



Wired remote control display	Wireless Remote Controller display			 <h2 style="text-align: center;">Sanyo Fault Codes</h2> <h3 style="text-align: center;">Possible cause of malfunction</h3> 
	Operation	Timer	Standby for heating	
E01	*	●	●	serial comms error, mis-setting, RC is detecting error signal from IU, outdoor system address, indoor system address, or IU individual/main/sub setting it not set, auto address is not complete
E02	*	●	●	serial comms error, mis-setting, RC is detecting error signal from IU, error in transmitting serial comm signal
E03	*	●	●	IU is detecting error signal from remote controller (and system controller)
E04	●	●	*	IU is detecting error signalled from OU, error in receiving serial comms signal
E05	●	●	*	IU is detecting error signalled from OU, error in transmitting serial comms signal
E06	●	●	*	OU is detecting error signalled from IU, error in receiving serial comms signal (inc unit qty verification failure)
E07	●	●	*	OU is detecting error signalled from IU, error in transmitting serial comms signal
E08	*	●	●	improper setting of IU or RC, IU address is duplicated
E09	*	●	●	improper setting of IU or RC, remote controller setting is duplicated
E10	*	●	●	IU is detecting error signalled from signal option, error in transmitting serial comms signal
E11	*	●	●	IU is detecting error signalled from signal option, error in receiving comms signal
E12	*	●	●	IU is detecting error signalled from signal option, because auto address setting is in process in a different system, auto address is setting start is prohibited
E14	●	●	*	setting error, main unit duplication in simultaneous-operation multi control (detected by outdoor unit)
E15	●	●	*	automatic address setting failed, IU capacity too low
E16	●	●	*	automatic address setting failed, IU capacity too high
E17	*	●	●	an IU detected trouble in the signal from another IU, error in transmitting serial comms signal
E18	*	●	●	an IU detected trouble in the signal from another IU, error in receiving serial comms signal
E20	●	●	*	automatic address setting failed, no signal received from another IU
E24	●	●	*	Auto address error, Main OU is detecting error signal from sub OU
E25	●	●	*	Auto address error, of OU address setting
E26	●	●	*	Auto address error, the number of connected main and sub OU do not correspond to the number set at the main OU PCB
E29	●	●	*	auto address error, sub OU in receiving serial comm signal from main OU
F01	*	*	●	thermistor fault, indoor coil temp. sensor (E1)
F02	*	*	●	thermistor fault, indoor coil temp. sensor (E2)
F03	*	*	●	thermistor fault, indoor coil temp. sensor (E3)
F04	*	*	○	Outdoor thermistor open circuit, discharge TD1
F05	*	*	○	Outdoor thermistor open circuit, discharge TD2
F06	*	*	○	Outdoor thermistor open circuit, heat exchanger temperature C1
F07	*	*	○	Outdoor thermistor open circuit, heat exchanger temperature C2
F08	*	*	○	thermistor fault, outdoor air temp. sensor (air temp)
F10	*	*	●	thermistor fault, indoor suction air (room) temp sensor (TA)
F11	*	*	●	thermistor fault, indoor discharge air temp. sensor (BL)
F12	*	*	○	Outdoor thermistor open circuit, intake temperature TS
F16	*	*	○	thermistor fault, outdoor high pressure sensor
F17	*	*	○	thermistor fault, outdoor unit low pressure sensor
F22	*	*	○	thermistor fault, outdoor unit compressor 3 (constant speed) discharge temp sensor
F23	*	*	○	thermistor fault, outdoor No. 2 coil gas temp (EXG2)
F24	*	*	○	thermistor fault, outdoor No. 2 coil liquid temp. sensor (EXL2)
F25	*	*	○	thermistor fault, outdoor unit heat exchanger 3 gas temp. sensor
F26	*	*	○	thermistor fault, outdoor unit heat exchanger 3 liquid temp. sensor
F29	*	*	●	indoor EEPROM error
F31	*	*	○	outdoor EEPROM error
H01	●	*	●	AC1 compressor protection, overload current was detected

H02	●	*	●	AC1 compressor protection, lock current was detected
H03	●	*	●	AC1 compressor protection, no current was detected when the compressor was ON (CT1 circuit failure)
H05	●	*	●	the compressor discharge sensor has become disconnected (detected only for the AC1 compressor)
H06	●	*	●	low pressure switch activated on AC1, AC2 compressor
H07	●	*	●	protective device for compressor is activated, low oil level
H08	●	*	●	protective device for compressor is activated, compressor no. 1 oil sensor fault (disconnection, etc)
H11	●	*	●	AC2 compressor protection, overload current was detected
H12	●	*	●	AC2 compressor protection, lock current was detected
H13	●	*	●	AC2 compressor protection, no current was detected when the compressor was ON (CT2 circuit failure)
H15	●	*	●	the AC2 compressor discharge sensor has become disconnected
H21	●	*	●	outdoor protective device, overload current detected on compressor 3 (constant speed)
H22	●	*	●	outdoor protective device, lock current detected on compressor 3 (constant speed)
H23	●	*	●	outdoor protective device, no current detected when compressor 3 (constant speed) was on
H25	●	*	●	outdoor protective device, discharge temp. sensor trouble, Compressor 3 (constant speed)
H27	●	*	●	protective device for compressor is activated, compressor no. 2 oil sensor fault (disconnection, etc)
H28	●	*	●	connection failure of oil detection sensor, compressor no 3 (constant speed)
H31	●	*	●	outdoor unit protection IPM trip (IPM current or temperature) HIC Alarm trouble
L02	*	●	*	mis-setting error, IU/OU type mismatch
L03	*	●	*	mis-setting error, main unit duplication in group control (detected by IU)
L04	*	○	*	mis-setting error, OU address duplication (system address)
L05	*	○	*	improper setting, there are 2 or more IU RC which have operation mode priority in refrigeration circuit, priority set remote control
L06	*	○	*	improper setting, there are 2 or more IU RC which have operation mode priority in refrigeration circuit, non-priority set remote control
L07	*	●	*	mis-setting error, group wiring connected for independent IU
L08	*	●	*	mis-setting error, IU address not set or group not set
L09	*	●	*	mis-setting error, IU capacity not set
L10	*	○	*	mis-setting error, OU capacity not set or setting error
L11	*	○	*	mis-setting error, miswiring in group control wiring
L13	*	○	*	mis-setting error, IU type setting error
L17	*	○	*	mis-match connection of outdoor units which have a different kind of refrigerant
L18				4-way valve operation failure
P01	●	*	*	indoor fan protective thermostat
P02	*	●	*	the AC compressor or AC1, AC2 compressor internal protection thermostat was activated: or low voltage was detected
P03	*	●	*	discharge temperature trouble on outdoor
P04	*	●	*	High pressure sensor operation on AC, AC1 or AC2 compressor
P05	*	●	*	open phase detected, AC power trouble
P09	●	*	*	ceiling panel connection failure
P10	●	*	*	indoor float switch
P12	●	*	*	indoor fan overload (check for packaging on new cass install)
P16	*	●	*	compressor running failure resulting from missing phase in the compressor wiring etc (start failure not caused by IPM or no GAS) negative (defective) N phase
P17				incorrect discharge temperature (comp no 2)
P22	*	●	*	outdoor unit fan (missing phase in the HALL IC or other problem) causing the fan to lock
P26	*	●	*	overcurrent at time of compressor runs more than 80hz (DCCT secondary current or ACCT primary current at a time other than when IPM has tripped)
P29	*	●	*	inverter for compressor is unusual (DC compressor does not operate)
P31	*	●	*	a flexible control error occurred