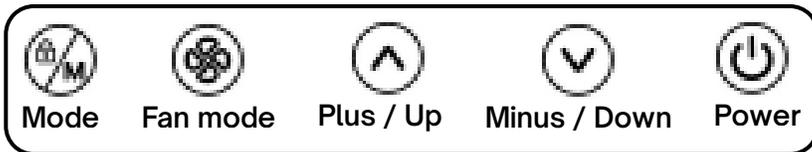
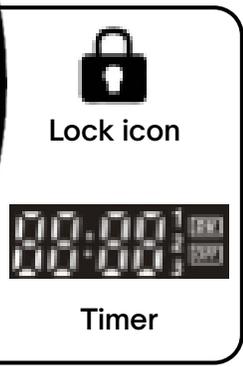
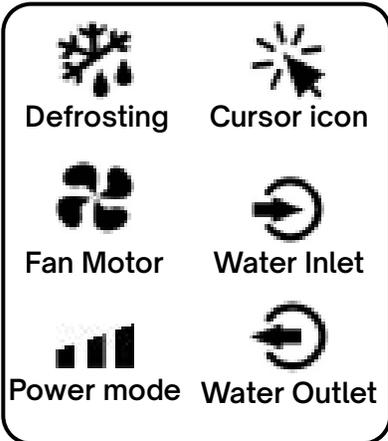
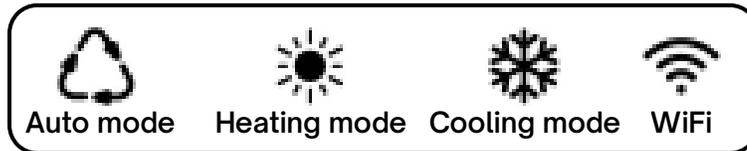


Understanding Your Display



For Inverter Model Heat
Pumps: FH235-i; FH285-i

Get to Know the Icons





Inverter Controls

0.

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Inverter Controls

1.

Startup and Locking



Power

Hold the 'power' button for 1 second to turn the Heat Pump on or off.



This button is also used to return to the main screen (press once).



Mode

Hold the Mode button for 3 seconds to lock or unlock the display.



(The Lock will be activated automatically after 60 seconds of inactivity)



Lock icon

The Lock Icon will appear whenever the display is locked.



NOTE 1: The display control panel must be unlocked before changing any settings.

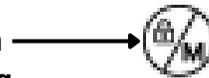
NOTE 2: Before starting the Heat Pump, make sure that the filtration pump is running, and that water is flowing through the Heat Pump. Water flow is required for the Heat Pump to start.

Temperature Mode Selection



Auto

From the main screen press the Mode button



to switch between Auto, Heating, and Cooling



Heating

While in "Auto" mode, when heating both Auto and Heating icons will display.



Cooling

While in "Auto" mode, when cooling both Auto and Cooling icons will display.





Inverter Controls

2.

Operation Mode Selection

-  Fan
-  Full Power
-  Eco mode
-  Silent

From the main screen press the Fan button  to switch between Full, Eco, and Silent modes. 

Highest heating and cooling potential

Controls fan speed and compressor output to reduce energy usage.

Limits noise by reducing fan speed.

NOTE: If Temperature mode is set to 'Auto', then the Operational mode is locked as 'Eco'. Other Operational modes cannot use the 'Eco' function.

Temperature Adjustment

-  Minus
-  Plus
-  Cursor
-  Power

Once the display is unlocked, from the main screen press the minus (down) and plus (up) buttons to adjust to the desired temperature.  

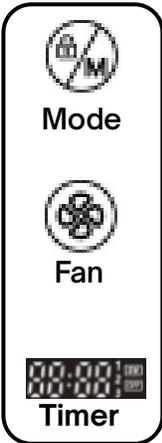
Wait for the Cursor icon to light up. 

Once the Cursor icon has is lit up, press the power button to save the temperature setting. 



Clock & Timer Setting

Accessing Clock & Timer Setting Mode



From the main screen press the Mode and Fan buttons for 3 seconds to enter Clock Setting.



Mode

Press and hold for 3 seconds again to enter Timer Setting.



