REINA

DESIGNER RADIATORS

FLEXI Thermostatic Heating Element Instructions

On/Off	Press the top on/off button
Set temperature	Press + or – buttons
Set Booster for 2 hours	Press the button with the clock symbol
Set Booster A2 function	Press clock button and press again for A2
Screen	Set temperature is indicated on the screen
Slow flashing dot	Temperature increasing to set temperature
Fast flashing dot	Temperature is reducing to set temperature
No dot on screen	Set temperature has been reached
Lock function	Press + and – simultaneously for 3 seconds
Unlock	Press + and – simultaneously for 3 seconds

Vertical or Horizontal Use of the Thermostatic Heating Element

The factory assembly is for vertical use. If you want to use the element horizontally please see steps below:

- For use from the right side open the screws of the housing and gently remove the top. Turn the top part by 90° and carefully put the pins which you see in the second terminal strip and close the housing again with the screws.
- For use from the left side follow the above right side instructions. When the element is fixed in the radiator, switch it on and then press the – button and the clock button simultaneously for 3 seconds. The display will show now the digits correctly.

Booster Functions Explained

The clock button works in a cycle changing each time it is pressed shortly:

Booster off ⟶ Booster 2 hours ⟶ A2 function ⟶ Booster off

Booster 2hrs. = Heater works for 2 hours at full power and then reverts back to last setting used

A2 = Setting A2 at any given time will make it work like the Booster function for 2 hours but it will remembers the time. It will continue to do this every day 24 hours after the first setting of A2, provided this mode is not interrupted. Pressing the first time it starts after 23 hours next day, then always after 24 hours every following day. If a different mode is selected when A2 is set, A2 will stop.

Power Interruption during Operation of FLEXI

In case of a power failure most controllers go in a stand-by mode after the electricity is back. This means that they wait for input of the user what to do now. This is sometimes not what the user wants, because it might be cold after some time.

Another problem can appear if the user has installed a separate timer. Usually these separate timers just cut off the electric supply to the heater when the set time is over and power it on again when the set time starts. For the controller this is no different from a general electric failure, and the time is unable to work correctly.

How the Program of the FLEXI works

When electric power is off (failure or timer) the heater and controller switches off. When the power comes back on (after failure or by timer) the program of the controller always goes back to the last setting used before the loss of power and continues to work at the previous setting.

The Booster functions cannot work in this way as they are also connected to a time mode. When power is interrupted and comes back, the 2 hours Booster will start to count the 2 hours from the beginning again as there is no memory how long the booster was already working before.

The A2 mode will always start its circle of 24 hours afresh when power comes back.

The failure of electricity is something unforeseen and does not happen very often. In this case you will need to reset the Booster and the A2 mode manually or switch them off if no longer required.

The cut of the power by a timer is something different. This is expressly installed by the user to have certain conditions in the rooms at a defined time, therefore, it will conflict with the time settings of the controller in A2.

To avoid the problems in the Booster and A2 mode you should not use it when you have a timer controlling the heating unit. A better solution would be to use a thermostatic heating element with a fully integrated timer.

In normal operation when the controller is in stand-by mode and it is started from stand-by it will always start in the last mode and setting used.