

# Hotwire Thermostat Instructions



## Button and Descriptions

1	Heating temperature setting.
2	Set the automatic operating times.
3	Economy or low temperature mode setting.
4	Set the day. Hold down for 5 seconds to select every day.
5	Vacation / Holiday temperature mode setting.
6	Set the hour.
7	Increase the set value, long-press 5 seconds to lock the keys.
8	Decrease the set value, long-press 5 seconds to unlock the keys.
9	Enter / Confirm Key.
10	Select the Automatic operating mode or Manual operating mode.
11	Indicates the time frames available in <b>Auto Mode</b> .
12	RT stands for "room temperature" and FT stands for "floor temperature".
13	Heating indicator.
14	"Manu" indicates manual mode, "Auto" indicates automatic mode. In <b>Auto</b> mode, the thermostat executes the preprogrammed schedules. While in <b>Manu</b> mode, the thermostat maintains a constant set temperature manually set by the user.

## Turning your heating On Manually:

Put the Toggle Switch (15) to FT or RT.

Press the Manu / Auto button (10) until the screen (14) shows manual.

Press the "Sun" (1) The current Temperature setting will flash.

Use the up and down keys (7& 8) to adjust to the required Temperature

Around 23degC is an average but you can increase if required.

Press the confirm button. (9) the reading will return to the ambient temperature

Your Thermostat is now on and heating your floor to the desired temperature you set.

## Turning your heating Off Manually:

Put the Toggle Switch (15) to "Off".

Your thermostat and floor are both off and your floor will cool down. Any settings you have entered into the Thermostat will be maintained

## Turning your heating on and off Automatically

### Step One: Set The Time and Day:

Move the toggle switch (15) to RT or FT. Press "Clock" (6) and the time display will start flashing.

Use the up and down keys (7& 8) to adjust to the current time. Holding the buttons down will increase or decrease the time in 15 minutes increments.

Press the confirm button (9) once the time is set.

Press "Week" (4) to get to the current Day of the week.

### Step Two: Set the Desired Temperatures:

Ensure that the thermostat is on Auto (14) before amending Temperatures. To select Auto use button 10. To change the temperature settings, the temperature on the screen must be flashing.

#### You will need to set 2 Temperatures.

The Sun button will set the temperature your room or floor will heat to.

Press "Sun" (1) and the temperature will start flashing.

Use the up and down keys (7& 8) to adjust to the required temperature.

Press (9) Enter to confirm. The reading will return to ambient temperature.

#### The moon button will set the minimum temperature that will be maintained.

Press "Moon" (3) and the temperature will start flashing.

Use the up and down keys (7& 8) to adjust to the required temperature.

Press the Confirm button (9) once set to desired temperature. The reading will return to the ambient temperature.

### Step Three: Programming On and Off times:

The Thermostat has 2 different times each day that it can switch on and off IE: it can be programmed to come on and off at a specific time in the morning and then on and off at another time later in the day.

The unit comes with the factory settings as follows:

On at 6 am and off 8:30 am

On at 4 pm and off at 9 pm

To change these settings please follow these simple steps.

#### Program 1 is the time at which the system will switch on in the morning.

1. Press "Man" (2) until program 1 is displayed.

2. Hold "Week" (4) down for approx 5 seconds to select every day of the week.

\* It is much faster and easier to set the same program every day of the week. However if different settings are required each day simply repeat these steps on every day of the week.

3. Press "Clock" (6) to adjust the time.

4. Press (9) to confirm.

**Very Important:** Allow the Thermostat to reset back to today's time and date after every programming change. This will take about 5 seconds.

#### Program 2 is the time at which the system will switch off in the morning.

Press "Man" (2) until program 2 is displayed. Follow the other steps ( 2 & 3 & 4) outlined above. Remember to let the thermostat reset to todays time & date.

#### Program 3 is the time at which the system will switch on in the afternoon.

Press "Man" (2) until program 3 is displayed. Follow the other steps (2 & 3 & 4) outlined above. Remember to let the thermostat reset to todays time & date.

#### Program 4 is the time at which the system will switch off in the afternoon.

Press "Man" (2) until program 4 is displayed. Follow the other steps (2 & 3 & 4) outlined above. Remember to let the thermostat reset to todays time & date.

**HotWire**<sup>TM</sup>  
UNDER TILE HEATING

verve DISTRIBUTION

THE HEATING COMPANY  
INTERNATIONAL

#### Australia

Verve Distribution  
6 Todd St  
Port Adelaide SA 5015  
www.vervedistribution.com.au

#### New Zealand

The Heating Company  
PO BOX 420  
Whitianga NZ  
www.hotwire.co.nz

# Hotwire Thermostat Instructions


## Key Lock & Unlock

Press and hold  $\triangle$  to lock the thermostat. A lock  icon will display.

