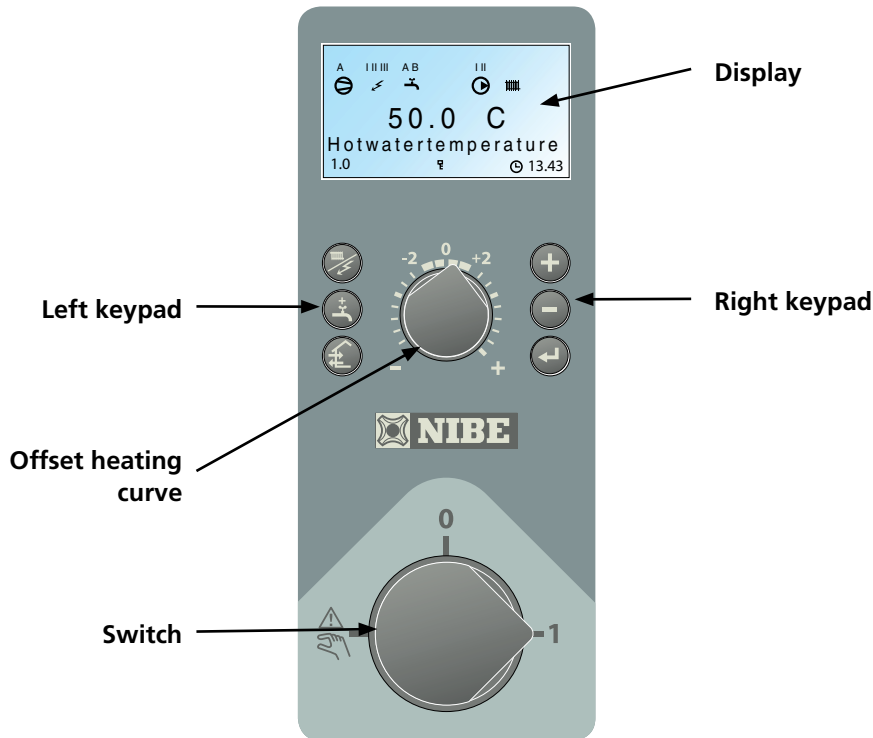


## Front panel



### Display

#### First row:

##### AB Compressor symbol



**A** together with compressor symbol, is displayed when step 1 is in operation.

**B** together with compressor symbol, is displayed when step 2 is in operation.

The compressor symbol alone indicates that the compressor is to start, but is locked due to start conditions in the air/water heat pump not being met internally, e.g. stop temperature.

##### I III III Addition. heat symbol



Indicates when the additional heater is connected. The line indicates which power step/steps are currently connected.

Only shown if immersion heater is connected

Power stage **I** is connected.

Power stage **II** is connected.

##### III Addition. heat symbol



Power stage **III** is connected. Only flashes when hot water is being heated by the electrical addition.

##### AB Hot water symbol



Indicates when the "Extra hot water" function is active.

**A** shown when 3 hour temperature increase is activated.

**B** shown when time based temperature increase is activated, periodically or time controlled.



##### Circulation pump symbol

Shown when the circulation pump in the heating system is in operation.



##### Heating system symbol

Shown when house heating with compressor is in progress.



##### Defrosting symbol

Indicates when air/water heat pump defrosting is in progress.

**Second row:** Value of the current parameter.

**Third row:** Description of current display parameter. "Hot water temp" is normally shown.

**Fourth row:** Shows the information symbols.

**1.0** Menu number.


**P** Pool charging in progress.

**⌘** Key lock activated.

## Switch

with three positions **1 – 0 –**  :

- 1** Normal mode. All control functions connected.
- 0** System fully shutdown.

 Standby mode. This mode is used in the event of operating disturbances. Additional heat output is limited depending on selected connection option. See section "Dealing with malfunctions". **NOTE! There is a risk of freezing at outdoor temperatures below 0°C.**

## Offset heating curve



This knob is used to change the heating curve's parallel offset and in doing so the room temperature.

Turning clockwise increases the room temperature.

When the knob is turned menu 2.0 is shown on the display and the value for the calculated flow temperature changes.

Also see the section Room temperature.

## Right keypad



Use **the plus button** to scroll through the menu system (forwards) or increase the value of the selected parameter.



Use **the minus button** to scroll through the menu system (backwards) or decrease the value of the selected parameter.



Use **the enter button** to select a lower menu in the menu system, to activate a parameter change as well as confirm a parameter change.

Also see the "Menu management" section.

## Left keypad



### Operating mode

This button is used to set the required operating mode with regard to permitting/blocking the circulation pump and additional energy. The change does not need to be confirmed with the enter button.

The current operating mode is shown on the display when the button is pressed and the mode changes when you continue to press the button. The display returns to the normal display mode once the enter button is pressed.

The different operating modes are:

**Auto mode:** SMO 10 automatically selects the operating mode with reference to the outdoor temperature. The circulation pump and addition are permitted to run as needed.

**Summer mode:** Only production of hot water with the air/water heat pump. The circulation pump and additional heat are blocked. However, when "Extra hot water" is activated the immersion heater is connected.

**Spring/Autumn mode:** Only production of heat and hot water with the air/water heat pump. The circulation pump is operational. Additional heat blocked. However, when "Extra hot water" is activated the immersion heater is connected.

**NOTE!** In the event of an alarm from the air/water heat pump, the different modes are not displayed.



### Extra Hot Water\*

The "Extra hot water" function is activated for a period of 3 hours using this button. The change does not need to be confirmed with the enter button.

At activation, the hot water temperature increases above the normal temperature, up to the set value.

Also see section "Function description" – "Extra hot water".



### No function.

## Key lock

A key lock can be activated by simultaneously pressing the plus and the minus buttons. The key symbol will then be shown on the display. The same procedure is used to deactivate the key lock.

\* Requires additional power before three way valve or immersion heater in hot water heater.