

12.6. Self-diagnosis error code table

- The display screen on the wired remote control unit and the self-diagnosis LEDs (green) on the outdoor unit printed circuit board in the outdoor unit can be used to indicate where the location of a problem is. Refer to the table below to remove the cause of the problem, and then re-start the air conditioner system.
- If the problem disappears and operation returns to normal, the CHECK display on the remote control unit will switch off, but the self-diagnosis LED will remain illuminated until operation is resumed. ○... illuminated.

Wired remote control unit display		Outdoor unit printed circuit board LED						Location or problem	Check location	
Abnormal display	Detail display	2	3	4	5	6	7			8
F15	-01		○	○	○	○		(※2)	Drain level Float switch problem	Drain pump and drain pipe, indoor unit connectors CN-DRMTR&CN-TH2
F16	-01						○	(※2)	Louver switch problem	Louver motor, decorative panel connection terminal, or indoor unit louver motor connectors
F17	-02	○	○				○	(※2)	D.C. Fan motor problem	Indoor unit D.C.Fan motor or connection terminals
F20	-01				○		○	(※2)	Indoor temperature sensor problem	Indoor temperature sensor lead wire or indoor unit connector or CN-TH2
	-02	○			○		○	(※2)	Remote control thermistor problem	Remote control thermistor
F21	-01		○		○		○	(※2)	Pipe temp. sensor problem (indoor unit)	Pipe temperature sensor lead wire or indoor unit connector CN-TH1
F26	-01			○		○	○	(※2)	Remote control transmission problem	Remote control unit cable and connection terminals
F27	-01		○	○		○	○	(※2)	Indoor/outdoor unit disconnection problem	Indoor/outdoor unit connection cable and connection terminals, or indoor unit and outdoor unit power supplies (indoor side)
	-05	○	○	○		○	○	(※2)	Indoor/outdoor unit connection error problem	Indoor/outdoor unit connection wire (indoor side)
	-01	○		○		○			Indoor/outdoor unit disconnection problem	Indoor/outdoor unit connection cable and connection terminals, or indoor unit and outdoor unit power supplies (outdoor side)
	-05					○			Indoor/outdoor unit connection problem	Indoor/outdoor unit connection wire (outdoor side)
F30	-01				○	○			System problem	Total capacity for the number of indoor units is insufficient, or over check the total capacity and the number of indoor units
	-02			○	○	○			Open phase, or reversed phase of supply	Check the main power supply terminal board connections, or switch over any two of the power supply wires.
F31	-01		○						Suction pressure protection	Insufficient refrigerant
	-02	○							High-pressure cut-off	Check the Refrigeration system
	-06			○	○				4 way valve information	Check the 4 way valve or lead wire
	-10		○	○		○			Refrigerant system problem	Insufficient refrigerant or valve operation (closed)
F32	-05	○	○						Compressor overcurrent protection	Open phase or lock in compressor
	-06	○	○		○				Compressor discharge temp. protection	Insufficient refrigerant
F40	-21	○		○					Heat exchanger outlet temperature sensor problem	Heat exchanger outlet temperature sensor (COND TEMP) lead wire, connector CN-TH1
	-51		○	○					Compressor discharge temperature sensor problem	Compressor discharge temperature sensor (DIS T. TEMP) lead wire, connector CN-DIS
F41	-02	○	○		○	○			High pressure switch open circuit problem	High-pressure switch lead wire, connector CN-PSW1
	-12	○		○	○	○			Low pressure sensor problem	Low pressure sensor lead wire, connector
F42	-11		○		○				Current detector open circuit	Outdoor unit P.C. B (NOISE FILTER) fault or connector ACN2

(※2)	LED8	Unit No. (when twin operation)
	●	Master unit problem
	○	Slave unit problem

- The LED1 (green) illuminates to indicate that the microprocessor on the printed circuit board is operating normally. If the LED is switched off is flashing irregularly. Check the power supply, and turn it off and then back on again.