

AURORA II HEATPUMP – SPLIT SYSTEM SETTINGS AND MANUAL

How to set up your heat pump

- Understanding heat differently
- Basic display operation
- Setting your heat curve
- APP and WIFI connection
- APP operation

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Safety

Heat pumps involve both electrical and water connections. Please read our [safety instructions](#) before operating any part of the system.

RETHINKING HEAT

Steady Heat

Changing from a boiler to a heat pump requires a rethink in the way you heat your home.

A boiler burns fossil fuels to super-heat cold water to ~80°C rapidly, to do this a boiler burns at roughly 1,200°C. This results in a yo-yo effect between the boiler and your thermostat turning ON/OFF the boiler to try to maintain the temperature you desire.

A heat pump, in contrast, maintains a constant flow and changes the water temperature in a much more controlled way, one degree at a time. This maintains a constant temperature in your home.



Continuous Circulation

In our system your home becomes a thermal store. Our weather compensation technology monitors a range of temperatures, only turning the main heat pump ON when your selected heating curve is met.

The rest of the time our state of art Grundfos water pump circulates water around your house. This takes very little energy to run and ensures you never need to think about your heating when the weather changes.

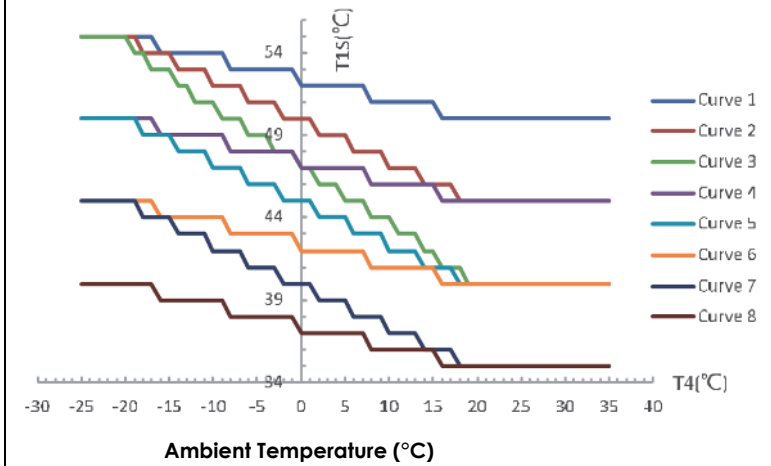




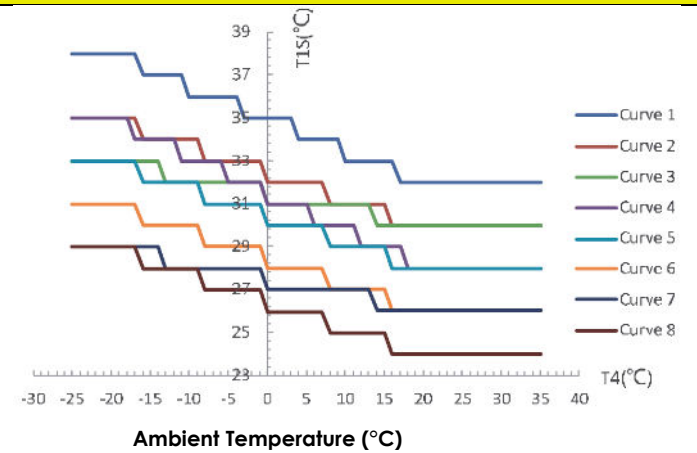
HEATING CURVES

Selecting your heating curve lies at the heart of your home's resting temperature. You get to choose between 16 settings which determine the water temperature at different outdoor temperatures. These graphs can be seen below.

