

Gree Air Conditioner Error Codes

The fault code is deduced from the number of times the green LED flashes, blocking unit operation.

C5:Malfunction of connector jumper: Check if the connector jumper contacts properly. If the PCB is to be replaced, please take off the old for the new PCB

F1:Malfunction of indoor ambient temperature sensor:Check if indoor room temperature sensor is connected properly.

F2:Malfunction of evaporator temperature sensor:Check if the evaporator temperature is connected properly.

H1:Defrosting:It is normal

H6:Indoor fan block:Check if terminal of the indoor motor is connected properly. Replace the fan motor or the indoor board if disabled.

Refrigerant system high pressure protection **E1**

Anti-freezing protection **E2**

Compressor exhaust high temperature protection **E4**

AC over-current protection **E5**

Communication failure between indoor unit and outdoor unit **E6**

Anti-high temperature protection **E8**

No feedback of indoor fan motor **H6**

Jumper cap malfunction protection **C5**

Indoor ambient sensor open or short circuit **F1**

Indoor tube sensor open or short circuit **F2**

Outdoor ambient sensor open or short circuit **F3**

Outdoor tube sensor open or short circuit **F4**

Exhaust sensor open or short circuit **F5**

Over load limit / drop frequency **F6**

Over current limit / drop frequency **F8**

High exhaust temperature limit / drop frequency **F9**

AC current detect circuit malfunction **U5**

Compressor reverse protection **U4**

Over compressor phase current protection **P5**

Inlet tube sensor malfunction **b5**

Outdoor DC fan motor malfunction **L3**

Outlet tube sensor malfunction **b7**

Door malfunction **FC**

Compressor overload sensor malfunction **FE**

Defrosting **H1**

Static clearing dust protection **H2**

Compressor over load protection **H3**

System abnormal protection **H4**

IPM protection **H5**

PFC protection **HC**

Compressor loss step protection **H7**

Heating anti-high temperature drop frequency **H0**

Startup failure **Lc**

Compressor protection against loss of phase **U2**

Compressor phase current detection circuit malfunction **U1**

Compressor demagnetization protection **HE**

Loading EEPROM malfunction **EE**

Communication failure between main board and driver board **P6**

IPM sensor circuit malfunction P7

IPM high temperature protection P8

PN voltage drop protection U3

Low PN voltage protection PL

Current detect circuit malfunction or Current sensor malfunction Pc

Compressor loss of phase protection Ld

Compressor locked rotary protection LE

IPM over temperature limit / drop frequency EU

4-way valve reversal abnormal U7

Disconnection of the exhaust temperature sensor U8

AC power zero voltage detect error U9

Over tube temperature drop frequency FA

Anti-freezing limit / drop frequency FH

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MODULAR D.C. INVERTER MULTI VRF

MAINTENANCE

1.1.2 Trouble display of mainboard LED of duct type indoor unit

Error	Error Code	Error	Error Code
Prevention against low temperature	E2	Error with oil temperature sensor 2 (digital)	Fb
Outdoor ambient temperature sensor error	F4	Indoor ambient temperature sensor error	F0
Outdoor tube-inlet sensor error	F5	Exhaust overtemperature	E4
Outdoor tube-middle sensor error	F6	Low-pressure protection	E3
Outdoor tube-exit sensor error	F7	Overcurrent Protector	E5
Error with exhaust temperature sensor 1 (fixed-frequency)	F8	High-pressure protection	E1
Indoor tube-inlet sensor error	F1	Communication error	E6
Indoor tube-middle sensor error	F2	High-pressure valve error	Fc
Indoor tube-exit sensor error	F3	Low-pressure valve error	Fd
Error with exhaust temperature sensor 2 (digital)	F9	Water-full protection (Cassette)	Eb
Error with oil temperature sensor 1 (fixed-frequency)	FA		

E2-F4-F5-F6-F7-F8-F1-F2-F3-F9-FA-FB-F0-E4-E3-E5-E1-E6-FC-FD-EB

Malfunction Item	Outdoor unit display of dual 8 numeral tube	Indoor Unit Display
DC busbar overvoltage protection	PH	E5
Overheat protection of radiator	P8	E5
Current sensor malfunction	Pc	E5
Carbon fin sensor malfunction	P7	E5
Compressor current protection	P5	E5
Low voltage protection	PL	E5
Compressor startup failure	Lc	E5
PFC abnormality	He	E5
Compressor clogged	LE	E5
Drive resetting	P0	E5
The compressor motor in loss of synchronization	H7	E5
Missing phase, Speed discard	Ld	E5
Malfunction from driving part to main-control communication	P6	E5
IPM module protection	H5	E5
Compressor over speed	LF	E5
Sensor connection protection	Pd	E5
Temperature drift protection	PE	E5
AC contactor protection	P9	E5
High-pressure protection	E1	E1
Low-pressure protection	E3	E3
Exhaust protection	E4	E4
Compressor overload protection	H3	E5
Communication malfunction (among indoor unit, outdoor unit and wired controller)	E6	E6
Outdoor ambient temperature sensor malfunction	F3	F3
Coil pipe intermediate temperature sensor malfunction of outdoor unit	F2	F2
Exhaust temperature sensor malfunction	F4	F4
Defrosting (non-malfunction)	08	defrost
Oil return (non-malfunction)	09	no display
Mismatch of indoor unit model	LP	no display
AC current protection (input side)	PA	E5
Driver board environment temperature sensor malfunction	PF	E5
AC input voltage abnormality *	PP	E5
Electrification loop malfunction *	PU	E5