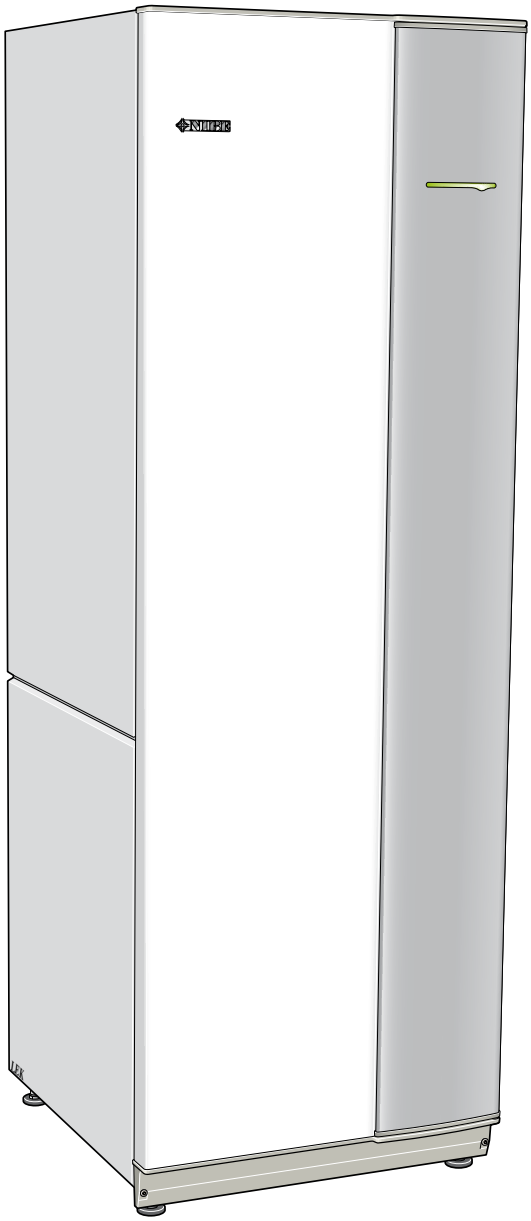
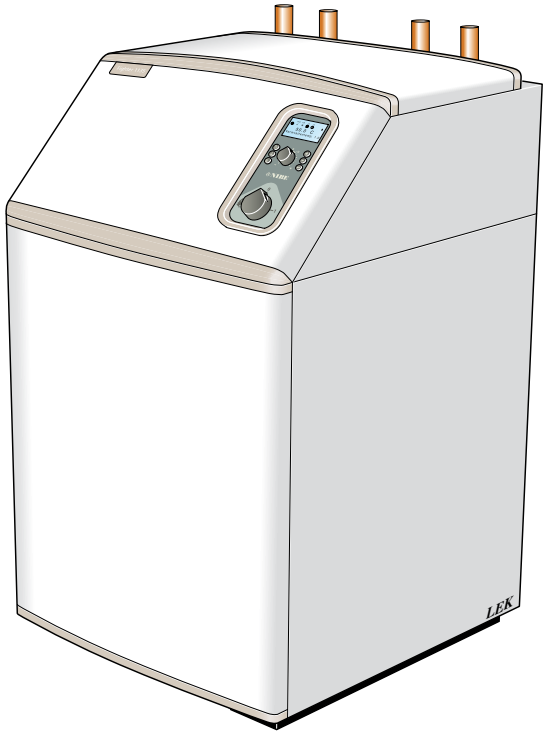
SAV GB 0703-1
FIGHTER 1140/1240
031100