Heating – High Water Temperature - HH1-HH8

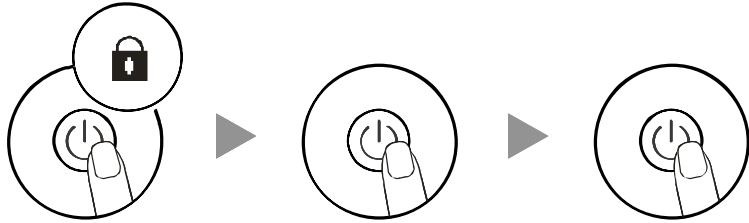


Heating – Low Water Temperature HL1-HL8



1. BASIC OPERATION

1.1 Unlock / Lock



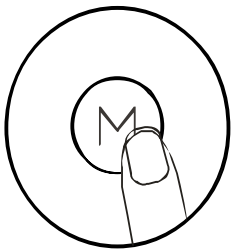
When the lock symbol is displayed, hold the power key for 5 sec. to unlock the control panel.

Press this button for 2 sec. to switch on the heat pump.

Press again for 2 sec. to switch off the heat pump

NOTE: After 60 seconds of no operation, the display will automatically lock.

1.2 Change Mode Settings

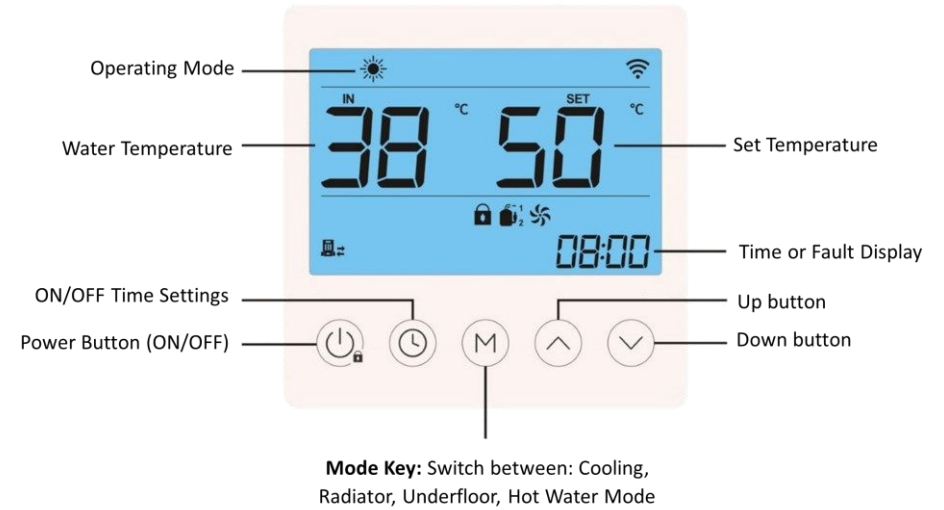


Press this button to switch between the different modes.

No.	Symbol	Mode
1		DHW
2		Underfloor heating
3		DHW & Cooling
4		DHW & Heating
5		DHW & Underfloor
6		Cooling
7		Heating

1.3 Split System Selected Mode

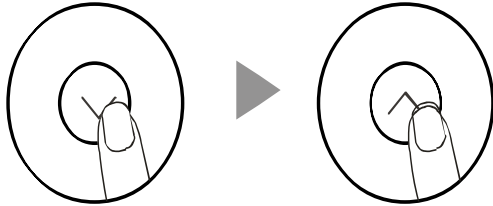
With a split system you should only ever select heating or cooling modes.



2. SETTING TEMP & TIME

2.1 Manual Setting of the Temperature

To manually adjust the water temperature, you can use the arrows as shown below; however, the recommendation for efficiency is to set a heating curve,

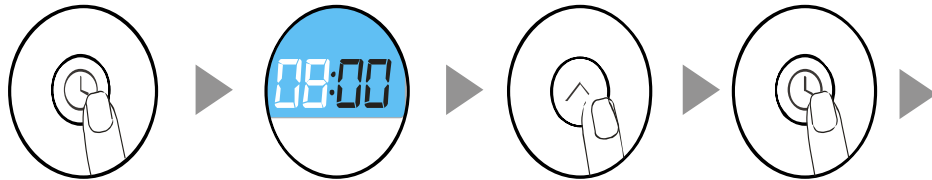


Press this button to decrease the temperature.

Press this button to increase the temperature.

2.1 Setting the Time

Setting the time is essential for night/day mode switching, and time settings.

