

2.3 Error Code List

Main PCB assembly(Indoor)

Error Code	Description	Main Reasons
01 *	Problem in Remote Room Air sensor	Remote air temperature sensor of MainPCB(indoor) is open or short.
02 **	Problem in Refrigerant (Inlet side) sensor	Refrigerant inlet pipe temperature sensor of indoor unit is open or short.
03 ****	Communication error between indoor unit and wired remote controller	Communication between wired remote controller and indoor unit is not possible.
05 **	Communication error between Main PCB(Indoor) and Main PCB(Outdoor Cycle)	There is no communication between the Main PCB(Indoor) and the Main PCB(Outdoor cycle).
06 **	Problem in Refrigerant pipe sensor (Outlet side)	Refrigerant outlet pipe temperature sensor of indoor unit is open or short.
08 ***	Problem in Water Tank sensor	Domestic hot water tank temperature sensor of indoor unit is open or short.
09 ****	PCB Program (EEPROM) Fault	The optional EEPROM is loosely inserted in or disconnected from the Main PCB(Indoor)
13 ***	Problem in Solar-thermal sensor	Solar pipe temperature sensor of indoor unit is open or short.
14 ****	Problem in Flow rate	Low flow detection during pump operation
15 ****	Overheating of water pipe	The temperature of the water pipe has exceeded a certain temperature.
16 ****	Problems in sensors	An error code 17,18,19 error has occurred at the same time.
17 *	Problem in Water-inlet sensor	Water inlet pipe temperature sensor of indoor unit is open or short.
18 *	Problem in Water-outlet sensor	Water outlet pipe temperature sensor of indoor unit is open or short.
19 *	Problem in Elec/Heater Water-outlet sensor	Electric backup heater outlet temperature sensor of indoor unit is open or short.
20 ****	Electric heater overheated	Fuse of electric heater is blown due to overheat.
231 *	Problem in Water Pressure Sensor	Water Pressure Sensor of indoor unit is damaged.
232 ****	Problem in Flow Sensor	Flow Sensor of indoor unit is damaged.

• Notice of error code

- Slight Trouble(S-Trouble) : *

A trouble is occurred with temperature sensor of indoor unit. (sensing fail)
Emergency operation(heating) is possible with heat pump and electric heater.

- Heavy Trouble(H-Trouble) : **

A trouble is occurred with cycle and system can not be operated
Emergency operation(heating) is possible with electric heater ONLY.

- Other Trouble(O-Trouble) : ***

A trouble is occurred with optional function. (e.g. DHW tank sensor, Solar thermal sensor)
Emergency operation(heating) is possible with heat pump and electric heater.
In case of CH13, Heat pump operation does not stop.

- Error : ****

A serious fail was found and system can not be used before repair it.



CAUTION

Precaution in service or check

Even after stopping the operation of product, it takes some time to discharge the remaining electricity of the electrolytic capacitor that was charged early. Before conducting a checking or repairing job, pull out the plug out of the outlet and make sure that the lamp on the control board outdoor unit is off.