

5-1. Contents of Remote Controller Switch Alarm Display

ON: ○ Blinking: ☀ OFF: ●

Possible cause of malfunction			Wired remote control display	Wireless remote controller receiver display		
				Operation	Timer	Preparing
Serial communication errors Missetting	Remote controller is detecting error signal from indoor unit.	Error in receiving serial communication signal (Signal from main indoor unit in case of group control) Ex: Auto address is not completed.	E01	☀	●	●
		Error in transmitting serial communication signal	E02			
	Indoor unit is detecting error signal from remote controller (and system controller).		E03			
	Indoor unit is detecting error signal from outdoor unit.	Error in receiving serial communication signal When turning on the power supply, the number of connected indoor units does not correspond to the number set. (Except R.C. address is "0.")	E04	●	●	☀
		Outdoor unit failed to receive serial communication signals from indoor unit	E06			
	Improper setting of indoor unit or remote controller .	Indoor unit address setting is duplicated.	E08	☀	●	●
		Remote controller address connector (RCU. ADR) is duplicated. (Duplication of main remote controller)	E09			
	During auto address setting, number of connected units does not correspond to number set.	Automatic address setting start is prohibited while auto-address setting in progress.	E12	☀	●	●
		Main unit duplication in simultaneous-operation multi control (detected outdoor unit)	E14			
	Indoor unit communication error of group control wiring	Error of main indoor unit in receiving serial communication signal from sub indoor units	E18			
	When turning on the power supply, number of connected units does not correspond to number set. (Except R.C. address is "0.")	Automatic Address Alarm (The total capacity of indoor units is too low.)	E15	☀	●	●
		Automatic Address Alarm (The total capacity of indoor units is too high or the total number of indoor units is too many.)	E16	●	●	☀
		Connection problem of indoor/outdoor units.	E20			
		Main outdoor unit is detecting error signal from sub outdoor unit.	E24			
		Error of sub outdoor unit in receiving serial communication signal from main outdoor unit	E29			
	Improper setting	This alarm message shows when the indoor unit for multiple-use is not connected to the outdoor unit.	L02	☀	●	☀
		Duplication of main indoor unit address setting in group control	L03			
		Group control wiring is connected to individual control indoor unit.	L07			
Indoor unit address is not set.		L08	☀	●	☀	
Capacity code of indoor unit is not set.		L09				
4-way valve operation failure		L18	☀	○	☀	
Outdoor unit address duplication		L04				
Outdoor unit capacity not set or invalid		L10				
Indoor unit type setting error	L13					
Activation of protective device	Protective device in indoor unit is activated.	Thermal protector in indoor unit fan motor is activated.	P01	●	☀	☀
		Improper wiring connections of ceiling panel	P09			
		Float switch is activated.	P10			
		Operation of protective function of fan inverter	P12			
		O2 sensor detect	P14			

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ON: ○ Blinking: ☀ OFF: ●

Possible cause of malfunction			Wired remote control display	Wireless remote controller receiver display			
				Operation	Timer	Preparing	
Activation of protective device	Protective device in outdoor unit is activated.	Compressor discharge temperature trouble	P03	☀ ● ☀	● ☀ ●	● ☀ ●	
		High pressure trouble	P04				
		AC power supply trouble	P05				
		Insufficient gas level detected	P15				
		Compressor overcurrent trouble	P16				
		Outdoor unit fan motor trouble	P22				
		Lack of INV compressor wiring, INV compressor actuation failure (including locked), DCCT failure	P29				
		Group control error	P31				
		Alarm valve open	P13				● ☀ ●
HIC trouble	H31	● ☀ ●	● ☀ ●	● ☀ ●			
Thermistor fault	Indoor thermistor is either open or damaged.	Indoor coil temp. sensor (E1)	F01	☀ ☀ ●	☀ ☀ ●	● ☀ ●	
		Indoor coil temp. sensor (E3)	F03				
		Indoor suction air (room) temp. sensor (TA)	F10				
		Indoor discharge air temp. sensor (BL)	F11				
	Outdoor thermistor is either open or damaged.	Compressor discharge temperature sensor (TD)	F04	☀ ☀ ○	☀ ☀ ○	○	
		Inlet temperature sensor (C1) in heat exchanger	F06				
		Intermediate temperature sensor (C2) in heat exchanger	F07				
		Outdoor air temperature sensor (TO)	F08				
		Compressor inlet suction temperature sensor (TS)	F12				
EEPROM on indoor unit PCB failure			F29	☀ ☀ ●	☀ ☀ ●	●	
Protective device for compressor is activated	Protective device for compressor is activated.	Outdoor unit nonvolatile memory (EEPROM) trouble	F31	☀ ☀ ○	☀ ☀ ○	○	
		Primary (input) overcurrent detected	H01				
		PAM trouble	H02				
		Primary current CT sensor (current sensor) failure	H03				● ☀ ●
		Sensor failure, Compressor discharge temperature sensor (TD) disconnected	H05				● ☀ ●