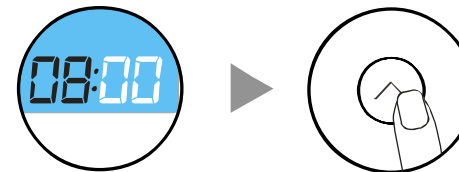


Press 1 sec. press this button to set the current clock time.

Press the "clock" button again. The hour portion will flash.

Press the arrow keys to adjust the value

Press this button again to set the minutes.



Press the "clock" button again. The minute time will flash.

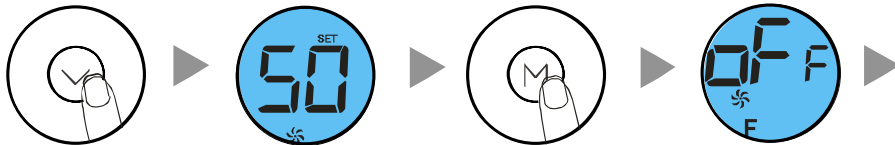
Press the arrow keys to adjust the value and finish with the "clock" key.

3. Climate Temperature Curve

3.1 Set Climate Temperature Curve

When the climate temperature curve function is enabled, one of eight curves can be selected per mode. The climate curve setting is assigned to the mode it is in. A combination mode can be changed by pressing the "M" button, after which both the relevant mode symbol and the display flash.

* Curve 4 is the standard curve, curve 8 is the most Eco-friendly curve

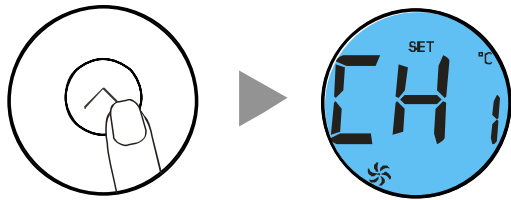


Press 1 sec. press this arrow key to open the temperature setting screen.

The set temperature will flash.

Hold this button for 5 sec. pressed

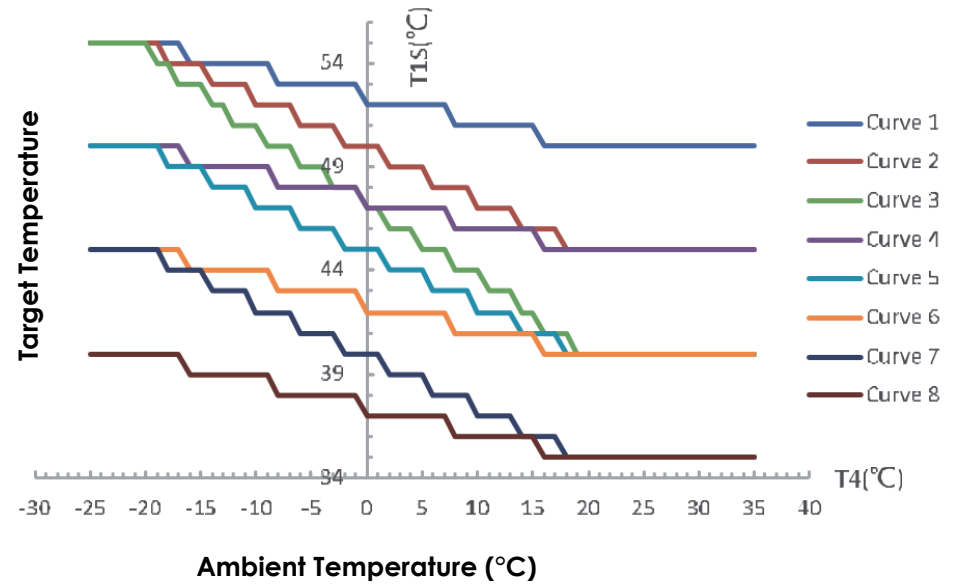
Enter the desired temperature curve using the arrow keys



