



Operating instructions for the end customer

Remote controller RT 800



0010037738-003



Table of contents

1 Explanation of symbols and safety instructions 3

1.1 Explanation of symbols 3

1.2 General safety instructions 3

2 Product information 3

2.1 Product description 3

2.2 Overview, control elements and displays 4

3 Operation and setting of the most important functions 5

3.1 Menu “Overview” 5

3.1.1 Keylock. 5

3.2 Menu “Hybrid system” (only with hybrid system) 5

3.2.1 5

3.2.2 Update the energy prices 5

3.3 Menu “Heating” in the standard system 5

3.3.1 Changing the room temperature 5

3.3.2 Changing the operating mode 6

3.3.3 Set the time program 6

3.3.4 Change the temperatures for Heating, Setback and Cooling 7

3.4 Menu “Heating” with ventilation-based heating (VBH) 7

3.4.1 Changing the room temperature 7

3.4.2 Changing the operating mode 7

3.4.3 Set the time program 7

3.4.4 Change the temperatures for Heating and Setback. 7

3.5 Menu “2nd heating circuit” 7

3.6 Menu “Hot water” 7

3.6.1 Temporarily increase the DHW temperature 7

3.6.2 Set operation mode for DHW heating 8

3.6.3 Set the time program 8

3.7 Menu Ventilation 8

3.7.1 Changing the operating mode 8

3.7.2 Changing the ventilation level. 8

3.7.3 Set the time program 8

3.8 Menu “Holiday” 8

3.8.1 Enter Holiday period 8

3.8.2 Set details for the holiday function. 8

3.9 Menu “Away” 9

3.10 Menu “Energy monitoring” 9

3.10.1 Produced energy share. 9

3.10.2 Consumed energy. 9

3.10.3 Produced energy. 9

3.10.4 Efficiency. 9

4 Menus 10

4.1 Menu “Overview” 10

4.2 Menu “Hybrid system” 11

4.3 Menu “Heating” for standard or hybrid systems 11

4.4 Menu “Heating” for heat pumps (includes cooling functions) 12

4.5 Menu “Heating” with ventilation-based heating (VBH) 12

4.6 Menu “2nd heating circuit” 13

4.7 Menu “Hot water” 13

4.8 Menu “Ventilation” 14

4.9 Menu “Pool” 14

4.10 Menu “Solar” 14

4.11 Menu “Holiday” 15

4.12 Menu “Away” 15

4.13 Menu “Energy monitoring” 15

5 GB Importer 15

6 Regulations..... 16

7 Environmental protection and disposal 16

1 Explanation of symbols and safety instructions

1.1 Explanation of symbols

Warnings

In warnings, signal words at the beginning of a warning are used to indicate the type and seriousness of the ensuing risk if measures for minimizing danger are not taken.

The following signal words are defined and can be used in this document:

 **DANGER**
DANGER indicates that severe to life-threatening personal injury will occur.

 **WARNING**
WARNING indicates a hazardous situation which, if not avoided, could result in serious personal injury or danger to life.

 **CAUTION**
CAUTION indicates a hazardous situation which, if not avoided, could result in minor to moderate personal injury.

NOTICE
ATTENTION indicates that material damage may occur.

Important information

 _____
The info symbol indicates important information where there is no risk to people or property.

1.2 General safety instructions

Notices for the target group

These operating instructions are intended for the operator of the product.

All instructions must be observed. Non-observance can result in serious personal injury with potentially fatal consequences as well as damage to property and the environment.

- ▶ Read and retain the operating instructions (heating controller, etc.) prior to operation.
- ▶ Observe the safety instructions and warnings.
- ▶ Carry out cleaning and maintenance at least once a year at the specified intervals. Also check when you do so that the entire system is in proper working order.
- ▶ Immediately remedy any defects identified.

Intended use

- ▶ Use the product only to control the heating and ventilation units.

All other use is considered unsuitable. We accept no liability for damage caused through incorrect use.

Risk of scalding at the DHW draw-off points

- ▶ If DHW temperatures above 60 °C are set or if thermal disinfection is activated, a mixer must be installed. If in doubt, ask your installer.

Damage caused by frost

The system can freeze if it is switched off:

- ▶ Observe the notices regarding frost protection.
- ▶ Due to the additional functions, e.g. DHW heating or pump anti-seizure protection, the system should always be left on.
- ▶ Have faults rectified immediately.

2 Product information

2.1 Product description

The RT 800 is a remote control for the control of heating systems using control panel UI 800.

