

9.2 Flashing LED of Indoor/Outdoor Unit and Primary Judgement

Name of malfunction	Display of indoor unit	state of the lamps of outdoor unit PCB			Reasons
	ERROR CODE	GREEN-LED2	RED-LED3	YELLOW-LED4	
Stop for anti-freezing protection of indoor-unit	E2			blink-3times	refrigerant leakage、 indoor unit air flow blocked up、 filter duty
Stop for exhaust protection	E4			blink-7 times	less refrigerant、 capillary blocked up、 ambient temperature is abominable
Overcurrent protection	E5			blink-5 times	low voltage、 ambient temperature is abominable
Stop for communication malfunction	E6	do not blink			communication line failure、 main PCB failure、 interfere souce、 connect line wrong
Stop for compressor overload protection	H3			blink-8 times	compressor shell over heat、 lessrefrigerant、 capillary blocked up
Overload protection	H4			blink-6 times	ambient temperature is abominable、 heat exchanger blocked up
Stop for IPMmodule protetion	H5			blink-4 times	IPM mouldel over heat、 low voltage、 silica gel
PG motor (indoor fan motor) does not operate	H6				PG motor control terminal does not contact well; Blade does not rotate fluently due to incorrect installation; motor or control panel is damaged
Indoor ambient temperature sensor malfunction	F1				terminal connect not reliable、 temperature sensor maifunction
Indoor tube temperature sensor malfunction	F2				terminal connect not reliable、 temperature sensor maifunction
Outdoor ambient temperature sensor malfunction	F3		blink-6 times		terminal connect not reliable、 temperature sensor maifunction
Outdoor tube temperature sensor malfunction	F4		blink-5 times		terminal connect not reliable、 temperature sensor maifunction
Outdoor exhaust temperature sensor malfunction	F5		blink-7 times		terminal connect not reliable、 temperature sensor maifunction
Jumper cap malfunction protection	C5				theres no jumper cap on the controller、 jumper cap is not inserted properly and tightly、 jumper cap is damaged、 corresponding circuit on mainboard has malfunction
Indoor and outdoor units cant match with each other	LP			blink-16times	Indoor unit and outdoor units cant match with each other
PG motor(indoor fan) zero-cross detection circuit malfunction	U8				abnormal of zero-cross detection circuit of controller mainboard.
PFC overcurrent malfunction	HC			blink-14times	Overcurrent of PFC
High protection of power	L9			blink-9times	Complete units power is too high
High voltage protection	PH			blink-13times	DC side voltage is too high
low voltage protection	PL			blink-12times	DC side voltage is too low
Automatic defrosting	H1			blink-2 times	H1is not error code,it is noemal operation. Just heat pump has this fuction
REMARK:	1.Error codes only can be seen in the type which has the temperature display pcb.maybe some type has not this function,the lamps on the outdoor pcb are avaiable 2.Normally,the communication between indoor unit and outdoor unit is successful, the gree lam				