

Service Bulletin

CONNECTION OF GRAVITY DRAIN AND CONDENSATE PUMP FOR SLIM DUCT

Bulletin No. 003

Issue Date: July 11, 2025

Models: AFEB**HP230V1SD

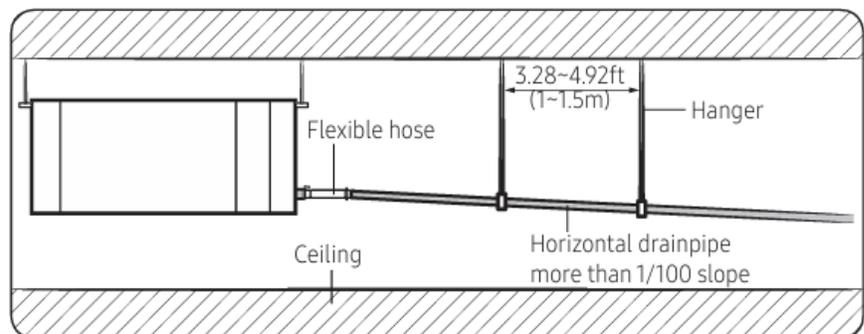
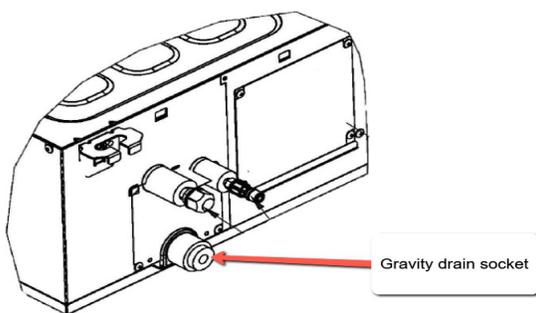
(Production Dates from November 2024 – February 2025)

Equipment Needed

N/A

Procedure for Gravity Drain

1. Install $\frac{3}{4}$ " horizontal drainpipe with a slope of 1/100 or more and fix it by hanger space of 3.28~4.92 ft (1~1.5m).
2. Install U-trap at the end of the drainpipe to prevent any smells from reaching the indoor unit.
3. Do not install the drainpipe in an upward position. It may cause water flow back into the unit.

EXAMPLE

Procedure for 3rd Party Pump, 208/230V Pump

Pump Placement – CRITICAL

- The pump must be installed *below* the indoor unit's gravity drain outlet
- Do **not install the pump above or level with the drain outlet**, as this may result in overflow or pump failure.
- Mount the pump horizontally on a solid, vibration-free surface.
- Leave sufficient clearance for servicing the reservoir and float switch

Drain Line Connection

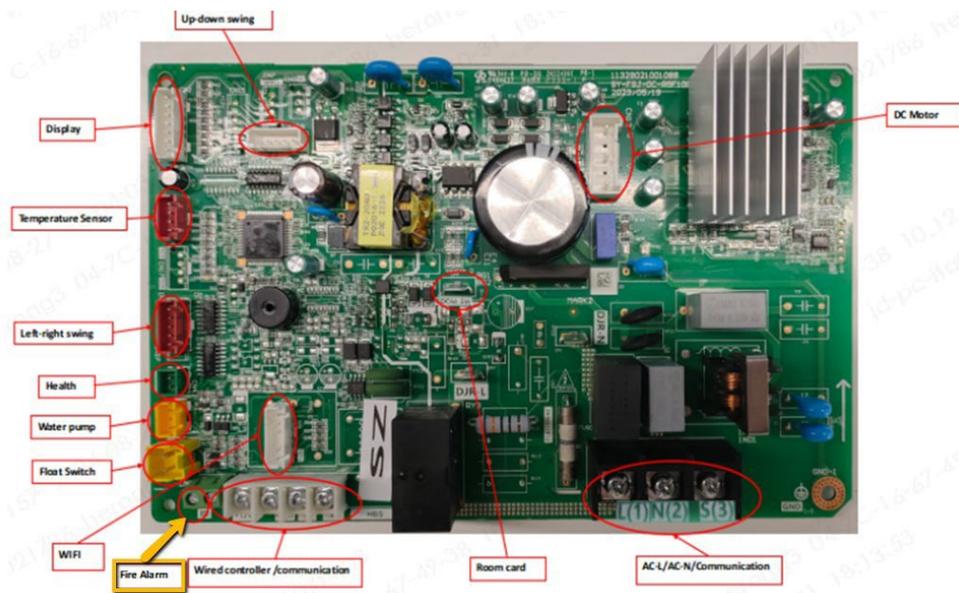
- Connect the indoor unit's 3/4" gravity drain outlet to the pump's inlet and source a reducing adapter if needed.

Note: Always follow the **manufacturer's installation instructions** for the 3rd party pump, including electrical connections, mounting requirements, and maintenance guidelines. AUX is not responsible for issues resulting from improper installation or use of 3rd-party components outside the pump manufacturer's specified guidelines.

Power & Safety Wiring from 3rd Party Pump



- Connect 208/230V Pump power wires to the L1 and N2 on the indoor unit power terminals. You will connect the N.O. (normally open) safety to the terminals labeled Fire alarm shown here on the bottom left of the control PCB.



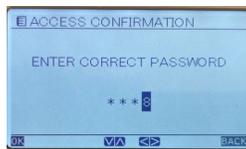
- You must now configure the N.O. dry contact using the AUX Controller.
 - Press the MENU/OK button



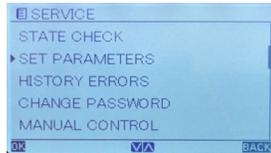
- Navigate down to FOR SERVICEMAN press MENU/OK.



- Enter the code 8888 press MENU/OK.



- Select SET PARAMETERS press MENU/OK



- Press down arrow to PARA(16#-33#) press MENU/OK.



- Down arrow for 17# and set the setting to 2 press BACK button to the main menu.