 _____
The complete usage of all options of the heating system is only possible via the complete combustion UI 800.

2.2 Overview, control elements and displays

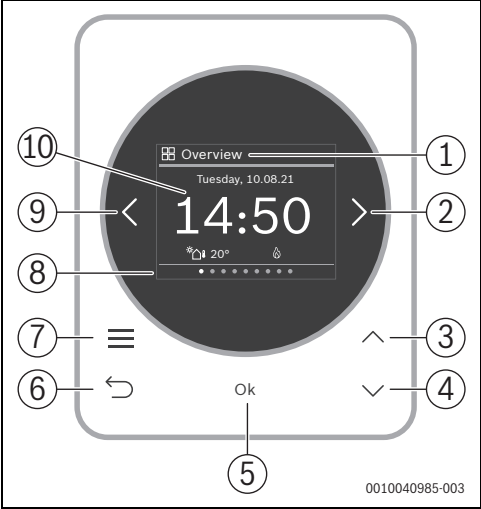


Fig. 1 RT 800

Key to Fig. 1:

- [1] Menu name
- [2] Next menu
- [3] Increase value / navigate in settings
- [4] Reduce value / navigate in settings
- [5] Confirm value / select settings
- [6] Exit menu-specific settings / back
- [7] Display menu-specific settings
- [8] Menu item display
- [9] Previous menu
- [10] Main display

The functions of the RT 800 are summarised by topic in the menu. For example, the settings for DHW heating can be called up with the  key in the **Hot water** menu.



Depending on the system configuration, all menus are not displayed.

There is no conventional service menu. All parameters are defined in the menu-specific settings. Depending on the configuration of the UI 800 single-family house or multi-family house, the entire system or only the respective heating circuit can be controlled.

- With the < and > keys, change between the menus: < **Overview** >> **Heating** >> **2nd heating circuit** >> **Hot water** >> ... >> **Holiday** >> **Away** >
- With the  key, call up the menu-specific settings of the current menu selected.
- Using the  and  keys, change and select settings.
- Press **OK** to confirm selection and settings.
- Exit settings with the  key.

Flashing values can be changed using the  and  keys.

Symbols in the header

Symbol	Meaning
	System is in regular operation.
	Connection to the Internet exists.
	Parental control is activated.
	Warning! There is a pending fault.
	Emergency mode is activated.
	Output restriction of the heat pump by the grid operator is active (e.g. via EEBUS).
	Low-noise mode of the heat pump is activated.

Table 1

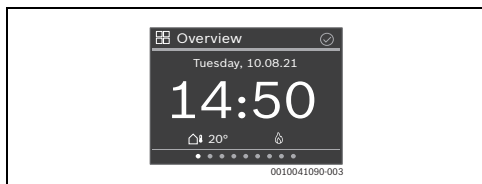
Idle state

After 5 minutes without being operated, the RT 800 switches the display to idle state. The display is switched off or its brightness is reduced and a screensaver is activated. This screensaver shows the room temperature and humidity, and possibly the outside temperature and the fault symbol.

- To deactivate idle state: press any key.

3 Operation and setting of the most important functions

3.1 Menu "Overview"



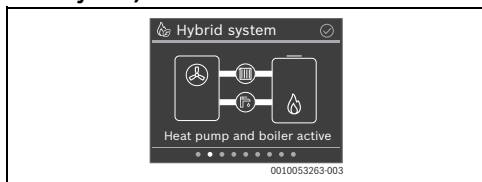
3.1.1 Keylock

- ▶ Press the  key.
- ▶ Use the  key to navigate to **Keylock** and select with **OK**.
- ▶ Set using the  and  **Activate** Keys and confirm with **OK**.

The keylock is active after 30 seconds if no actions are taken and is indicated with the  symbol in the display.

- ▶ To deactivate the keylock: press the  and  keys simultaneously for 3 seconds.
The keylock is activated again automatically if no actions are taken after approx. 30 seconds.
- ▶ To disable the keylock permanently: during the 30 seconds, set using the  and  **Deactivate** Keys and confirm with **OK**.
The  symbol is not longer displayed.

3.2 Menu "Hybrid system" (only with hybrid system)



The display shows the heat pump on the left and the gas heat generator on the right. The heat pump provides heat for heating and in doing so, consumes energy from the environment (ambient air) and current. The gas heat generator provides heat for heating as well as DHW and for this purpose, mainly consumes gas and some current.

3.2.1

Depending on the heating system installed, various hybrid strategies (control strategies) can be set:

- **Cost-optimised**: Depending on the external conditions (outside temperature, set flow temperature, energy prices, etc.), the currently more cost-effective heating appliance is used.