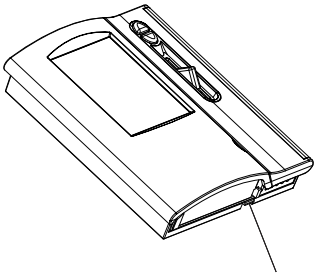
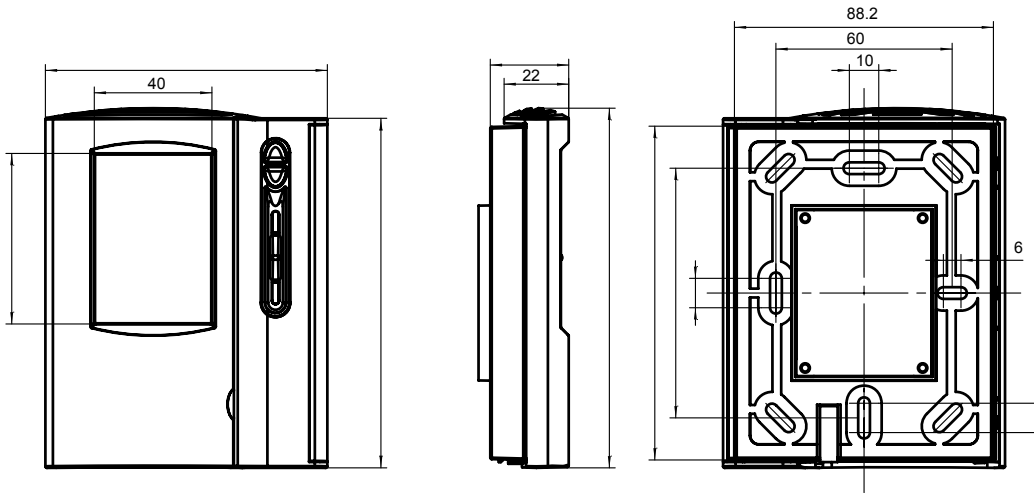
Press and hold  $\nabla$  to unlock the thermostat. The unlock  icon will display.

**\* Note** no program changes are possible while the unit is locked.

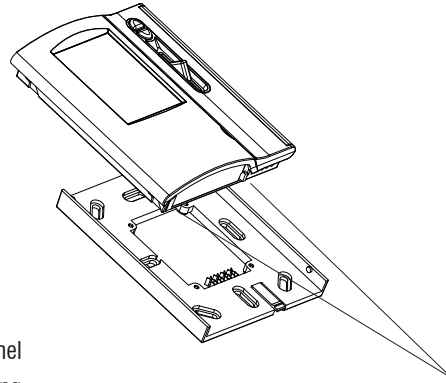
## Vacation / Holiday Mode Adjustment

Press ,  starts flashing, press  $\triangle$  or  $\nabla$  to adjust range will be 5~40 deg C). Press  $\leftarrow$  to confirm.

**\* Note** Vacation mode is used to drop the heating down to a minimum, this avoids problems relating to freezing temperatures in colder climates.



Using a screwdriver press this tab lightly, and simultaneously push the front panel upwards to release it off the back plate. Wire up the thermostat as per the wiring diagram below, then place the back plate into the flush box and tighten it with the screws provided. To replace the thermostat slide the front panel downwards onto the back plate. Please ensure that the locking mechanism is securely latched to lock the front panel onto the back plate.



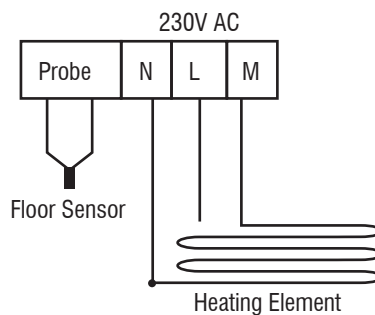
## Installing the Batteries

Squeeze these two tabs together and pull down gently.

Insert the two AAA batteries provided.

Slide the compartment back into the thermostat.

## Wiring Diagram & Technical Specifications



### Power Supply:

220Vac  $\pm 10\%$ , 50/60Hz

DC 3 V (2 x 1.5 V AAA Alkaline batteries)

**Load Capability:** <16 A, 220VAC

**Accuracy:**  $\pm 1$  deg C

**Set-point range:** ambient 5~30 deg C

floor 5~40 deg C

**Storage:** -20~50 deg C



This product should be installed by a qualified electrician.