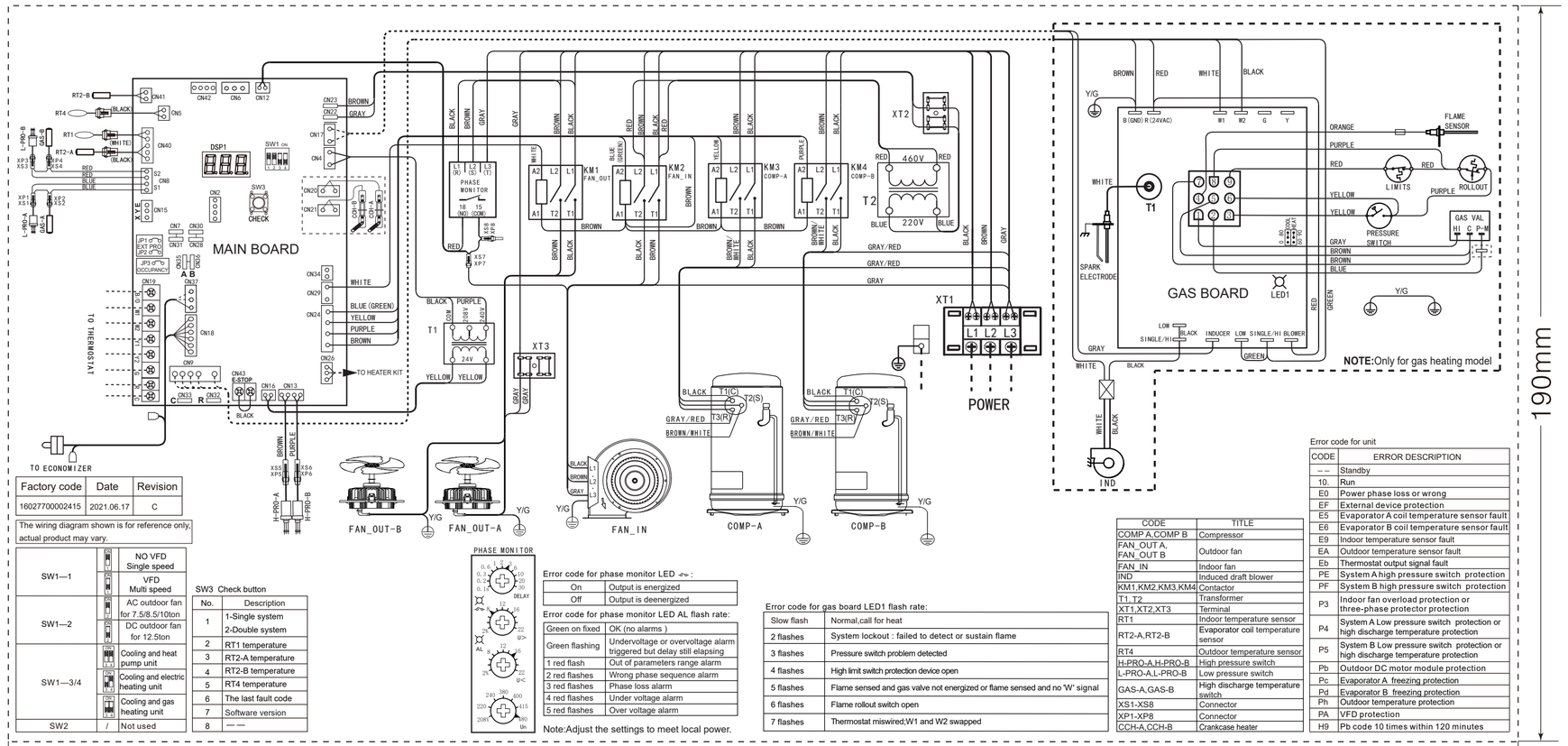


Factory code	Date	Revision
16027700002415	2021.06.17	C

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

SW1—1	ON 1 2	NO VFD Single speed
	ON 1 2	VFD Multi speed
SW1—2	ON 1 2	AC outdoor fan for 7.5/8.5/10ton
	ON 1 2	DC outdoor fan for 12.5ton
SW1—3/4	ON 3 4	Cooling and heat pump 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 :

On	Output is energized
Off	Output is deenergized

Error code for phase monitor LED AL flash rate:

Green on fixed	OK (no alarms)
Green flashing	Undervoltage or overvoltage alarm triggered but delay still elapsing
1 red flash	Out of parameters range alarm
2 red flashes	Wrong phase sequence alarm
3 red flashes	Phase loss alarm
4 red flashes	Under voltage alarm
5 red flashes	Over voltage alarm

Note:Adjust the settings to meet local power.

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

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,KM4	Contactor
T1, T2	Transformer
XT1,XT2,XT3	Terminal
RT1	Indoor temperature sensor
RT2-A,RT2-B	Evaporator coil temperature sensor
RT4	Outdoor temperature 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	Pb code 10 times within 120 minutes