- **Most climate friendly** : Wherever possible, the more environmentally friendly heat source is used.
- **Bivalent alternative**: Depending on the outside temperature, the system switches between heat pump and gas heat generator.
- **Heat pump optimised**: The heat pump is preferably used. The gas heat generator is switched on when required.
- **Heat pump preferred**: The gas heat generator is switched on only if the general conditions are outside the operating condition of the heat pump.
- **Boiler only**: Only the gas heat generator is used.

To change the hybrid strategy:

- ▶ In the **Hybrid system** menu, press the **OK** key.
- ▶ Mark the desired hybrid strategy with the  and  keys and select with **OK**.

When changing to **Cost-optimised** for the first time, energy prices must be specified.



The hybrid strategy **Cost-optimised** is calculated from these energy prices:

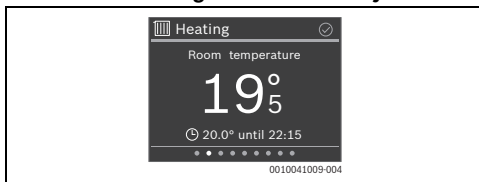
- ▶ Keep the energy prices up-to-date.

3.2.2 Update the energy prices

To update the saved energy prices:

- ▶ In the **Hybrid system** menu, press the  key, navigate with the  key to **Energy prices** and select with the **OK** key.
- ▶ Navigate to the desired energy price with the  and  keys and select with **OK**.
- ▶ Enter the current energy price and confirm with **Ok**.

3.3 Menu "Heating" in the standard system



3.3.1 Changing the room temperature

- ▶ Using the  and  keys, set the desired room temperature and confirm with **OK**.

3.3.2 Changing the operating mode

The operating mode can be changed between automatic mode and manual operation, or switched off completely.

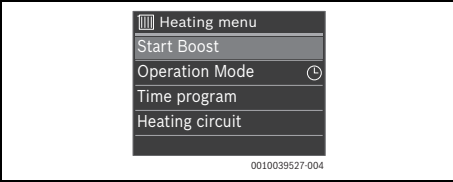
- ▶ Press the **OK** key.
- or-
- ▶ Press the  key.
- ▶ If required, use the  key to navigate to **Heating** and select with **OK**.
- ▶ Use the  key to navigate to **Operation mode** and select with **OK**.
- ▶ Mark the desired operating mode with the  and  keys and select with **OK**.

3.3.3 Set the time program

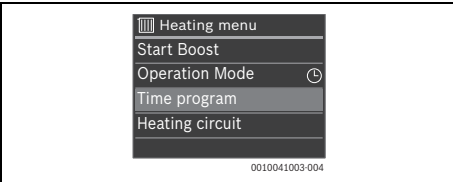


This description applies for heating systems without cooling. This applies analogously also for the time program in other menus.

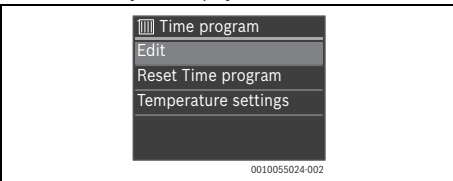
- ▶ Press the  key. The display shows:



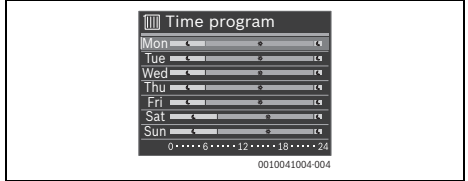
- ▶ Press the  key twice. The display shows:



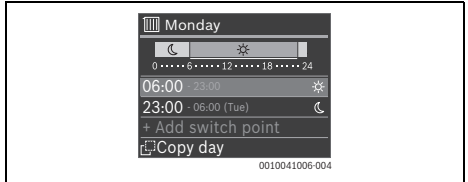
- ▶ Press the **OK** key. The display shows:



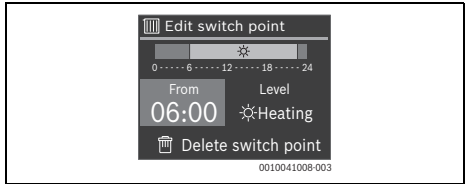
- ▶ Press the **OK** key. The display shows:



- ▶ Using the  and  keys, navigate to the desired day of the week and select this with **OK** (here, **Monday**). The display shows:



- ▶ Mark the desired switching time with the  and  keys and select this with **OK**. The display shows:



Depending on the system configuration, **Temperature** is displayed instead of **Level**.

To change the switching time:

- ▶ Press the **OK** key.
The switching time flashes.
- ▶ Using the  and  keys, set the desired switching time and confirm with **OK**.

