

Codes

Indication

Malfunction

Possible reasons

E2

RUN indicator off for 3s and blinks 2 times

Inner spiral defrost protection

Poor air return to the indoor unit

Fan speed is incorrect

The evaporator is dirty.

E4

RUN indicator off for 3s and blinks 4 times

Compressor overheat protection

communication problem or damage EEV (Electronic Expansion Valve)

refrigerant leak

Poor heat transfer

E5

RUN indicator off for 3s and blinks 5 times

Overvoltage Protection

Supply voltage intermittent

Supply voltage too low and load too high

E6

RUN indicator off for 3s and blinks 6 times

Communication failure

Installation error

Board problem of indoor or outdoor unit

HER

HEAT indicator off for 3s and blinks 15 times

EEPROM error (memory chip)

Replace indoor unit board

F0

COOL indicator off for 3s and blinks 10 times

Lack of Freon or Block Protection

F1

COOL indicator off for 3s and blinks 1 time

Malfunction

INTERNAL AIR TEMPERATURE SENSOR

Sensor is broken or damaged.

There is a problem in the circuit of the temperature detection board

F2

COOL indicator off for 3s and blinks 2 times

Malfunction of the INTERNAL TEMPERATURE SPIRAL sensor (RT2)

F3

COOL indicator off for 3s and blinks 3 times

Outside sensor sensor malfunction

temperature

F4

COOL indicator off for 3s and blinks 4 times

Malfunction of the outdoor temperature sensor

F5

COOL indicator off for 3s and blinks 5 times

Compressor temperature sensor malfunction

H3

HEAT indicator off for 3s and blinks 3 times

Compressor overload protection

communication problem or damage to the EEV (Electronic Aspiration Valve)

refrigerant leak

OLP damage

H4

HEAT indicator off for 3s and blinks 4 times

System overload

The system is unstable, check that the evaporator and condenser are dirty and blocked.

H6

HEAT indicator off for 3s and blinks 6 times

no feedback from indoor unit motor

Indoor fan motor damaged
Indoor fan motor blocked
indoor unit board problem
H7

HEAT indicator off for 3s and blinks 7 times

Sync failure

Incorrect input voltage.
Compressor installation error.
Liquid and gas valve not open.
Damaged EEV (Electronic Expansion Valve) or improper operation
Poor heat transfer.
Recharge system.

HEAT indicator off for 3s and blinks 11 times

Air conditioner start failure

compressor installation error
Recharge system
the system is not balanced before starting the compressor
compressor error
P7

HEAT indicator off for 3s and blinks 18 times

Radiator temperature sensor malfunction

The sensor has been broken or damaged.
There is a problem in the circuit of the temperature detection board
P8

HEAT indicator off for 3s and blinks 19 times

Radiator temperature sensor overheat protection

Insufficient investment in the radiator module
Outdoor unit board problem
PH

COOL indicator off for 3s and blinks 11 times

High voltage

Voltage greater than 265 V
Outdoor circuit board circuit failure
PL

HEAT indicator off for 3s and blinks 21 times

Low voltage

Voltage below 150 V
Outdoor circuit board circuit failure
U1

HEAT indicator off for 3s and blinks 13 times

Compressor phase failure

Replace outdoor main board Replace the outdoor unit board

U5

COOL indicator off for 3s and blinks 13 times

AC problem detected

Replace the outdoor unit board

U7

COOL indicator off for 3s and blinks 20 times

Check Valve Malfunction

Voltage lower than 175V

The check valve clamp assembly is loose or broken

check valve damaged

UA

The HEAD and COOL indicators flash 12 times simultaneously

Configuration errors

The indoor unit does not match the outdoor unit

UF

The HEAD and COOL indicators blink 7 times simultaneously

Zero transition protection (indoor unit)

Replace indoor unit board

UH

The HEAD and COOL indicators blink 8 times simultaneously

There is no feedback from the motor of the external unit

Can this malfunction occur when an indoor unit motor is used?

UU

HEAD and COOL indicators blink 11 times simultaneously

DC over current

High voltage