MAINTENANCE INSTRUCTION

FIGHTER 1140/1240

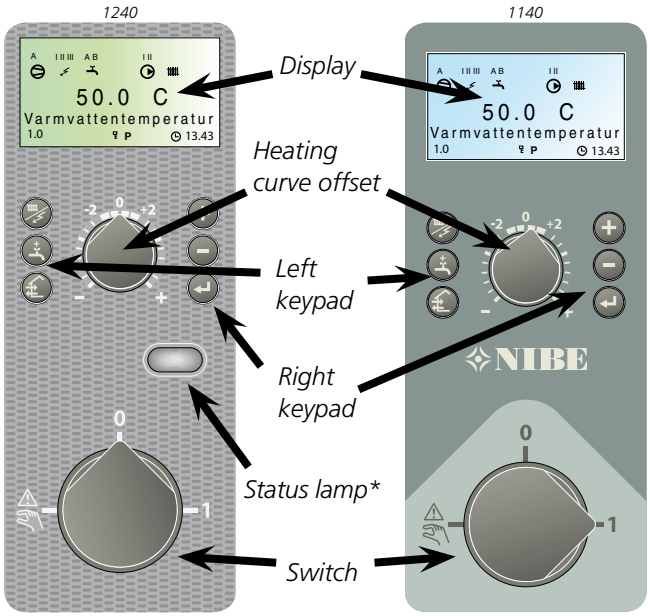




General

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.

I II III

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.

I II

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 menus 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.

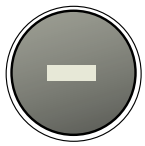
Right keypad



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

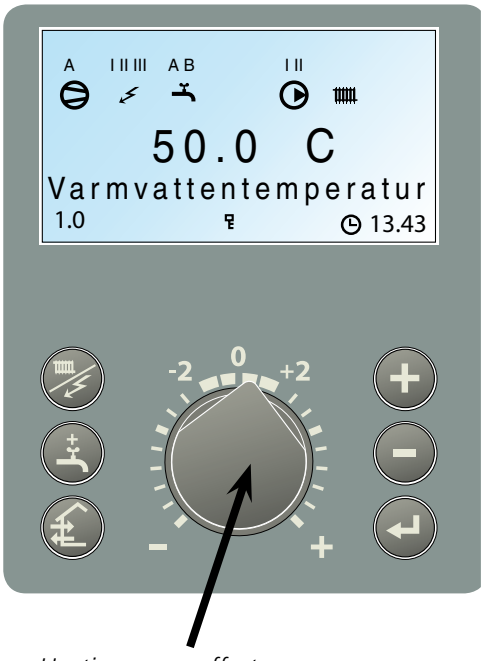
This button is used to select a lower menu in the menu system, to activate a parameter change as well as confirm a parameter change.

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

Alarm

In the event of an alarm, the status lamp lights red, the background lighting in the display flashes and the information is shown in the display depending on the error. An alarm log is created with each alarm containing a number of temperatures, times and the status of outputs. The four most recent alarms are saved on menu 9.5.0 - 9.8.0.

The alarms can only be acknowledged by switching off the heat pump for a few seconds and then starting it again.

This is done using switch (8).

When the alarm cannot be reset using the switch (8), the operating mode, "Only additional heat", can be activated in menu 9.2.4 to have access to hot water gain.

Additional heat only (electric boiler mode)

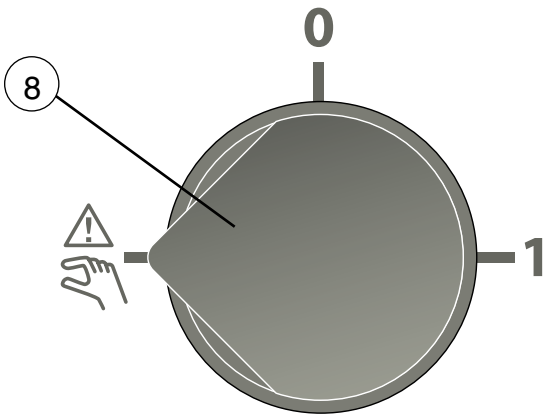
Compressor and brine pump blocked. The function can be activated/deactivated by pressing the "operating mode button" for 7 seconds.

The heat pump now produces heat and hot water with the built-in immersion heater.

Standby mode

To be able to produce heat when the heat transfer system is disconnected, or during servicing, the heat pump can be set to standby mode, in which case heating is produced only by the immersion heater. Hot water is not produced in standby mode. The compressor and heat transfer system are then shutoff and only the heat medium pump and the immersion heater are active. The temperature is controlled by the thermostat (3). To select standby mode, set the switch (8) to "".

Electrical step 2 is connected in standby mode and the display is off.



NOTE!

The product's serial number should always be stated in all correspondence with NIBE.

NIBE AB Sweden, Box 14, Järnvägsgatan 40, SE-285 21 Markaryd
Tel: +46-(0)433-73 000 Fax: +46-(0)433-73 190 E-mail: info@nibe.se www.nibe.com