To change **Level/Temperature**:

- ▶ If necessary, use the  and  keys to navigate to **Level / Temperature** and press the **OK** key.
Level / Temperature flashes.
- ▶ Using the  and  keys, set the desired **Level / Temperature** and confirm with **OK**.

To delete the switching time.

- ▶ Use  key to navigate to **Delete switch point**.
- ▶ Delete the switching point with **OK** and confirm the safety query with **OK**.

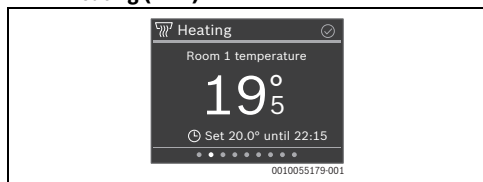
3.3.4 Change the temperatures for Heating, Setback and Cooling

- Press the  key.
- If required, use the  key to or navigate to **Heating or Cooling** and select with **OK**.
- Use the  key to navigate to **Time program** and select with **OK**.
- Use the  key to or navigate to **Temperature settings** or **Temperature** and select with **OK**.
- If required, mark the desired temperature level with the  and  keys and select with **OK**.
- Using the  and  keys, set the desired temperature and confirm with **OK**.



If there is a heat pump with cooling function in the heating system, the system automatically switches to cooling mode depending on the values set at **Season switch mode**. The header in the display shows the symbol for cooling .

3.4 Menu “Heating” with ventilation-based heating (VBH)



3.4.1 Changing the room temperature

- Using the  and  keys, set the desired room temperature and confirm with **OK**.

3.4.2 Changing the operating mode

The operating mode can be changed between automatic mode and manual operation, or switched off completely.

- Press the **OK** key.

-or-

- Press the  key, navigate with the  key **Heating circuit settings** and select with the **OK** key.
- Select **Operation mode** with **OK**
- Mark the desired operating mode with the  and  keys and select with **OK**.

3.4.3 Set the time program

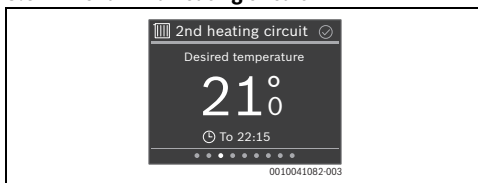
- Press the  key, navigate with the  key **Heating circuit settings** and select with the **OK** key.
- Use the  key to navigate to **Time program** and select with **OK**.

- Select **Time program** with **OK** and set the time program (→ Chapter 3.3.3).

3.4.4 Change the temperatures for Heating and Setback

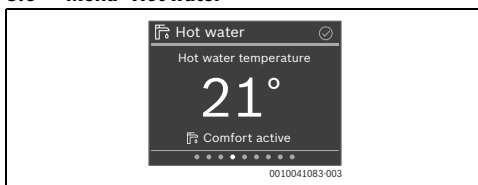
- Press the  key, navigate with the  key **Heating circuit settings** and select with the **OK** key.
- Use the  key to navigate to **Time program** and select with **OK**.
- Use the  key to navigate to **Temperature settings** and select with **OK**.
- Mark the desired temperature level with the  and  keys and select with **OK**.
- Using the  and  keys, set the desired temperature and confirm with **OK**.

3.5 Menu “2nd heating circuit”



If a second heating circuit is allocated, in the **2nd heating circuit** menu, you can make the necessary settings analogously to the **Heating** menu (→ Chapter 3.3).

3.6 Menu “Hot water”



3.6.1 Temporarily increase the DHW temperature

For heating systems without heat pump:

- Using the  and  keys, set the desired room temperature and confirm with **OK**.

For all heating systems:

- Press the  key.
- Select **Start Extra Hot water** with **OK**.
- Using the  and  keys, set the elapsed time and confirm with **OK**.
- Using the  and  keys, set the level and confirm with **OK**.

3.6.2 Set operation mode for DHW heating

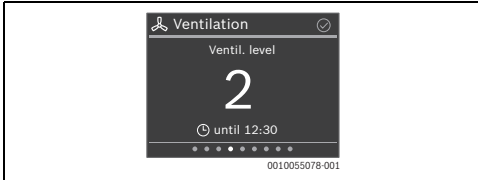
The operating mode can be changed between economical mode and comfort mode, or switched off completely.

- ▶ Press the **OK** key.
- or-
- ▶ Press the  key, navigate with the **▼** key **Operation mode** and select with the **OK** key.
- ▶ Mark the desired operating mode for DHW heating with the **▼** and **▲** keys and select with **OK**.

3.6.3 Set the time program

- ▶ Press the  key.
- ▶ Use the **▼** key to navigate to **Time program** and select with **OK**.
- ▶ Select **Time program** with **OK** and set the time program (→ Chapter 3.3.3).

