

Trouble Shooting Guide Guide des Codes Erreurs Guía de Códigos de Error

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R32



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Specifications are subject to possible modifications without prior notice.
Les présentes spécifications sont susceptibles d'être modifiées sans préavis.
Las especificaciones están sujetas a cambios sin previo aviso.

8. Troubleshooting

8.1 Error Code List

No.	Name of malfunction and status	Remark	Error code	Way of display	Aftersales	Operation
1	Oil return in cooling mode		b0	Display by remote controller	Normal	Push light "+" "-" button 3s to eliminate the display
2	Cold air protection		b1	Display by remote controller	Normal	Push light "+" "-" button 3s to eliminate the display
3	Filter cleaning		b3	Display directly	Filter need to be cleaned	Cleaning the filter
4	Defrost or oil return in heating mode	Display one time after running 10s	dF	Display by remote controller	Normal	Normal
5	Compressor phase current electric circuit failure		H6	Display directly	Outdoor mainboard electric circuit broken	Change the mainboard
6	Compressor phase loss protection		H7	"Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s"	Reason: 1.mainboard broken 2.mainboard and compressor un-connected 3.compressor broken	1.change the mainboard. 2.check the connecting of compressor and mainboard. 3.Change compressor.
7	Outdoor DC motor protection	Including outdoor motor module protection/phase loss protection/step loss protection	H8	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	Reason: 1.Outdoor motor fan air duct block 2.Cause by typhoon 3. Outdoor motor fan three Phase resistance equal to two phase resistance; 4. mainboard broken	1.remove the block 2.change the motor fan 3.change the mainboard
8	Outdoor DC motor phase current electric circuit failure		H9	Display directly	Outdoor mainboard electric circuit broken	Change the mainboard
9	Jumper failure		L0	Display directly	1.Un-install jumper in indoor and outdoor. 2.Jumper plug failure. 3.mainboard check the jumper electric circuit failure.	Change the jumper or mianboard
10	Indoor alternating current zero point failure		L1	Display directly	Indoor mainboard broken	Change the indoor mainboard
11	Indoor motor failure		L2	Display directly	1.Indoor motor blockage. 2.Indoor motor wire losen. 3.Indoor motor broken.	Change the indoor mainboard or motor fan
12	Communication failure		L3	Display directly	Mainboard broken or wire un-connected	Change the mainboard
13	Outdoor EEPROM failure		P0	Display directly	Outdoor mainboard electric circuit failure	Change the outdoor mainboard

No.	Name of malfunction and status	Remark	Error code	Way of display	After sales	Operation
15	Power on failure		P1	Display directly	Outdoor mainboard electric circuit broken/ wire un-connect/ reactor broken	1.Check the connection of outdoor mainboard power. 2.Check the reactor. 3.Check the outdoor AC return after power off.
16	Alternating current protection		P2	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	Outdoor mainboard electric circuit broken.	Change the mainboard
17	High Voltage protection		P3	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	1.Check the input AC voltage. 2.Change outdoor mainboard.	1.Check the voltage of power supply . 2.Change the mainboard after power on and off.
18	Low voltage protection		P4	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	1.Check the input AC voltage. 2.Change outdoor mainboard.	1.Check the voltage of power supply. 2. Change the mainboard after power on and off.
19	DC line voltage drop protection		P5	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	1.check the input AC voltage. 2.change outdoor mainboard.	1.Check the voltage of power supply. 2.Change the mainboard after power on and off.
20	Current checking electric circuit failure		P6	Display directly	1.Refrigerant leakage. 2.Outdoor mainboard electric circuit broken	1.Change the refrigerant leakage. 2.change the mainboard.
21	Current protection		P7	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	Current is above the max No.	1.Check the input AC voltage. 2.Check the system blockage. 3.Change the mainboard.
22	PFC current checking electric circuit failure		P8	Display directly	Outdoor mainboard electric circuit broken	Change the mainboard
23	PFC protection		P9	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	1.check the input AC voltage. 2.change outdoor mainboard.	1.Check the AC voltage. 2.Change the mainboard.
24	Indoor and outdoor un-match failure		PA	Display directly	Indoor jumper mistake	Change the junper
25	Indoor temperature sensor short circuit failure		U0	Display directly	Check indoor temperature sensor	Change the sensor.If still not work,change the mainboard

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26	Indoor pipe sensor short circuit failure		U1	Display directly	Check indoor pipe sensor short	Change the sensor.If still not work,change the mainboard
27	Outdoor temperature sensor short circuit failure		U2	Display directly	Check outdoor temperature sensor	Change the sensor.If still not work,change the mainboard
28	Outdoor pipe sensor short circuit failure		U3	Display directly	Check outdoor pipe sensor	Change the sensor.If still not work,change the mainboard
29	Outdoor discharge sensor short circuit failure		U4	Display directly	Check outdoor discharge sensor	Change the sensor.If still not work,change the mainboard
30	Compressor module sensor short circuit failure		U5	Display directly	Change the mainboard	Change the outdoor mainboard
31	Discharge sensor invalid		U8	Display directly	Check Discharge sensor	Check the position of sensor,if it is in the right position,change the sensor.If it still not work,change the mianboard
32	High discharge air temperature		E0	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	Motor fan air duct block. Evaporator is dirty.	Please refer to the malfunction analysis (discharge protection, overload).
33	Anti freezing protection		E3	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	Check Poor air-return in indoor unit and evaporator.	1. Poor air-return in indoor unit; 2. Fan speed is abnormal 3. Evaporator is dirty.
34	4-Way valve malfunction		E7	Display by remote controller within compressor stop 200s or Display directly after compressor stop 200s	1.Check the input AC voltage. 2.Check 4-Way valve.	1.Supply voltage is lower than AC 175V; 2.Wiring terminal 4V is loosened or broken; 3.4-Way valve is damaged, please replace 4-Way valve .
35	High or low Outdoor temperature protection		E8	Display by remote controller	Check outdoor ambient temperature in normal range?	Normal protection, please operate it after the outdoor ambient temperature is normalized.