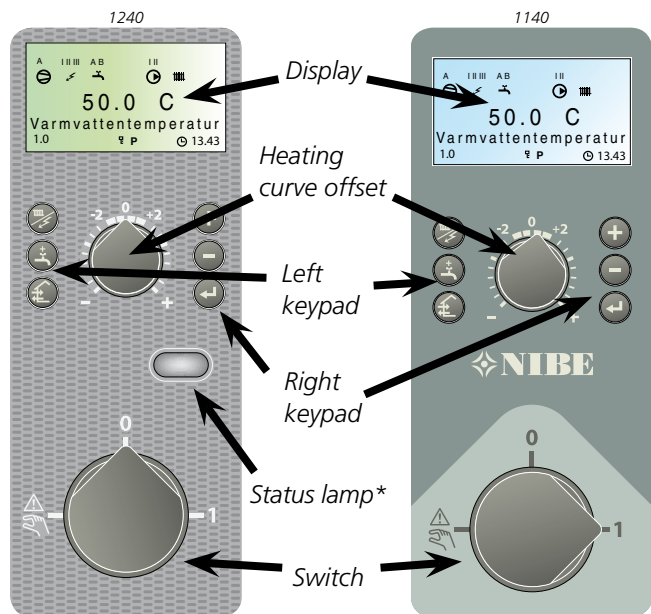


## General

The maintenance instruction describes the most important functions in FIGHTER 1140/1240. For more information see the Installation and Maintenance Instructions.

## Front Panel




## Explanation


### Switch

with three positions 1 - 0 -  :


**1** Normal mode. All control functions connected.


**0** The boilers is completely switched off.

 Standby. Only the circulation pump and possibly the electrical addition. Not connected at the factory.

The switch must not be turned to "1" or "" before filling the boiler with water.

### Display First row:

**A**  Compressor symbol  
Indicates when the compressor is operational.

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

**I** Step 1 is connected.

**II** Step 2 is connected.


**III** Step 3 is connected.

**I II** Steps 1+2 are connected.

**II III** Steps 2+3 are connected.


**I III** Steps 1+3 are connected.


**I II III** Steps 1+2+3 are connected.

**A B**  Hot water symbol.  
**Tap** is shown when the heat pump charges the hot water.

**A** is shown when a temperature increase is in progress.

**B** is shown when a time based temperature increase is in progress, for example, periodic. Factory setting is 60 °C every 14 days.


 Circulation pump symbol.  
**I** Shown when the circulation pump is operational.  
**II** Shown when circulation pump 2 is operational (accessory required).


 Heating system symbols  
Shown when house heating is in progress.

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

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

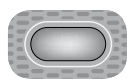
**Fourth row:** Shows menu numbers, key lock, clock symbol and time.

 A key lock can be activated in the main menu 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.

 The symbol becomes visible when a timer function is selected, for example, periodic lowering of the supply or time setting for extra hot water.

**P** Pool heating.

### Status lamp\*

 During normal operation, the status lamp lights green. In the event of an alarm, it lights red.

\*Only FIGHTER 1235

## Explanation

### 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 different operating modes are:

**Auto mode:** FIGHTER 1140/1240 automatically selects the operating mode by taking the outdoor temperature into account. The circulation pump and the immersion heater are permitted to run as needed.

**Summer mode:** Only production of hot water using FIGHTER 1140/1240. The circulation pump and immersion heater are blocked. However, when "Extra hot water" is activated the immersion heater is connected.

**Spring/Autumn mode:** Production of heating and hot water using FIGHTER 1140/1240. The circulation pump is operational. The immersion heater is disabled. However, when "Extra hot water" is activated the immersion heater is connected.

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.

**Alarmmode:** In alarm mode the operating mode changes to winter mode and additional heat engages. The alarm mode blocks hot water charging to draw attention to the alarm.



#### Extra hot water

The "Extra hot water" function is activated using this button. The change does not need to be confirmed with the enter button.

**A:** Means that the hot water temperature is increased to 60 °C (adjustable). The temperature then returns to the normal value.

When **A** comes on the function is activated.

When **A** goes out the function is deactivated.

Press once to give extra hot water for 3 hours.

Press twice to give extra hot water for 6 hours.

Press three times to give extra hot water for 12 hours.

Press four times to give extra hot water for 24 hours.

Press five times to deactivate the function.

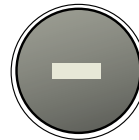
### Right keypad



#### Plus button

This button is used to scroll through the menu system (forwards) or increase the value of the selected parameter.

See the section "Control - General".



#### Minus button

This button is used to scroll through the menu system (backwards) or lower the value of the selected parameter.

See the section "Control - General".



#### Enter button

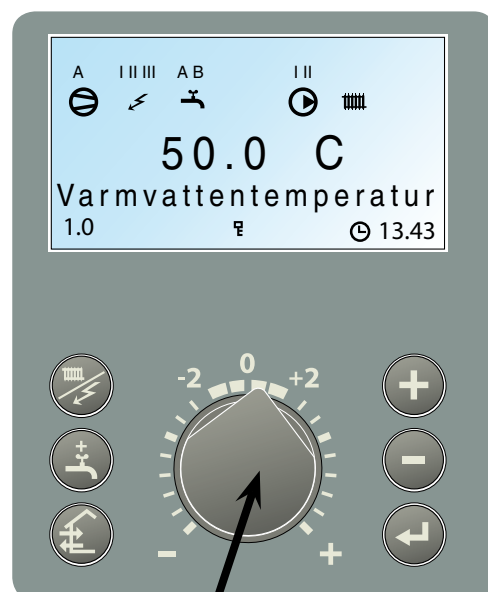
This button is used to select a lower menu in the menu system, to activate a parameter change as well as confirm a parameter change.

### Heating curve offset

#### Changing the room temperature manually.

If you want to temporarily or permanently lower or raise the indoor temperature relative to the previously set temperature, turn the "Heating curve offset" knob anticlockwise or clockwise. One up to three scale markings correspond to a change of about one degree in the room temperature.

**NOTE!** An increase in the room temperature may be "inhibited" by the radiator or floor heating thermostats, if so these must be turned up.



Heating curve offset