2. General Troubleshooting

2.1 Error Display (Indoor Unit)

When the indoor unit encounters a recognized error on different models ,

1. the running LED with flash in a corresponding series, the timer LED may turn on or begin flashing;
2. an error code will be displayed;
3. both 1 and 2.

These error codes are described in the following tables:

Running Lamp	Timer Lamp	Display	Information	Solution
--	--	dF	Defrost	Normal Display, not error code
--	--	SC	Self clean(for some units)	
--	--	CL	Filter cleaning reminder(power on display for 15 seconds)	
--	--	CL	Active clean(for some units)	
--	--	nF	Filter replacement reminder(power on display for 15 seconds)	
--	--	FP	Heating in room temperature under 8°C/12°C	
--	--	FC	Forced cooling	
--	--	AP	AP mode of WIFI connection	
--	--	CP	Remote switched off	
1 time	OFF	EH00/EH0A	Indoor unit EEPROM parameter error	TS01-IDU
2 times	OFF	EL01	Indoor/outdoor unit communication error	TS02-S-INV
3 times	OFF	EH02	Zero-crossing signal detection error	TS03
4 times	OFF	EH03	The indoor fan speed is operating outside of the normal range	TS04-S-IDU
5 times	OFF	EC51	Outdoor unit EEPROM parameter error	TS01-ODU
5 times	OFF	EC52	Condenser coil temperature sensor T3 is in open circuit or has short circuited	TS05-ODU
5 times	OFF	EC53	Outdoor room temperature sensor T4 is in open circuit or has short circuited	TS05-ODU
5 times	OFF	EC54	Compressor discharge temperature sensor TP is in open circuit or has short circuited	TS05-ODU
5 times	OFF	EC56	Evaporator coil outlet temperature sensor T2B is in open circuit or has short circuited(for free-match indoor units)	TS05-ODU
6 times	OFF	EH60	Indoor room temperature sensor T1 is in open circuit or has short circuited	TS05-IDU
6 times	OFF	EH61	Evaporator coil middle temperature sensor T2 is in open circuit or has short circuited	TS05-IDU
12 times	OFF	EC07	The outdoor fan speed is operating outside of the normal range	TS04-ODU
9 times	OFF	EH0b	Indoor PCB/Display board communication error	TS07
8 times	OFF	EL0C	Refrigerant leakage detection	TS06-INV
7 times	FLASH	PC00	IPM malfunction or IGBT over-strong current protection	TS09-S
2 times	FLASH	PC01	Over voltage or over low voltage protection	TS10-S

3 times	FLASH	PC02	Top temperature protection of compressor or High temperature protection of IPM module or High pressure protection	TS11-S-INV
5 times	FLASH	PC04	Inverter compressor drive error	TS12-S
1 time	FLASH	PC08	Current overload protection	TS08-S
6 times	FLASH	PC40	Communication error between outdoor main chip and compressor driven chip	TS33
7 times	FLASH	PC03	High pressure protection or low pressure protection	TS26-INV
1 times	ON	--	Indoor units mode conflict(match with multi outdoor unit)	TS14
-	-	FHOP	AP mode is active but there is no WIFI kit installed	TS34

For other errors:

The display board may show a garbled code or a code undefined by the service manual. Ensure that this code is not a temperature reading.

Troubleshooting:

Test the unit using the remote control. If the unit does not respond to the remote, the indoor PCB requires replacement. If the unit responds, the display board requires replacement.

88 flash frequency: