

10. Troubleshooting

10.1 Indoor unit error code explanation:

For Console (excluding MFAI-07HRFN1-QRC8)

Malfunction	Timer Lamp	Operation Lamp (flashes)
Indoor EEPROM malfunction	X	1
Communication malfunction between indoor and outdoor units	X	2
Indoor fan speed has been out of control	X	4
Open or short circuit of T1 temperature sensor	X	5
Open or short circuit of T2 temperature sensor	X	6
Overcurrent protection (For some units)	O	1
Open or short circuit of T4 temperature sensor	O	2
Open or short circuit of T3 temperature sensor	O	3
Open or short circuit of T5 temperature sensor	O	4
Outdoor EEPROM malfunction (For some units)	O	5
Outdoor fan speed is out of control	O	6
Open or short circuit of T2B temperature sensor (For free-match indoor units)	O	7
IPM module malfunction	☆	1
Over voltage or over low voltage protection	☆	2
Too low ambient temperature protection	☆	4
Inverter compressor drive protection	☆	5
Mode conflict	☆	6
Low pressure protection of compressor	☆	7
O (on) X(off) ☆(flash at 2Hz)		

For MFAI-07HRFN1-QRC8:

Malfunction	Running lamp	Timer lamp	Defrosting lamp
Open or short circuit of T1 temperature sensor	☆	X	X
Open or short circuit of T2 temperature sensor	X	X	☆
Communication malfunction between indoor and outdoor units.	X	☆	X
Outdoor fan malfunction	X	☆	O
Indoor EEPROM malfunction	☆	☆	X
IPM module protection	☆	X	☆
Open or short circuit of T3 or T4 temperature sensor or Outdoor unit EEPROM parameter error	☆	☆	☆
Voltage protection	☆	☆	O
Inverter compressor drive protection	☆	◎	X
Indoor fan speed has been out of control.	☆	O	☆
Mode conflict	☆	X	O
O(light) X(off) ☆(flash at 5Hz) ◎(flash at 0.5Hz)			

For MTBI-18HWDN1-QRC8

MALFUNCTION	RUN	Timer	DEF	Alarm	DISPLAY DIGITAL TUBE

Open or short circuit of T1 temperature sensor	☆	X	X	X	E0
Open or short circuit of T2 temperature sensor	X	X	☆	X	E1
Indoor / outdoor units communication error	X	☆	X	X	E2
Full-water malfunction	X	X	X	☆	E3
Indoor EEPROM malfunction	☆	☆	X	X	E4
IPM module protection	☆	X	X	O	E5
Open or short circuit of T3 or T4 temperature sensor or Outdoor EEPROM malfunction	☆	O	X	X	E6
Outdoor fan speed has been out of control	☆	O	☆	X	E7
Indoor fan speed has been out of control	☆	O	O	X	F5
Voltage protection	☆	O	X	O	P0
Outdoor unit over-current protection	☆	☆	☆	X	P2
Inverter compressor drive protection	☆	◎	X	X	P4
Mode conflict	☆	X	O	O	P5
O (on) X(off) ☆(flash at 2Hz) ◎(flash at 0.5Hz)					

For other type

Malfunction	Error Code	Timer Lamp	Operation Lamp (flashes)
Indoor EEPROM malfunction	E0	X	1
Communication malfunction between indoor and outdoor units	E1	X	2
Indoor fan speed has been out of control	E3	X	4
Open or short circuit of T1 temperature sensor	E4	X	5
Open or short circuit of T2 temperature sensor	E5	X	6
Water level alarm	EE	X	8
Overcurrent protection (For some units)	F0	O	1
Open or short circuit of T4 temperature sensor	F1	O	2
Open or short circuit of T3 temperature sensor	F2	O	3
Open or short circuit of T5 temperature sensor	F3	O	4
Outdoor EEPROM malfunction (For some units)	F4	O	5
Outdoor fan speed is out of control	F5	O	6
Open or short circuit of T2B temperature sensor (For free-match indoor units)	F6	O	7
Communication error between auto-lifting panel and slim cassette (For slim cassette with auto-lifting panel)	F7	O	8
Auto-lifting panel is faulty (For slim cassette with auto-lifting panel)	F8	O	9
Auto-lifting panel is not closed (For slim cassette with auto-lifting panel)	F9	O	10
IPM module malfunction	P0	☆	1
Over voltage or over low voltage protection	P1	☆	2
Too low ambient temperature protection	P3	☆	4
Error rotor position protection of compressor	P4	☆	5
Mode conflict	P5	☆	6
Low pressure protection of compressor	P6	☆	7
O (on) X(off) ☆(flash at 2Hz)			

10.2 Outdoor unit error code explanation:

Display	LED STATUS
E0	Outdoor EEPROM malfunction
E2	Indoor / outdoor units communication error
E3	Communication malfunction between IPM board and outdoor main board
E4	Open or short circuit of outdoor unit temperature sensor
E5	Voltage protection
E8	Outdoor fan speed has been out of control
F1	No A Indoor unit coil outlet temperature sensor or connector of sensor is defective
F2	No B Indoor unit coil outlet temperature sensor or connector of sensor is defective
F3	No C Indoor unit coil outlet temperature sensor or connector of sensor is defective
F4	No D Indoor unit coil outlet temperature sensor or connector of sensor is defective
F5	No E Indoor unit coil outlet temperature sensor or connector of sensor is defective
P1	High pressure protection (ForM4OE-28HFN1-Q, M4OB-36HFN1-Q, M5OE-42HFN1-Q)
P2	Low pressure protection (ForM4OE-28HFN1-Q, M4OB-36HFN1-Q, M5OE-42HFN1-Q)
P3	Current protection of compressor
P4	Temperature protection of compressor discharge
P5	High temperature protection of condenser
P6	IPM module protection
LP	Low ambient temperature protection

Note: Once these error codes display, they will disappear in at least 30 seconds if the unit come back to normal.(Except E2&E3)