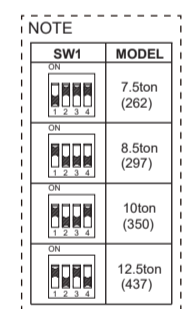


Factory code	Date	Revision
16027700002675	2022.07.25	D

The wiring diagram shown is for reference only, actual product may vary.



No.	Description
1	Model display 90 : 7.5ton 102 : 8.5ton 120 : 10ton 150 : 12.5ton
2	T1 temperature(°F)
3	T2-A temperature(°F)
4	T2-B temperature(°F)
5	T3-A temperature(°F)
6	T3-B temperature(°F)
7	T4 temperature(°F)
8	TS-A temperature(°F)
9	TS-B temperature(°F)
10	Opening degree of EEVA
11	Output degree of EEVB
12	Output frequency of VFD
13	Gear of FAN_OUT-A and FAN_OUT-B
14-23	The last 10 fault codes, No. 14 is the latest fault code
24	Software version
25	--

CODE	TITLE
COMP-A,COMP-B	Compressor
FAN_OUT-A,FAN_OUT-B	Outdoor fan motor
FAN_IN	Indoor fan motor
IND	Induced draft blower
TR1	Contactor
KM1,KM2	Transformer
RA1	Reactor
XT1	Terminal block
T1	Indoor ambient temperature sensor
T2-A,T2-B	Evaporator coil temperature sensor
T3-A,T3-B	Condenser coil temperature sensor
T4	Outdoor ambient temperature sensor
TS-A,TS-B	Discharge temperature sensor
L-PRO-A,L-PRO-B	High pressure switch
L-PRO-A,L-PRO-B	Low pressure switch
VFD	Variable frequency drive
EEVA,EEVB	Electronic expansion valve
SV1	Solenoid valve

Error code for gas board LED1 flash rate:

Slow flash	Normal call for heat
2 flashes	System lockout: failed to detect or sustain flame
3 flashes	Pressure switch problem detected
4 flashes	High limit switch protection device open
5 flashes	Flame sensed and gas valve not energized or flame sensed and no 'W' signal
6 flashes	Flame rollout switch open
7 flashes	Thermostat miswired,W1 and W2 swapped

Error code for unit

CODE	ERROR DESCRIPTION
--	Standby
10	Run
E0	Power phase loss/reverse/undervoltage/overvoltage fault
E1	Condenser coil temperature sensor fault for system A (T3-A)
E2	Condenser coil temperature sensor fault for system B (T3-B)
E3	The electronic expansion valve inserted loosely for system A (EEVA)
E4	The electronic expansion valve inserted loosely for system B (EEVB)
E5	Evaporator coil temperature sensor fault for system A (T2-A)
E6	Evaporator coil temperature sensor fault for system B (T2-B)
E7	Discharge temperature sensor fault for system A (TS-A)
E8	Discharge temperature sensor fault for system B (TS-B)
E9	Indoor ambient temperature sensor fault(T1)
EA	Outdoor ambient temperature sensor fault(T4)
EB	Thermostat output signal fault

CODE	ERROR DESCRIPTION
Ec	No model information fault
EF	External device protection
P1	High pressure switch reverse protection
P2	Low pressure switch reverse protection
P3	Indoor fan overload protection
P4	Low pressure switch protection for system A
P5	Low pressure switch protection for System B
P6	Discharge temperature protection for system A
P7	Discharge temperature protection for system B
P8	Discharge temperature sensor reverse protection
PA	VFD protection
Pb	Outdoor DC motor module protection
Pc	Evaporator freezing protection for system A
Pd	Evaporator freezing protection for system B
PE	High pressure switch protection for system A
PF	High pressure switch protection for system B
Ph	Outdoor temperature protection
PH	Low discharge superheat protection
H7	P4 or P6 or PE occur 3 times within 60 minutes
H8	P5 or P7 or PF occur 3 times within 60 minutes
H9	Pb error occur 6 times within 60 minutes

400mm

190mm