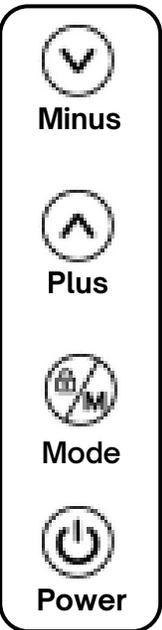
Fan

When in Timer Setting, the Timer will begin to flash.



Timer

Setting the Clock or Timer



To adjust the Clock or Timer, once in the correct setting mode, use the Minus (down) and Plus (up) to change the Hours.



Minus

Once the Hours have been set, press the Mode button to adjust the minutes, using the Minus (down) and Plus (up) buttons.



Plus

Then us the Minus (down) and Plus (up) buttons to adjust the minutes.



Mode

Press the Power button to confirm the setting and return to the main menu.



Power

Cancel Timer

To cancel a timer, return to the Timer Setting, Press and hold Menu and Fan for 3 seconds to cancel the timer.



NOTE: There are 3 individual timers available for separate scheduling.

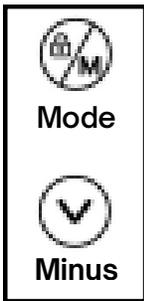


Inverter Controls

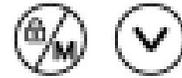
4.

Manual Defrosting

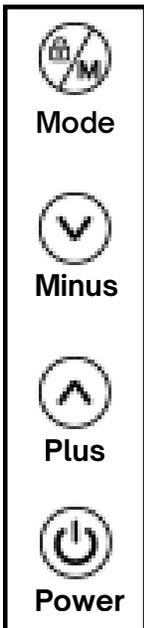
NOTE: FibroPool Heat Pumps will enter 'Defrost Mode' automatically when needed. Contact Technical Support if you encounter frequent defrosting or need to enter defrosting mode manually.



To enter manual defrosting, hold both the Mode and Minus (down) buttons for 3 seconds.



Restore Factory Settings



To restore factory settings, hold the Mode, Minus (down), Plus (up), and Power buttons for 5 seconds.

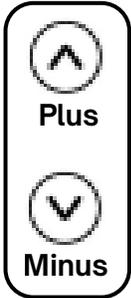




Inverter Controls

5.

Parameter Checklist



Hold the Minus (down) button for 3 seconds to enter the parameter overview.



Use the Minus (down) or Plus (up) buttons to check through the parameters.



System Parameter Values

Code	Description	Unit
A01	Inlet Water Temp	°F
A02	Outlet Water Temp	°F
A03	Ambient Temp	°F
A04	Exhaust Temp	°F
A05	Gas Return Temp	°F
A06	Outer Piping Temp	°F
A07	Inner Piping Temp	°F
A08	EEV Aperature	
A09	Compressor Current	A (Amps)
A10	Radiator Temp	
A11	Voltage Value	V (Volts)
A12	Frequency	Hz (Hertz)
A13	Fan Motor Speed	r/min (rotations /minute)
A14	Fan Motor Speed	r/min (rotations /minute)



Inverter Controls

6.

Parameter Settings



Hold the Plus (up) button for 3 seconds to enter parameter settings.



Press the Mode button to select the parameter you want to adjust.



Use the Plus (up) and Minus (down) buttons to set the new data for the parameter listed in the table below:



System Parameter Values

Code	Description	Default	Scope
P01	Inlet Water Temp. in Heat Mode	80°F (27°C)	46~104°F (8~40°C)
P02	Outlet Water Temp. in Cool Mode	80°F (27°C)	46~82°F (8~28C)
P03	Ambient Temp. in Auto Mode	80°F (27°C)	46~104°F (8~40°C)
P04	Water Temp. Difference before Start	33.8°F (1°C)	33~64°F (1~18°C)
P05	Heat pump ON/OFF when desired water temp is reached	1	1 ON, 0 OFF



Inverter Controls

7.

Wi-Fi & Bluetooth Setting



Hold the Plus (up) and power button for 5 seconds to enter Wi-Fi pairing mode.



Hold the Minus (down) and power button for 5 seconds to enter Bluetooth pairing mode.



Scan the QR code below with your phone's camera to access step-by-step Wi-fi connection and operating instructions.



Change Temperature Display (°C) to (°F)



Hold the Fan button for 5 seconds. When the temperature value changes release the button.