3.7 Menu Ventilation



3.7.1 Changing the operating mode

The operating mode can be switched between 4 operating modes.

- **Scenario** (**Sleep**, **Intensive**, **Bypass**, **Party**, **Fireplace**)
- **Auto**
- **Manual**
- **Demand**

- ▶ Press the **OK** key.

-or-

- ▶ Press the  key and select **Operation mode** with **Ok**.
- ▶ Mark the desired operating mode with the **▼** and **▲** keys and select with **OK**.

3.7.2 Changing the ventilation level



Changing the ventilation level is possible only in **Manual** operating mode

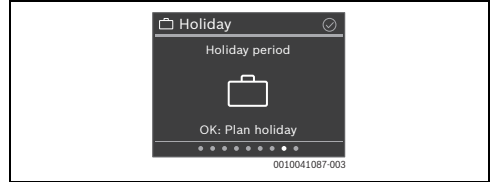
- ▶ Using the **▼** and **▲** keys, set the desired ventilation level and confirm with **OK**.

3.7.3 Set the time program

- ▶ Press the  key, navigate with the **▼** key **Heating circuit settings** and select with the **OK** key.
- ▶ Use the **▼** key to navigate to **Time program** and select with **OK**.
- ▶ Select **Time program** with **OK** and set the time program (→ Chapter 3.3.3).

3.8 Menu “Holiday”

In the **Holiday** menu, before a planned longer absence, the operation of the heating system can be set in detail.



3.8.1 Enter Holiday period



Maximum 8 holiday periods can be defined.

- ▶ Press the **OK** key or  key.
- ▶ If one holiday period has been created: select **New period** and confirm with **OK**.
- ▶ Enter the date and time the holiday starts and confirm each with **OK**.
- ▶ Enter the date and time the holiday ends and confirm each with **OK**.

The holiday function starts automatically at the time specified.

At the end of the set holiday period, the **Holiday** function ends automatically and the heating system returns to normal mode.

3.8.2 Set details for the holiday function

- ▶ Press the  key.
- ▶ Use the **▼** key to navigate to **Advanced settings** and select with **OK**.
- ▶ Navigate to the desired setting with the **▼** and **▲** keys and select with **OK**.
- ▶ Select the setting with the **▼** and **▲** keys, select or deselect with **OK** and confirm with **OK**.

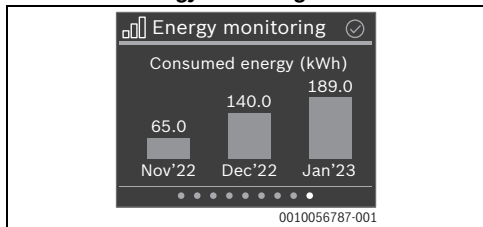
3.9 Menu “Away”

In the **Away** menu, for a spontaneous longer absence, you can easily and quickly switch the heating system to an energy-saving mode.



- ▶ Before leaving the flat/house: press the **Ok** key and if necessary, confirm with **OK**.
The display shows **Away**.
- ▶ After returning to the flat/house: press the **OK** key.
The display shows **Present** and the heating system returns to normal mode.

3.10 Menu “Energy monitoring”



The display shows the energy consumed in kWh.

For some types of gas heat generators, the gas consumption is estimated and can therefore deviate from the actual gas consumption measured by the utility company. For this purpose, the values in the control unit can be adjusted using a correction factor.

Energy is consumed either in the form of current (heat pump) or gas (gas heat generator).

The heat pump only generates heat for heating, the gas heat generator can provide heat for heating and DHW.

3.10.1 Produced energy share

The energy generated is used for heating and DHW heating. The proportion of energy generated is displayed depending on the source on an annual basis and the total since commissioning as a percentage:

- **Solar:** Energy obtained from the solar thermal system from solar exposure. This is available for free.
- **Heat recovery:** Energy obtained from the heat exchanger in the ventilation unit. Without the heat exchanger, this would have been released into the environment unused as waste heat.

- **Environment:** energy drawn by the heat pump from the ambient air. This is available for free.
- **Heat pump:** energy drawn from the electric consumption of the heat pump.
- **Gas appliance:** energy obtained through gas consumption.

3.10.2 Consumed energy

This menu displays the thermal energy in kWh consumed by the heat pump and the gas heat generator. It corresponds to the energy supplied by the energy supply company in the form of current and gas.

3.10.3 Produced energy

This menu displays the thermal energy in kWh consumed by the heat pump and the gas heat generator.

