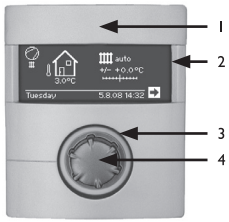
Brief description of the heat pump control

83052100aUK • We reserve the right to modify this document without prior notice.

The control unit



1 USB interface

(plug located behind the flap)

2 Screen

- one menu level higher
- one menu level lower
- save input
- cancel input

scroll bar

3 Status display

ring around the rotary pushbutton lights up **green** = system operating **properly**

ring around the rotary pushbutton lights up **green/red** = **self-resetting operational interruption**

ring around the rotary pushbutton lights up **red** = **error**

A fault message is displayed until it is acknowledged by the pushing of the "rotary pushbutton". After 7 seconds the standard screen appears automatically. Observe the notice on the screen.

4 "Rotary pushbutton"

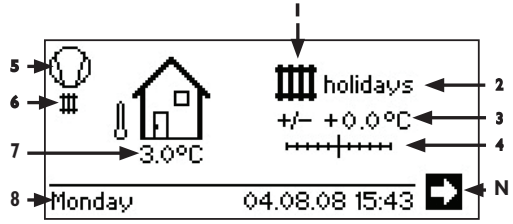
Turn =
activate symbol or menu field / set values

Push =

Select symbol or menu field / enable the entering of values and end the entering of values

Manual reset =
Push and hold the rotary pushbutton for 7 seconds

Standard screen "Heating"



1 Symbol for program area "Heating"
The symbol used for the heating indicates that the adjoining displays and setting options are only relevant to the heating. However, you can press the symbol to switch between the different supply types of the heat pump.

2 Current mode of heating operation
Auto(matic), Holidays, 2 hg (with second heat generator) , Off or Party.

3 Digital temperature display
Shows the extent to which the hot water return flow temperature is to deviate from that of the set heating curve.
Maximum value of the potential deviation: ± 5 °C

4 Temperature scale
Shows in graphical form the extent to which the hot water return flow temperature is to deviate from that of the set heating curve.
Maximum value of the potential deviation: ± 5 °C

5 Compressor
The compressor symbol will turn for as long as the compressor is running.

6 Current operating condition

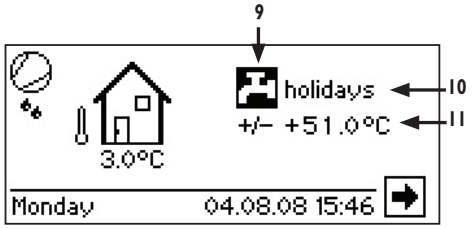
- Heating
- Hot water
- Screed heating program
- Defrosting
- Electr. suppl.
- Pump flow (only BW and WW)
- Fault
- Cooling

7 Current outside temp.

8 Date and time

N Navigation arrow
here: Change to the navigation screen

The standard screen "Domestic hot water"

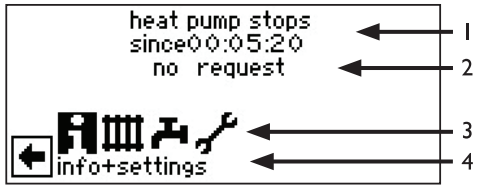


9 Symbol for program area "Domestic Hot Water"
Indicates that domestic hot water functions are controlled in the standard screen.

10 Current mode of domestic hot water operation
Auto(matic), Holidays, 2 hg (with second heat generator) , Off or Party.

11 Set temperature for heating hot water

The Navigation Screen



1 Current operating state of the heat pump with time indication

2 Reason for the current operating state or fault message

3 Symbols for the program areas of the heating and heat pump regulator
Standard symbols which are always displayed are:

- Leads to the "Information and Quick Settings" menu (for all users)
- Leads to program area "Heating" (for fitters)
- Leads to program area "Domestic Hot Water" (for fitters)
- Leads to program area "Service" (for customer service)

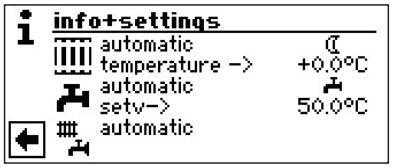
Further symbols may appear depending on either the configuration and programming of the heating and heat pump regulator, or the heat pumps themselves.

4 Information on the activated symbol.

"Information and Quick Setting" menu

① Select the symbol ℹ …

② The screen changes to the menu "Info + and settings".



"Heating" menu
select in order to change the operating mode, programmed times or heating temperature.

"Domestic hot water" menu
select in order to change the operating mode, shut-off times or set temperature.

"Complete System" menu
select to specify the common operating mode for heating, hot water (and, if available, for swimming pools).

Automatic **menu field displays the current mode of operation**
select in order to move to the "Operating mode" menu. Define operating mode.

daytime mode = heating is raised

nighttime mode = heating is lowered
select in order to move to the programmed times menu for the heating. Define daytime mode times here.

Temperature -> activate in order to change the heating temperature (hot water return flow).
Input by means of "Rotary pushbutton"
Value range: -5 °C – 5 °C

Hot water stoppage

Water heating
select in order to move to the programmed times menu for water heating. Define hot water stoppage times here.

Setv -> select in order to change the set temperature of the hot water.