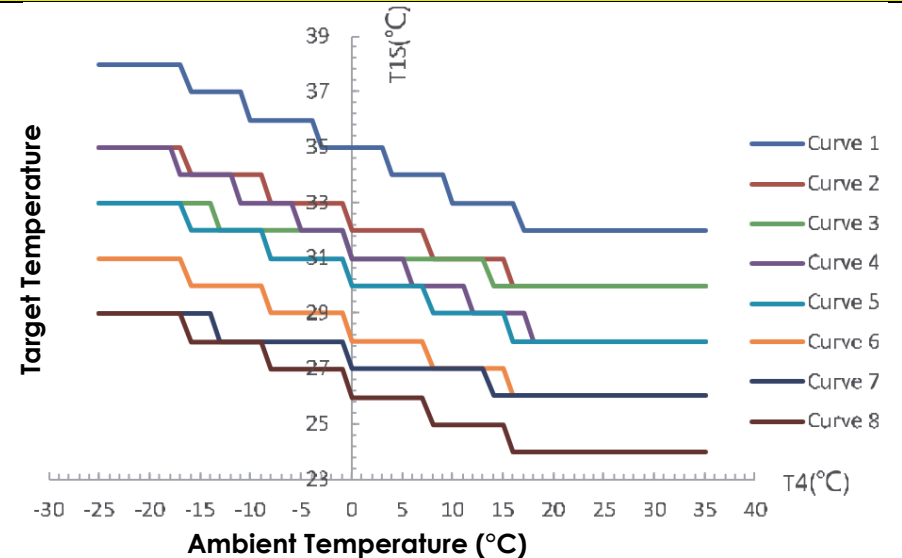
Press 1 sec. press the arrow key to set another desired temperature curve.

Example: Curve 1 has been successfully set

Heating – High Water Temperature - HH1-HH8



Heating – Low Water Temperature HL1-HL8



4. APP Download

- Search for the “Smart Life” app in the App Store (iOS) or Play Store (Android) and download + install it.
- Users without an account can log in by clicking on the “Create new user” function on the login page.
- Create a new account → Enter your mobile phone number or email address → receive the verification code → enter the verification code → enter your password in → tap finish.
- After the registration has been completed, you can optionally set up a family, so that rights for use and/or management can be granted.

* Instructions above based on application version 4.5.0 (ANDROID) and 4.5.3 (iOS).



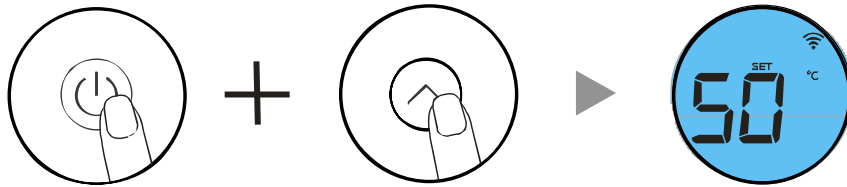
 Google Play Store



 Apple App Store

5. Connecting APP To Heat Pump

5.1 Control Panel Connection



In the unlocked state, press and hold the power key + the up key at the same time to enter pairing mode. The Wi-Fi symbol will flash

STEP 1

Open the “Smart Life” APP, log in the main screen, click the “+” icon on the top right corner to add devices “Add Device”, on the left side select “Large Home Appliances” and tap “Smart Heat Pump (WiFi)”.

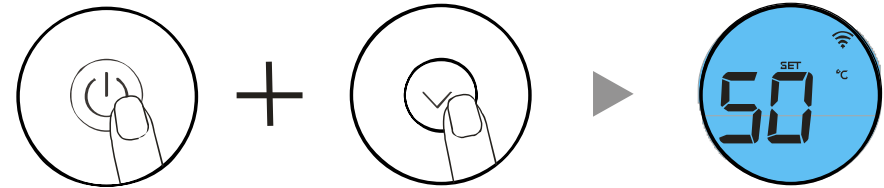
STEP 2

Select Smart Heat Pump (Wi-Fi) and enter your Wi-Fi network details (it must be the same as the Wi-Fi connection the phone/tablet is connected to). Click “Next” and confirm that the correct Wi-Fi network has been selected. The Wi-Fi symbol in the display will then flash quickly. Tap on “Confirm that the Wi-Fi symbol is flashing. Click on the “+” icon to add the heat pump. Note: The icon flashes slowly when the Wi-Fi module is connected to the Wi-Fi hotspot.

