Service Bulletin

AF FAULT RESET – REFRIGERANT LEAKAGE PROTECTION LED BLINKS 5 TIMES & STOPS FOR 8 SECONDS

Bulletin No.: 002
Issue Date: April 15, 2025
Models: All inverter ducted IDUs: AHU**HPV1BI, AHU**HPV1AI

Equipment Needed

N/A

Tools Required

Terminal screwdriver, wire strippers, jumper wires

Reset Procedure with 24V Thermostat

Fault indication: IDU main PCB LED blinks 5 times, then stops for 8 seconds.

1. Leave the system powered on.
   a. Turn the system off (cooling/heating and fan) at the thermostat.
   b. The indoor fan will be running at high speed.
   c. The outdoor unit will be off.



2. Turn fan mode on at the thermostat.



3. Turn cool mode on at the thermostat.
   a. Make sure the thermostat is not in a delay.
   b. Once the cool call starts, leave it calling for 15 seconds.
   c. After the cool call has run for 15 seconds, turn cooling off.



4. Fan mode should still be calling at this point.
   a. Wait at least 5 minutes after turning cooling off.
   b. The unit will reset (the LED will stop blinking).

5. Turn fan mode off.
   a. The indoor unit should stop.



6. The system is now reset and will operate normally.

Reset Procedure with AUX Controller

Fault indication: AF is shown on the AUX controller, and the IDU main PCB LED blinks 5 times, then stops for 8 seconds.

1. Leave the system powered on.
   a. Turn the system off (cooling/heating and fan) at the AUX controller.
   b. The indoor fan will be running at high speed.
   c. The outdoor unit will be off.



2. Install a jumper wire from **R** to **G** on the indoor unit board.
   a. The AUX controller will show ON with high fan speed.



Jumper R to G



Controller shows ON, high fan

3. Temporarily jump **G** to **Y1** on the indoor unit board for 15 seconds.



4. Wait at least 5 minutes after removing the temporary jumper.
   a. The error will clear and the controller will show ON.



5. Remove the jumper between **R** and **G** on the indoor unit board.
   a. Turn the controller off.



6. The unit is reset and will operate normally.