

When TP is abnormal, unit will start normally and exhaust over-heat protection be canceled, at the same time failure code displays, failure code disappears when TP back to normal, exhaust over-heat protection will be recovery

e) Outdoor condensation temperature (TL)

When in heating mode, doesn't check TL

When in cooling mode, after the unit starts check the outdoor condensation temperature, if TL is abnormal the unit normal starting is allowed and cancel the low ambient cooling function, at the same time the failure code displays, failure code disappears when TH back to normal, the low ambient cooling function will be recovery.

◇Communication failure

- a) Communication failure between indoor and outdoor units: The indoor and outdoor communication is abnormal, or one of indoor unit and outdoor unit control board is not electrified, then power off and display failure code, when communication returns to normal failure code disappears.
- b) The communication failure of wired controller: when wired controller or main control board doesn't receive correct signal for consecutive 2 min, then turn off and display failure code, when communication returns to normal failure code disappears.

4. Failure code

4.1 Failure code

When air condition has failure, the timing lamp on light board of controller will display different code according to different failure case.

4.1.1 Unit failure code for unit power supply is 220-240V

Suitable for units: capacity 12000~24000Btu, power supply 220-240V~, 50Hz

Failure causing	Display mode 1 (indication lamp on display lamp board)	Display mode 2 (wired controller)	Display priority	Phenomenon
Communication failure	none	E5	1	shutdown
Drainage system failure	Timing lamp flash 4 times/8s	E4	2	shutdown
Phase failure, phase-loss or low voltage failure	Timing lamp flash 6 times/8s	E6	3	shutdown
Indoor temperature sensor abnormal (TA)	Timing lamp flash 1 times/8s	E1	4	shutdown
Indoor coil sensor abnormal(TE)	Timing lamp flash 2 times/8s	E3	5	shutdown
Outdoor coil sensor abnormal(TW)	Timing lamp flash 2 times/1s	E2	6	non-stop
Indoor heating over-load protection		None	7	shutdown
Defrosting(not failure)	Operation lamp flash	None	8	non-stop

4.2.2 Unit failure code for unit power supply is 380-415V

Suitable for units: capacity 36000~60000BTU, power supply 380-415V 3N~, 50Hz

Failure causing	Display mode1 (indication lamp on display lamp board)	Display mode1 (failure lamp on control board)	Display mode3 (wired controller)	Display priority	Phenomenon
Communication failure	Flash 5 times and go out 2S	Flash 2 times and go out 2S	F1	1	shutdown
Wired controller communication failure	—	—	E5	1	shutdown
Drainage system failure	Flash 4 times and go out 2S	—	E4	3	shutdown
Outdoor protection(Phase failure)	Flash 6 times and go out 2S	—	E6	2	shutdown
Outdoor protection (discharging over-temperature)	Flash 10 times and go out 2S	Flash 10 times and go out 2S	EA	7	shutdown
High pressure protection	Flash 9 times and go out 2S	Flash 1 times and go out 2S	E9	6	shutdown
Low pressure protection	Flash 9 times and go out 2S	Flash 3 times and go out 2S	E9	6	shutdown
Indoor temp. sensor abnormal(TA)	Flash 1 times and go out 2S	—	E1	4	shutdown
Indoor coil sensor abnormal(TE)	Flash 3 times and go out 2S	—	E3	5	shutdown
Outdoor coil sensor abnormal(TW)	Flash 2 times and go out 2S	Flash 2 times and go out 2S	E2	8	non-stop
Outdoor condensate temp. Sensor abnormal(TL)	Flash 7 times and go out 2S	Flash 7 times and go out 2S	E7	9	non-stop
Discharging temp. sensor abnormal(TP)	Flash 8 times and go out 2S	Flash 8 times and go out 2S	E8	10	non-stop

Note: When correct signal has not been received by wired control or main control board in 2 consecutive min, then the unit turns off and indicates relative failure code, once communication renew and failure code disappears automatically.