

9.1 ERROR LIST:

Failure type	Led code	Digital led code
In and out communication failure	RUN, TIMER – both winking	E0
Outdoor communication failure	RUN, TIMER – both winking	EC
Outdoor sensor	RUN – 1 time/8s	E1
Indoor coil temperature sensor	RUN – 2 times /8s	E2
Outdoor coil temperature sensor	RUN – 3 times /8s	E3
System abnormality	RUN – 4 times /8s	E4
Type mismatch	RUN – 5 times /8s	E5
Indoor fan motor	RUN – 6 times /8s	E6
Outdoor temperature sensor	RUN – 7 times /8s	E7
Discharge temperature sensor	RUN – 8 times /8s	E8
Invert module abnormality	RUN – 9 times /8s	E9
Outdoor fan motor (DC)	RUN – 10 times /8s	EF
Current sensor	RUN – 11 times /8s	EA
EEPROM failure	RUN – 12 times /8s	EE
Top of compressor temperature switch	RUN – 13 times /8s	EP
Voltage sensor	RUN – 14 times /8s	EU

9.2 PROTECTION DISPLAY CODE LIST:

Protection type	Led code	Digital led code
Higher or lower voltage	RUN-winking, TIMER 1 time/8 sec	P1
Over current	RUN-winking, TIMER 2 times/8 sec	P2
Discharge temperature	RUN-winking, TIMER 4 times/8 sec	P4
Over cooling in cooling mode	RUN-light, TIMER 5 times/8 sec	P5
Over heating in cooling mode	RUN-light, TIMER 6 times/8 sec	P6
Over heating in heating mode	RUN-light, TIMER 7 times/8 sec	P7
Outdoor temperature too high or low	RUN-light, TIMER 8 times/8 sec	P8
Drive protection(Overload)	RUN-winking, TIMER 9 times/8 sec	P9
Module self protection	RUN-winking, TIMER 10 times/8 sec	P0

9.3 OUTDOOR FAILURE DISPLAY

There is a LED on outdoor power board, when compressor is running; it is normally light; when no feedback of signal to power board from compressor, it will wink by lighting 1s and going out 1s.

If failures happened, it will light 0.5s, go out 0.5s, winking several times and go out 3s for a cycle to indicate failures. The failure list is the follow:

Wink time	Failure
1	IPM protection
2	Higher or lower voltage
3	Over current
4	Discharge temperature too high
5	Outdoor coil temperature too high
6	Drive abnormality
7	Communication abnormality with indoor unit
8	Compressor over heat (switch on top of compressor)
9	Outdoor air temperature sensor failure
10	Outdoor coil temperature sensor failure
11	Outdoor discharge pipe temperature sensor failure
12	Voltage sensor failure
13	Current sensor failure
14	IPM abnormality
15	Outdoor communication abnormality
16	DC fan motor no feedback
17	Defrosting