



Heatwell Under Floor Ltd
0800 392 853

wHT4



HT4 Symbols

	Power On / Off
	Manual Mode
	Program Mode
	Confirm Setting
	Increase
	Decrease
	Auto Mode
	Manual Mode
	Lock
	Heating is on
FT	Floor Temperature
RT	Room Temperature

wHT4 App

The wHT4 uses the **Tuya Smart** App available for free in the Apple Store or Google Play.

The user must be registered with Tuya Smart, have the Tuya Smart App downloaded, and have wifi available to be able to use the wHT4 from your phone.

To Pair the wHT4 with the Tuya Smart App, please watch the following video.

<https://www.heatwell.co.nz/wht4-programming-videos>



wHT4 Operating

Operating the wHT4 can be done from either the Tuya Smart App or the unit itself

wHT4 Programming

The unit must be Off. If the unit is On please press the power button.

Press the **P** button

- 01** **Setting the time**
Press the up or down buttons to adjust.
Press **P** to go to the next setting or press the tick button to save
- 02** **Setting the heating temperature**

Press the up or down buttons to adjust. We recommend 26°C

Press **P** to go to the next setting or press the tick button to save

- 03** **Setting the background temperature.** This is the heat the floor will stay at until the next heating period. We recommend 18°C
Press the up or down buttons to adjust.
Press **P** to go to the next setting or press the tick button to save

- 04** **Setting the number of Programmable periods.**
Either 1 or 2 programmable periods can be set. Most people will have 2 periods (morning and evening)
Press the up or down buttons to adjust.
Press **P** to go to the next setting or press the tick button to save

- 05** **Setting the start time for the 1st programmable period.**
Press the up or down buttons to adjust.
Press **P** to go to the next setting or press the tick button to save

- 06** **Setting the finish time for the 1st programmable period.**
Press the up or down buttons to adjust.
Press **P** to go to the next setting or press the tick button to save

- 07** **Setting the start time for the 2nd programmable period.**
Will only appear if 2 programmable periods have been selected in 04.
Press the up or down buttons to adjust.
Press **P** to go to the next setting or press the tick button to save



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08 **Setting the finish time for the 2nd programmable period.**

Will only appear if 2 programmable periods have been selected in **04**.

Press the up or down buttons to adjust.

Press **P** to go to the next setting or press the tick button to save

Locking the wHT4 Thermostat

To lock the wHT4, hold your finger on the power button until the key symbol appears

To unlock the wHT4, hold your finger on the power button until the key symbol disappears.

NB The wHT4 can be locked when the unit is On or Off.

wHT4 Operational Programming

NB Only to be set during the installation of the wHT4. **This menu should never be accessed during daily operation.**

The unit must be Off. If the unit is On please press the power button.

Hold your finger on the **P** button until **10** appears

10 **Selecting Thermostat operating mode.**

The HT4 can use either a floor probe or sense the air for temperature.

If floor probes have been installed, select **F**
If there is no floor probe, or the floor probe is faulty, select **A**

Press the up or down buttons to adjust.

Press **P** to go to the next setting or press the tick button to save

11 **Selecting ohms setting for the floor probe.**

Will only appear if **F** has been selected in **10**.

Options (kOhms) include 3 / 10 / 15 / 25 / 50 / 100. Test the resistance of the floor probe and select the closest option. Most modern floor probes are 10 kOhms.

Press the up or down buttons to adjust.

Press **P** to go to the next setting or press the tick button to save

12 **Setting temperature differential**

Only change if you have proof the **RT** or **FT** are different from actual temperature.

May have to be adjusted if the Ohms of the floor probe does not match one of the HT4 settings in **11**.

Press the up or down buttons to adjust.

Press **P** to go to the next setting or press the tick button to save

Technical Information

Supply Voltage	230 ~ 240 VAC
Thermostat Voltage	5V
Maximum Capacity	16 Amps
Temperature Range	5°C ~ 35°C
Floor Sensor	Not included
IP Rating	30
Dimensions (cm)	12 x 8 x 1.8

Installation

The wHT4 comes in 3 separate parts. The thermostat, the base plate, and the electrical block.

The electrical block is easily removed from the base plate. The base plate is easily removed from the thermostat

For wiring in the electrical block, please refer to the wiring diagram below. Place the electrical block into the electrical flush box. Connect the electrical block to the back of the base plate (it is not necessary to reattach)

Using screws supplied, attach the base plate to the flush box.

Re-attach the electrical ribbon to the back of the thermostat

Re-attach the thermostat to the base plate