3.10.4 Efficiency

This menu shows the efficiency of the heat pump and the gas heat generator in generating heat.

The heat pump uses the free energy available from the ambient air and “pumps” it to a higher temperature. It consumes current to do this. The total heat energy achieved is greater than the electric energy used. The efficiency is greater than 1 and is called the coefficient of performance. For example, the heat pump can generate 4 kWh of heat energy from one kWh of energy using the energy from the ambient air. In this case, the coefficient of performance would be 4.

As more energy is available in the ambient air in summer, the coefficient of performance of the heat pump is higher in summer than in winter. The average value of all measured coefficients of performance over a year is called the annual coefficient of performance. This is displayed in the menu for the heat pump.

The efficiency of the wall mounted conventional gas boiler is displayed as a percentage. It is usually less than 100 %, as conversion losses occur when converting gas into heat.

4 Menus



Menus may not be displayed depending on the system configuration.

- If necessary, navigate to the desired menu using the < and > keys.
- Call up the list of submenu using the  key.



Chapter 3.3.3 shows a detailed example for operation.

4.1 Menu “Overview”

Menu item	Description
Heat pump	
Season switch	There are 3 different settings for the summer/winter changeover: • Auto: The heating or cooling mode is activated depending on the outdoor temperature. • Heating: heating mode is always active. However, heating only takes place if the room temperature is too cold. • Cooling: cooling mode is always active. However, cooling only takes place if the flat is too hot. Heating off from: setting the outdoor temperature where heating no longer takes place. Cooling on from: setting the outdoor temperature where cooling takes place.
Auxiliary heater	The operating mode and a time program for the electric booster heater can be defined.
Low-noise operation	• Operation mode • Time period: From/To • Power reduction: Setting the output and thus the reduction of noise
HP Information	Displays various statuses and temperatures of the heat pump.
Information	
No active errors/ Active errors	If necessary, indicates faults.

Menu item	Description
System	Indicates the status of diverse system components.
Boiler data	Indicates various data of the gas heat generator.
Energy monitoring	Indicates various data of energy efficiency.
Internet	Indicates various data of internet-ready.
Operation manual	
	Displays a QR code that links to a website with instructions for RT 800.
Display settings	
	If the indication in the display is difficult to see due to the lighting conditions, adapt the brightness of the display (10 ... 60 ... 100 % for operation, 5 ... 10 ... 55 % or Off for screensaver).
Language	
	You can change the language of the menus and menu items.
Date & time	
	Various settings for the date and time.
Temp. sensor calibration	
	If the room temperature displayed is not accurate, correct deviations by up to ± 3 K (°C).
Keylock	
	Permanently activate or deactivate the keylock (→ Chapter 3.1).
Product information	
	Indicates the product name and software version.
Factory reset	
	Only for an expert! All remote control settings are reset. Then the remote control must be connected with the heating system and configured again.

Table 2

4.2 Menu “Hybrid system”

Menu item	Description
Hybrid strategy	
	There are 6 different hybrid strategies: • Cost-optimised • Most climate friendly • Bivalent alternative • Heat pump optimised • Heat pump preferred • Boiler only
Start low-noise operation/Stop low-noise mode operation	
	When starting low-noise mode, Reduced power or Heat Pump off can be set.
Energy prices	
	The hybrid strategy Cost-optimised takes into account the energy prices entered here: • Gas price • Oil price • Electricity price • PV feed-in tariff Help displays information on energy prices.
Reminder function	
	This function reminds you to keep the energy prices entered up to date. An optimum hybrid strategy can only be Cost-optimised with up-to-date energy prices.

Table 3

4.3 Menu “Heating” for standard or hybrid systems

Menu item	Description
Start Boost (Stop Boost)	
	Starts (or ends) the time-limited increase of the room temperature. The duration can be set to 1 ... 8 hours.
Operation mode	
Off	Heating off.
Manual	Heating with constant temperature
Auto	Heating with time program
Time program	
Time program	Depending on the heating system, 2 – 6 switching times can be set for each day. The minimum duration of a heating phase is 15 minutes.
Reset	Restores all switching times to the factory settings.
Hot water settings	Setting the temperatures for heating and lowering.
Season switch	
Season switch	There are 3 different settings for the summer/winter changeover: • Off: the heating is switched off. • Auto: the heating or if necessary, the cooling mode is activated depending on the outdoor temperature. • Always winter/heating mode: heating mode is always active. However, heating only takes place if the room temperature is too cold.
Heating off from	Setting the outdoor temperature where heating no longer takes place.
Heating circuit	
	Indicates the heating circuit that is allocated to this menu.