STEP 3

The system will indicate “Device successfully added” and then it will be connected to the Wi-Fi network. Click the icon in the APP to change device name, then select the installation location of the device (living room, bedroom). Tap Finish to view the heat pump settings and data.

5.2 Manual Connection in APP Mode



In the unlocked state, press and hold the power key + the down key at the same time to enter pairing mode. The Wi-Fi symbol will flash

STEP 1 & 2 – same as above.

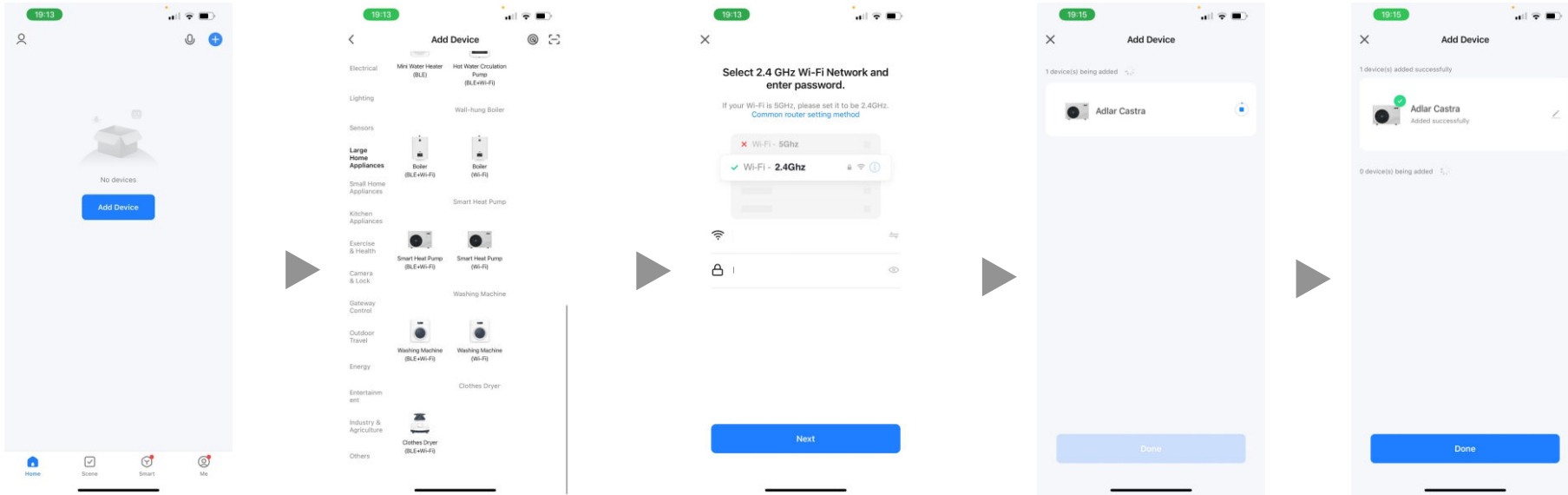
STEP 3

Select Smart Heat Pump (Wi-Fi) and enter your Wi-Fi network details (it must be the same as the Wi-Fi connection the phone/tablet is connected to). Click “Next” and confirm that the correct Wi-Fi network has been selected. The Wi-Fi symbol in the display will then flash quickly. Tap on “Confirm that the Wi-Fi symbol is flashing. Click on the “+” icon to add the heat pump. Note: The icon flashes slowly when the Wi-Fi module is connected to the Wi-Fi hotspot.

STEP 4

If the connection fails, manually re-enter the APP network configuration mode and repeat the previous steps to reconnect.

