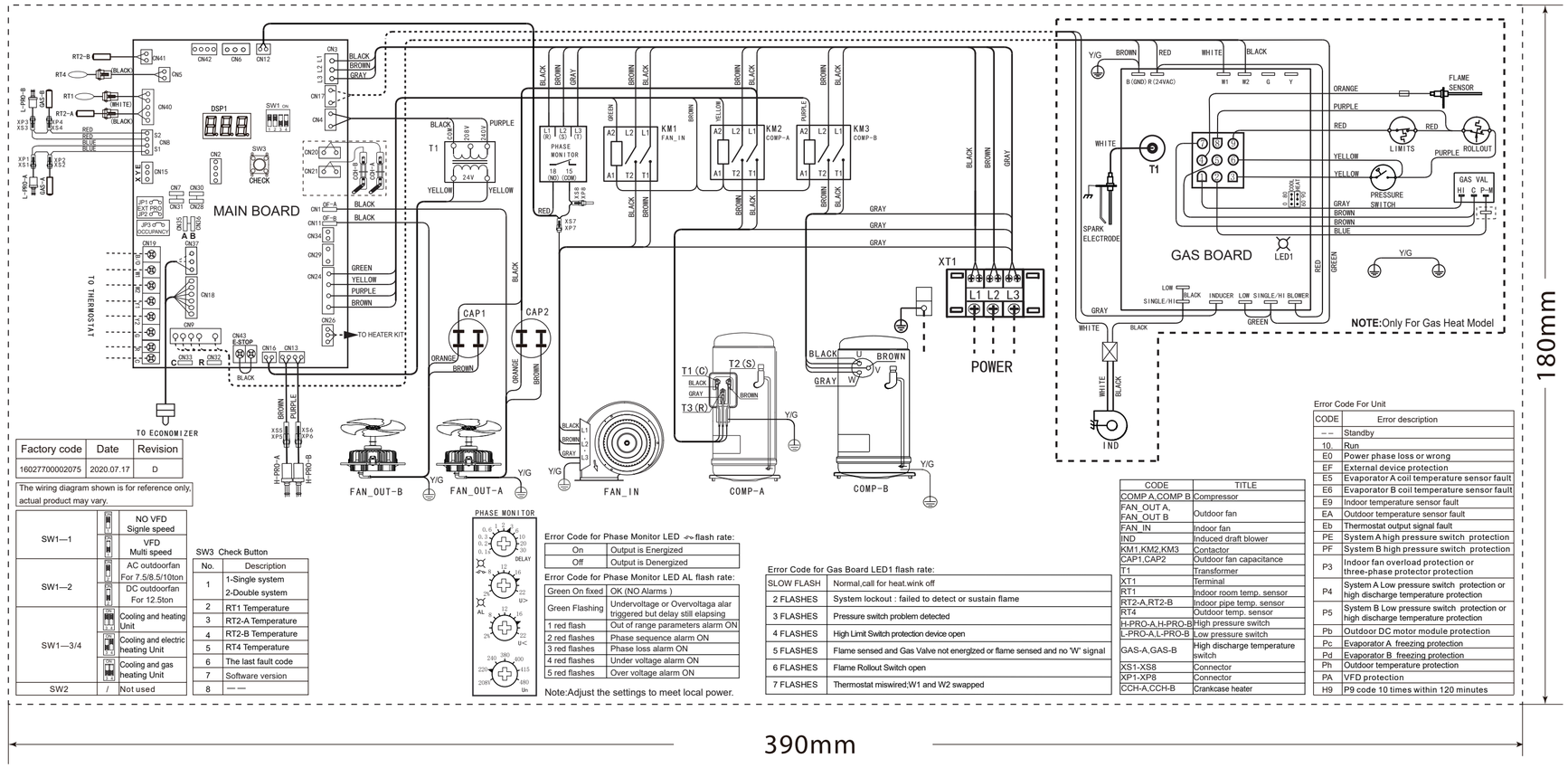


Factory code	Date	Revision
16027700002075	2020.07.17	D

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

SW1—1	ON 1 2	NO VFD Signle speed
	ON 1 2	VFD Multi speed
SW1—2	ON 1 2	AC outdoorfan For 7.5/8.5/10ton
	ON 1 2	DC outdoorfan For 12.5ton
SW1—3/4	ON 3 4	Cooling and heating Unit
	ON 3 4	Cooling and electric heating Unit
	ON 3 4	Cooling and gas heating Unit
SW2	/	Not used

SW3 Check Button

No.	Description
1	1-Single system 2-Double system
2	RT1 Temperature
3	RT2-A Temperature
4	RT2-B Temperature
5	RT4 Temperature
6	The last fault code
7	Software version
8	— —

PHASE MONITOR

Error Code for Phase Monitor LED flash rate:

On	Output is Energized
Off	Output is Denergized

Error Code for Phase Monitor LED AL flash rate:

Green On fixed	OK (NO Alarms)
Green Flashing	Undervoltage or Overvoltaga alar triggered but delay still elapsing
1 red flash	Out of range parameters alarm ON
2 red flashes	Phase sequence alarm ON
3 red flashes	Phase loss alarm ON
4 red flashes	Under voltage alarm ON
5 red flashes	Over voltage alarm ON

Note:Adjust the settings to meet local power.

Error Code for Gas Board LED1 flash rate:

SLOW FLASH	Normal,call for heat.wink off
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 energlzed or flame sensed and no 'W' signal
6 FLASHES	Flame Rollout Switch open
7 FLASHES	Thermostat miswired;W1 and W2 swapped

CODE	TITLE
COMP A,COMP B	Compressor
FAN_OUT A, FAN_OUT B	Outdoor fan
FAN_IN	Indoor fan
IND	Induced draft blower
KM1,KM2,KM3	Contactor
CAP1,CAP2	Outdoor fan capacitance
T1	Transformer
XT1	Terminal
RT1	Indoor room temp. sensor
RT2-A,RT2-B	Indoor pipe temp. sensor
RT4	Outdoor temp. sensor
H-PRO-A,H-PRO-B	High pressure switch
L-PRO-A,L-PRO-B	Low pressure switch
GAS-A,GAS-B	High discharge temperature switch
XS1-XS8	Connector
XP1-XP8	Connector
CCH-A,CCH-B	Crankcase heater

Error Code For Unit

CODE	Error description
— —	Standby
10	Run
E0	Power phase loss or wrong
EF	External device protection
E5	Evaporator A coil temperature sensor fault
E6	Evaporator B coil temperature sensor fault
E9	Indoor temperature sensor fault
EA	Outdoor temperature sensor fault
Eb	Thermostat output signal fault
PE	System A high pressure switch protection
PF	System B high pressure switch protection
P3	Indoor fan overload protection or three-phase protector protection
P4	System A Low pressure switch protection or high discharge temperature protection
P5	System B Low pressure switch protection or high discharge temperature protection
Pb	Outdoor DC motor module protection
Pc	Evaporator A freezing protection
Pd	Evaporator B freezing protection
Ph	Outdoor temperature protection
PA	VFD protection
H9	P9 code 10 times within 120 minutes