Table 4

4.4 Menu “Heating” for heat pumps (includes cooling functions)

Menu item	Description
Start Boost (Stop Boost)	
	Starts (or ends) the time-limited increase of the room temperature. The duration can be set to 1 ... 8 hours.
Heating	
Operation mode	There are 3 different operating modes for heating: • Off • Manual: Heating with constant temperature • Auto: Heating controlled by time program
Time program	• Edit: Depending on the heating system, 2 – 6 switching times can be set for each day. The minimum duration of a heating phase is 15 minutes. • Reset: Restores all switching times to the factory settings. • Hot water settings: Change the temperatures for Heating and Setback.
Cooling	
Cooling mode	There are 3 different operating modes for the cooling mode: • Off • Manual: Cooling with constant temperature • Auto: Cooling according to time program
Time program	• Edit: Depending on the heating system, 2 – 6 switching times can be set for each day. The minimum duration of a cooling phase is 15 minutes. • Reset: Restores all switching times to the factory settings. • Temperature: Setting the temperature for Cooling.
Season switch	

Menu item	Description
Season switch	There are 3 different settings for the summer/winter changeover: • Auto: The heating or cooling mode is activated depending on the outdoor temperature. • Heating: heating mode is always active. However, heating only takes place if the room temperature is too cold. • Cooling: cooling mode is always active. However, cooling only takes place if the flat is too hot.
Heating off from	Setting the outdoor temperature where heating no longer takes place.
Cooling on from	Setting the outdoor temperature where cooling takes place.
Heating circuit	
	Indicates the heating circuit that is allocated to this menu.

Table 5

4.5 Menu “Heating” with ventilation-based heating (VBH)

Menu item	Description
Room XXX reheater	
	Setting whether a reheater is present for room XXX.
Set Room XXX temp.	
	Setting of the desired room temperature for room XXX.
Heating circuit settings	
Heating	• Operation mode: There are 3 different operating modes for heating: – Off – Manual: Heating with constant temperature – Auto: Heating controlled by time program • Time program – Edit: Depending on the heating system, 2 – 6 switching times can be set for each day. The minimum duration of a heating phase is 15 minutes. – Reset: Restores all switching times to the factory settings. – Hot water settings: Change the temperatures for Heating and Setback.

Menu item	Description
Cooling	• Cooling mode: There are 3 different operating modes for the cooling mode: – Off – Manual: Cooling with constant temperature – Auto: Cooling according to time program • Time program – Edit: Depending on the heating system, 2 – 6 switching times can be set for each day. The minimum duration of a cooling phase is 15 minutes. – Reset: Restores all switching times to the factory settings. – Temperature: Setting the temperature for Cooling.
Season switch	• Season switch: there are 3 different settings for the summer/winter changeover: – Auto: The heating or cooling mode is activated depending on the outdoor temperature. – Heating: heating mode is always active. However, heating only takes place if the room temperature is too cold. – Cooling: cooling mode is always active. However, cooling only takes place if the flat is too hot. • Heating off from: setting the outdoor temperature where heating no longer takes place. • Cooling on from: setting the outdoor temperature where cooling takes place.
Heating circuit temp.	Setting the temperature of the heating circuit for ventilation-based heating.
Enable all reheaters (Disable all reheaters)	Switches all reheaters in the heating system on (or off).
Efficiency mode	Setting the efficiency: • Comfort • Normal • Eco
Help	
	Shows information on ventilation-based heating.

Table 6

4.6 Menu “2nd heating circuit”

If a second heating circuit is allocated, in the **2nd heating circuit** menu, you can make the necessary settings analogously to the **Heating** menu (→ Chapter 4.3).

4.7 Menu “Hot water”

Menu item	Description
Start Extra Hot water (Stop Extra Hot water)	
	Starts (or ends) the time-limited increase of the DHW temperature. The duration can be set to 1 ... 8 hours. The desired DHW temperature can be entered on gas heat sources, with heat pumps the temperature increase is set to 1 K.
Operation mode	
	Depending on the system configuration, various operating modes can be set. • Off • Reduced, Eco+: Maximum efficiency • Eco: Balanced between efficiency and comfort • Comfort: Maximum DHW convenience function • Follow heating program: DHW heating as per heating time program • Auto: DHW heating as per own time program
Time program	
Edit	Up to 6 switching times can be set for each day. The minimum duration of a phase is 15 minutes.
Hot water settings	
Comfort	Setting the DHW temperature of the DHW level Comfort
Reduced	Setting the DHW temperature of the DHW level Reduced
Extra	Setting the DHW temperature of the DHW level Extra
Compressor fault setting	
Yes	For in event of a fault (alarm) on the heat pump, the DHW cylinder cools down and is not heated with the booster heater. This means that the fault is also recognised in summer mode.
No	For in event of a fault (alarm) on the heat pump, the DHW cylinder is heated with the booster heater. This leads to a significantly higher power consumption.

