

### 3 Error Code Table

Table 4-3.1: Error code table

Error code	Serial number	Content <sup>1</sup>	Displayed on	Remarks
C7	65	Transducer module temperature too high protect	User interface and refrigerant system main PCB	Contact your local dealer
E0 E8	1 9	Water flow failure	User interface and hydronic system main PCB	
E1	2	Phase sequence error	User interface and refrigerant system main PCB	Only applies to 3-phase models
E2	3	Communication error between outdoor unit and user interface	User interface and hydronic system main PCB	
E3	4	Backup electric heater exchanger water outlet temperature sensor error	User interface and hydronic system main PCB	Sensor T1
E4	5	Domestic hot water tank temperature sensor error	User interface and hydronic system main PCB	Sensor T5
E5	6	Air side heat exchanger refrigerant outlet temperature sensor error	User interface and refrigerant system main PCB	Sensor T3
E6	7	Outdoor ambient temperature sensor error	User interface and refrigerant system main PCB	Sensor T4
E9	10	Suction pipe temperature sensor error	User interface and refrigerant system main PCB	Sensor Th
EA	11	Discharge pipe temperature sensor error	User interface and refrigerant system main PCB	Sensor Tp
Ed	14	Water side heat exchanger water inlet temperature sensor error	User interface and hydronic system main PCB	Sensor Tw_in
EE	15	Hydronic system EEPROM error	User interface and hydronic system main PCB	
F1	116	DC bus voltage is too low	User interface and refrigerant system main PCB	
H0	39	Communication error between refrigerant system main control chip and hydronic system main control chip	User interface, refrigerant system main control board for refrigerant system and hydronic system main PCB	
H1	40	Communication error between refrigerant system main control chip and inverter driver chip	User interface and refrigerant system main PCB	
H2	41	Water side heat exchanger refrigerant inlet (liquid pipe) temperature sensor error	User interface and hydronic system main PCB	Sensor T2
H3	42	Water side heat exchanger refrigerant outlet (gas pipe) temperature sensor error	User interface and hydronic system main PCB	Sensor T2B
H5	44	Room temperature sensor error	User interface and hydronic system main PCB	Sensor Ta
H6 HH	45 55	DC fan error	User interface and refrigerant system main PCB	
H7	46	Abnormal main circuit voltage	User interface and refrigerant system main PCB	

Table 4-3.1: Error code table (continued)

H8	47	Pressure sensor error	User interface and refrigerant system main PCB	
H9	48	Zone 2 water outlet temperature sensor error	User interface and hydronic system main PCB	Sensor T1B
HA	49	Water side heat exchanger water outlet temperature sensor error	User interface and hydronic system main PCB	Sensor Tw_out
HF	54	Refrigerant system EEPROM error	User interface and refrigerant system main PCB	
P0	20	Low pressure protection	User interface and refrigerant system main PCB	
HP	57			
P1	21	High pressure protection	User interface and refrigerant system main PCB	
P3	23	Compressor current protection	User interface and refrigerant system main PCB	
P4	24	Discharge temperature protection	User interface and refrigerant system main PCB	
P5	25	High temperature difference between water side heat exchanger water inlet and water outlet temperatures protection	User interface and hydronic system main PCB	
P6	26	Inverter module protection	User interface	Displayed on user interface when any of L0, L1, L2, L4, L5, L7, L8 or L9 occur
H4	43			
L0	-	Inverter module protection	Refrigerant system main PCB	
L1	-	DC bus low voltage protection	Refrigerant system main PCB	
L2	-	DC bus high voltage protection	Refrigerant system main PCB	
L4	-	MCE error	Refrigerant system main PCB	
L5	-	Zero speed protection	Refrigerant system main PCB	
L7	-	Phase sequence error	Refrigerant system main PCB	
L8	-	Compressor frequency variation greater than 15Hz within one second protection	Refrigerant system main PCB	
L9	-	Actual compressor frequency differs from target frequency by more than 15Hz protection	Refrigerant system main PCB	
Pb	31	Water side heat exchanger anti-freeze protection	User interface and hydronic system main PCB	
Pd	33	High temperature protection of refrigerant outlet temperature of condenser in cooling mode	User interface and refrigerant system main PCB	
PP	38	Water side heat exchanger inlet temperature is higher than outlet temperature in heating mode	user interface and hydronic system main PCB	
bH	112	PED board error		

Notes:

1. Sensor names in this service manual referring to refrigerant flow is named according refrigerant flow during cooling operation refer to Part 2, 3 "Refrigerant Flow Diagrams".
2. When the error code appears, the error code corresponding to the error code can be obtained through the H1H2 port by using the host computer to query the wired controller register.