Find Indoor Error Code: To display error codes on your indoor unit, be sure to power unit on for 5 minutes. Press "SLEEP" button on remote controller 10 times in a 10 second time period. Wait to hear a "beep" between each press of the button. The error code will appear on the face of the unit. If two malfunctions appear, press the sleep button an additional 10 times.

⚠ WARNING **Use extreme caution when opening outdoor enclosure to check codes as there may exposure to moving parts, electrical components and sharp objects.**

Find Outdoor Error Code: Your unit will need to be running for a least 5 minutes before viewing error codes. You will need to remove the cover of the control board inside the outdoor unit to view the 3 LED light combination. See key for LED light symbol meanings.

LED ERROR CODE KEY: Solid On = ★   Flashing = O   Off = X

Failure Description	Indoor Error Code	Outdoor Error Code			Possible Root Cause
		LED1	LED2	LED3	
Normal	0	X	X	X	
Outdoor coil temp sensor issue	1	★	X	★	Sensor loose / bad connection
					Sensor is defective
					Indoor control board failure
Compressor exhaust temp sensor failure	2	★	X	X	Sensor loose / bad connection
					Sensor is defective
					Indoor control board failure
IPM module protection	5	X	O	X	IPM board failure
					Outdoor fan blade broken
					Outdoor fan motor failure
					Outdoor fan blade is obstructed
					Condensor is dirty
					Incorrect installation of outdoor unit
AC voltage higher or lower protection	6	★	★	O	Supply voltage higher or lower than normal
					Inner supply voltage of unit is higher or lower than normal
Communication failure between indoor unit and outdoor unit	7, 36	X	X	O	Communication cable connections are loose
					Communication cable is defective
					Connections between indoor and outdoor unit incorrect
					Indoor control board failure
					PFC board failure
					Outdoor control board failure
Current overload protection	8	★	O	X	Fan motor failing
					Condensor and evaporator are dirty
					Air inlet and/or outlet is obstructed
Maximum current protection	9	★	O	★	Short circuit in outdoor control board
					Short circuit in drive board
					Short circuit in other components
Communication issues between outdoor unit and driver	10	X	★	★	Connection wires are loose
					Outdoor board or drive board failure
Outdoor EEPROM issue	11	★	★	★	EEPROM chip is loose
					EEPROM chip installed incorrectly
					EEPROM chip failure
Outdoor ambient temp too low protection	12	★	O	O	Outdoor ambient temp too low
Compressor exhaust temp too high protection	13	X	O	★	Compressor exhaust temp sensor failure
					Refrigerant low

Error Code Key Continued

Issue	Code				Possible Cause
Outdoor ambient temp sensor issue	14	★	★	X	Outdoor ambient temp sensor connection loose
					Outdoor ambient temp sensor failure
					Outdoor control board failure
Compressor shell temp too high protection	15	X	★	O	Compressor exhaust temp sensor connection loose
					Refrigerant low
Anti-freeze protection with cooling or overload protection with heating in indoor unit	16	X	O	O	Indoor coil temp sensor connection loose
					Indoor coil temp sensor failure
					Indoor control board failure
					Refrigerant system failing
PFC protection	17	O	X	X	PFC failure
					Outdoor drive board failure
DC compressor start failure	18	O	O	X	Outdoor drive board failure
					Compressor failure
Compressor drive issue	19	O	X	O	Outdoor drive board failure
					Compressor failure
					Outdoor control board failure
Outdoor fan motor locked rotor protection	20	O	O	★	Outdoor fan motor connections loose
					Outdoor fan blade is obstructed
					Outdoor fan motor failure
					Outdoor control board failure
Outdoor coil anti-overload protection with cooling	21	X	★	X	Too much refrigerant
					Outdoor fan motor failure
					Outdoor fan blade broken
					Condensor is dirty
					Air inlet and/or outlet is obstructed
Compressor pre-heating process	22	O	★	O	Normal condition in cold weather
Outdoor board chip issue	24	★	X	O	Incorrect drive board
					Incorrect compressor
Outdoor ambient temp too low protection	-	★	O	O	Outdoor ambient temp too low
Overheated outdoor radiator protection	26	O	X	X	Radiator sensor failure
					Detection circuit of sensor on control panel failure
System protection from too high pressure	27	O	O	X	Pressure switch failure
					Pressure detection switch on control panel failure
					Measured value of system pressure exceeds limit
Indoor room temp sensor issue	33		-		Indoor room temp sensor loose
					Indoor rooom temp sensor failure
					Indoor control board failure
Indoor coil temp sensor issue	34		-		Indoor coil temp sensor loose
					Indoor coil temp sensor failure
					Indoor control board failure
Indoor EEPROM issue	38		-		EEPROM chip loose
					Indoor control board failure
Detecting failures by zero-crossing	41		-		Indoor control board failure
E8	88		-		Unit wired incorrectly