A2P: Sub 1	A5P, A8P: Inverter	M1F, M2F	Motor (Fan)		X1M	Terminal strip (power supply)	
	A3P: Sub 2	A6P, A9P: Fan	PS	Switching power supply (A1P, A3P, A5P, A8P)		X1M	Terminal strip (control) (A1P, A3P)	
BS1~BS5	Push button switch (Mode, set, return, test, reset)		Q1DI	Earth leakage breaker		X2M	Terminal strip (relay)	
C1, C63, C66	Capacitor		Q1RP	Reverse phase detection circuit (A1P, A3P)		Y1E	Electronic expansion valve (main 1)	
E1HC, E2HC	Crankcase heater (A1P, A3P)		R10	Resistor (current sensor) (A6P, A9P)		Y2E	Electronic expansion valve (subcool 1)	
F1U, F2U	Fuse (T, 3.15A, 250V) (A1P, A3P)		R50,59	Resistor (A5P, A8P)		Y3E	Electronic expansion valve (main 2)	
F1U	Fuse (T, 3.15A, 250V) (A2P)		R90	Resistor (current sensor) (A5P, A8P)		Y4E	Electronic expansion valve (charge)	
F1U	Fuse (8A, DC650V) (A6P,A9P)		R95	Resistor (current limiting) (A5P, A8P)		Y5E	Electronic expansion valve (subcool 2)	
F5U	Field fuse			Thermistor			Solenoid valve	
F400U	Fuse (T, 63A, 250V)			R1T: Air (A1P)	R8T: Suction 1	Y1S~Y10S	Y1S: RMTG	Y6S: RMTT
H1P~H8P	Pilotlamp (service monitor - orange) [H2P] Prepare, test ----------flickering Malfunction detection - - light up		R1T~R15T R31T, R32T	R1T: Fin (A5P), (A8P)	R9T: Liquid 1		Y2S: 4way valve (H/E 1)	Y7S: RMTO
HAP	Pilot lamp (service monitor - green) (A1P, A2P, A3P)			R2T: H/E Gas 1	R10T: Suction 2		Y3S: RMTL	Y8S: 4 way valve (pipe)
K1~K4	K1: Magnetic relay (A5P, A8P)			R31T: M1C Discharge	R11T: H/E Gas 2		Y4S: Hot gas	Y9S: 4 way valve (H/E 2)
	K3: Magnetic relay (A4P, A7P)			R32T: M2C Discharge	R12T: H/E Deicer 2		Y5S: EV Bypass 1	Y10S: EV Bypass 2
	K2: Magnetic contactor (M1C-A5P,M2C-A8P)			R4T: H/E Deicer 1	R13T: Sub cool H/E Gas 2	Z1C~Z12C	Noise filter (ferrite core)	
	K4: Magnetic contactor (M1C-A4P, M2C-A7P)			R5T: Sub cool H/E Gas 1	R14T: Liquid 2	Z1F	Noise filter (with surge absorber) (A4P, A7P)	
K1R~K8R; K11R	Magnetic relay			R6T:Sub cool H/E Liq	R15T: H/E Liquid 2		Connector for optional parts	
	K1R: Y4S	K5R: for option (A2P)		R7T:H/E Liquid 1		X7A	Operation output (A2P)	
	K2R: Y5S	K5R: Y9S (A3P)	S1NPH	Pressure sensor (high)		X9A	Power supply (adapter) (A2P)	
	K3R: Y1S (A1P)	K6R: Y7S (A2P)	S2NPL	Pressure sensor (low)		X37A	Power supply (adapter) (A3P)	
	K3R: Y6S (A2P)	K7R: E1HC (A1P)	S1PH, S2PH	Pressure switch (high)				
	K4R: Y8S	K7R: E2HC (A3P)	SD1	Safety devices input (A1P, A3P)				
	K5R: Y2S (A1P)	K11R: Y10S (A3P)	V1R	Diode bridge (A5P, A8P)	Power module (A6P, A9P			

□□□□ : Terminal strip

⊡⊡ : Connector

⏚ : Protective earth

—○— : Terminal

=▮▮▮= : Field wiring

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

1TW30356-1

NOTES

1 This wiring diagram only applies to the outdoor unit
2 When using the option adapter, refer to the installation manual.
3 Refer to the installation manual, for connection wiring to indoor-outdoor tranmission F1-F2, outdoor-outdoor tranmission F1-F2, and on how to use BS1~BS5.
4 Do not operate the unit by short cicuiting protection device S1PH, S2PH.