2heat®

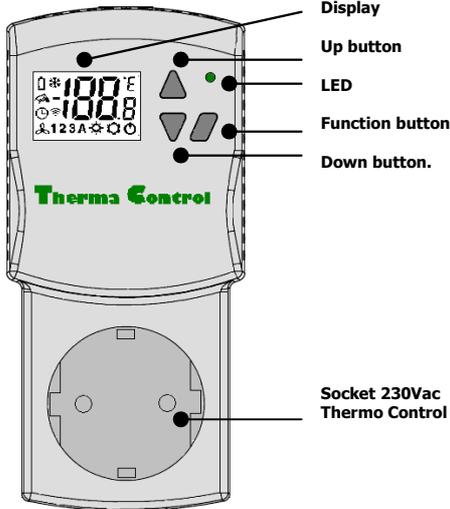## *Therma-Control Automatic pumpcontroller / thermostat with LCD clip- and bulbsensor*

INSTALLATION MANUEL PUMPCONTROLLER (appendix)

Display

Up button

LED

Function button

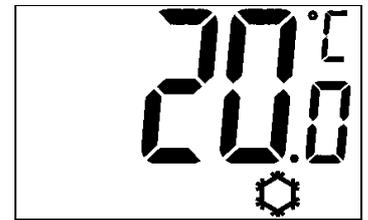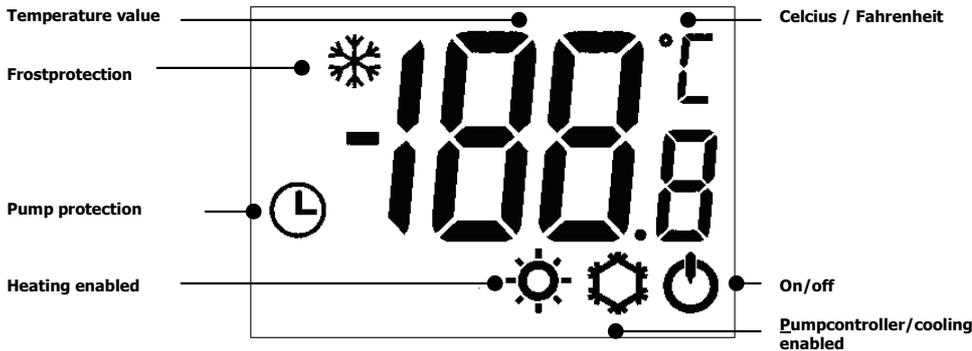**Down button.**

Socket 230Vac Thermo Control

The **2HEAT® Therma Control™** contributes to an efficient supply of hot water to the manifold, an economical use of the circulation pump and energy savings. When the boiler don't supply hot water, the circulation pump is disabled at the preset temperature. When the temperature is above the preset temperature the **Therma Control™** ensures that the circulation pump is switched on (the temperature is adjustable). The **2HEAT® Therma Control™** prevents the circulation pump from the heating season due to limescale stuck. During this period, the circulation pump is each day about 30 ~ 60 seconds into service. Application of these **2HEAT® Therma-Control™** results in electricity savings. The savings depends on the capacity of the circulation motor/pump, but the savings are aprox € 75,00 a year.

Installation of the 2HEAT Thermo Control;

1. Insert the white plug of the supplied clip sensor in the **2HEAT Therma Control**. On the right side is a recess so that it only fits one way.
2. Insert **2HEAT Therma Control** in the socket.
3. Plug the pump into the **Thermo Control**.
4. Attach the clipsensor to the supply pipe from the manifold (see picture on the left).
5. Set the desired temperature.
6. When the display indicates **-:-**, the sensor is not connected or is defective!

Temperature value

Frostprotection

Pump protection

Heating enabled

Celcius / Fahrenheit

On/off

Pumpcontroller/cooling enabled

PIC.A

SET THE DESIRED TEMPERATURE;

ON/OF function:. Press 3 sec. the FUNCTION button of the 2HEAT Thermo Control to turn it on or off, to make the desired settings the controller must be enabled. The display shows a temperature value when it is turned on.

- Press on the button to select the pompcontroller/cool function. The display must shown this icon ✿ (Pic.A). When the display shown this icon ☀ then this must be changed via the menu/function button.
- Go through the menu when the display shown this icon ✿. This icon flashes in the display.
- Press on the button ▲ or ▼ to set the desired temperature, e.g. 28℃. During the time that U set the desired temperature this icon is shown in the display. This icon disappears after a few seconds.
- After about 10 seconds, the display automatically returns to the default view (the temperature measured by the sensor).
- The icon ✿, which is shown on the display, flashes if the pump is activated. Also the LED turns green when the pump is activated.

Pump protection function;

- The **2HEAT Thermo Control** shall be activated for aprox 30 ~ 60 seconds when there was no activity for the last 24 hours. The icon ⏲ in the display shall flash and the LED turns green.

Backup memory;

- Press one of the buttons for aprox 15 seconds, the settings: set temperature, °C/°F, and on/off function shall be stored.

For further information please refer to the general instructions of the 2HEAT Therma Control.