6. APP Linking Flow



2.5 GHz to 5 GHz Troubleshooting

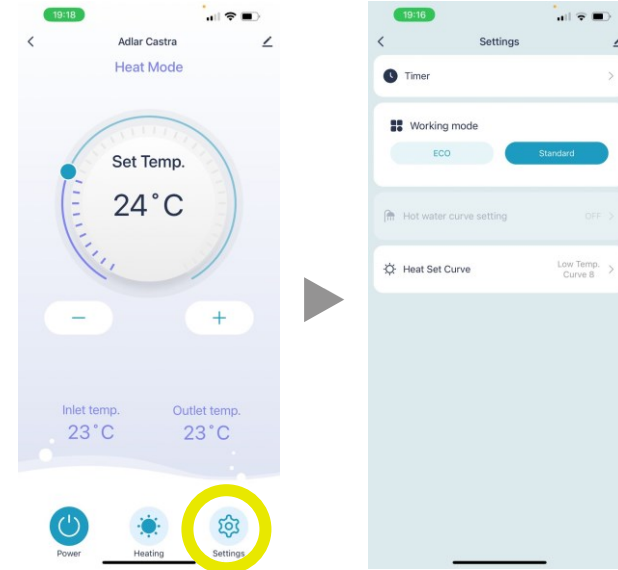
If you are having trouble connecting to the WIFI please check your internet connection is set to 2.4 GHz and not 5 GHz. 5 GHz can be disabled in your administrator settings on your home internet admin page. After the heat pump is connected you can re-enable 5 GHz frequency.

7. APP Functionality

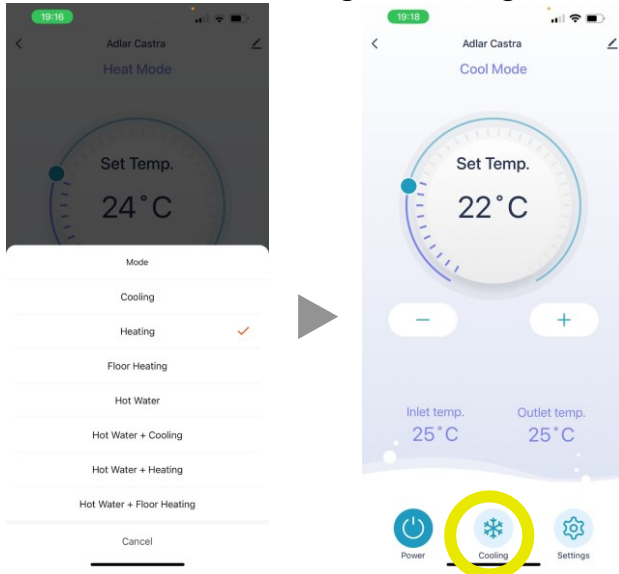
5.1 ON/OFF



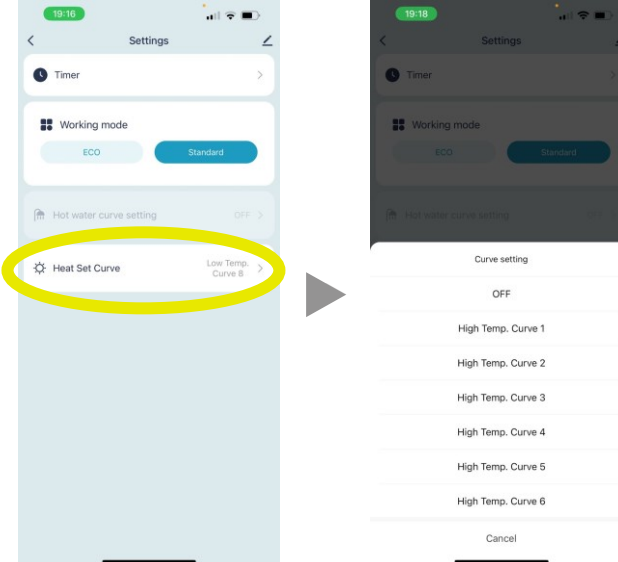
5.3 Settings

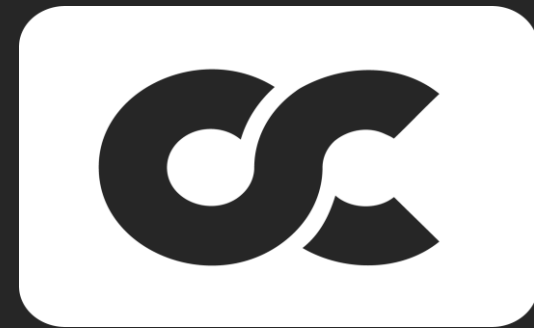


5.2 Selection of Heating or Cooling Mode



5.4 Heating Curve





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HEAT PUMP EXPERTS