Menu item	Description
	We always recommend setting Yes . In event of a fault, No can be set temporarily until the fault is rectified.
Status therm. disinfect.	
	Indicates the current status of the thermal disinfection.

Table 7

4.8 Menu “Ventilation”

Menu item	Description
Operation mode	
Scenario	Operation according to different scenarios: - Scenario - Sleep - Intensive - Bypass - Party - Fireplace
Auto	Automatic operation according to time program
Manual	Manual operation with constant ventilation level
Demand	Automatic operation according to air sensor
Time program	
	Up to 6 switching times can be set for each day. The minimum duration of a phase is 15 minutes.
Settings	
Setting of different ventilation parameters	
Req. air humidity level	Dry/Optimal/Moist
Req. air quality level	Adequate/Medium/High
Manual bypass	Deactivate/Activate
Supply air temp.	Off
Mode supply air temperature control	Off/Heat only/Cooling only/Heating + cooling
Reheat supp. air temp.	Off/Enter the temperature to be used for reheating.
Filter Timer	1 ... 6 ... 12 Months

Menu item	Description
Confirm filter change	
Vent. temp. overview	
	Displays the temperature of the 4 airflows
Information	
	Displays measurement values for: Electr. reheater bank/Hydr. reheater bank/Amb. air humid./Amb. air quality/Ext. air humidity/Ext. air quality/Humidity remote ctrl/Bypass damper/Time until filter change

Table 8

4.9 Menu “Pool”

Menu item	Description
Operation mode	
	2 different operating modes can be set: - Off - On
Allow aux. heat. pool	
	Setting if the electric booster heater can be used for heating the swimming pool.

Table 9

4.10 Menu “Solar”

Menu item	Description
Solar status	
	Indicates the solar flow temperature and the status of the solar pumps.
Solar yield overview	
	Displays the solar yield (This week/Last week/Total).
Solar sensor overview	
	Displays the measurement values of the solar sensor installed (Collector temperature/ Cylinder temp. top/Cylinder temp. bottom/ Cylinder temp. centre/Heating return temp.Cylinder 2 temp. bottom/Heat exchanger temp.Mixed heat return temp./ Cylinder 3 temp. top/Cylinder 3 temp. bottom/Temp. flow heat quan./Temp. return heat quan./Temp. diff. flow contr./Temp. diff. return contr.).

Table 10

4.11 Menu “Holiday”

In this menu, before a planned longer absence, the operation of the heating system can be set in detail.

Menu item	Description
From	
	Start date of the holiday
To	
	End date of the holiday
Advanced settings	
Apply to	The various elements of the heating system can be included separately.
Heating mode	Heating mode applicable during the holiday
Desired room temp.	Room temperature applicable during the holiday
Hot water	DHW mode applicable during the holiday
Ventilation	Ventilation level applicable during the holiday
Save	A holiday period can be saved. This allows several holiday periods to be defined in advance.
Delete	
	Deletes the holiday period selected.

Table 11

4.12 Menu “Away”

Menu item	Description
Away	
Allow auto. away	For a spontaneous longer absence, the heating system operates in a continuous operation with reduced energy consumption.
Present	
	The heating system operates in standard mode.
Allow auto. away	
	To save energy, the system automatically activates absence mode after a long period without using hot water. It switches it off as soon as hot water is used again.

Table 12

4.13 Menu “Energy monitoring”

Menu item	Description
Produced energy share	
	Shows the amount of thermal energy generated from the environment.
Consumed energy	
	Shows the amount of energy consumed (gas/oil/electricity).
Produced energy	
	Shows the amount of thermal energy generated.
Efficiency	
	Shows the efficiency of the heating system (ratio of energy generated to energy consumed)

Table 13

5 GB Importer

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6 Regulations

In order to ensure installation and operation of the product in accordance with the regulations, please observe all the applicable national and regional regulations as well as all technical rules and guidelines.

You can find a list of the most relevant British and European directives and regulations in the table below.

EU legislation	UK legislation
Electromagnetic Compatibility - Directive 2014/30/EU	Electromagnetic Compatibility Regulations 2016
Low Voltage Directive 2014/35	Electrical Equipment (Safety) Regulations 2016
Radio Equipment - Directive 2014/53/EU	Radio Equipment Regulations 2017
Pressure Equipment - Directive 2014/68/EU	Pressure Equipment (Safety) Regulations 2016
Gas Appliances - Regulation (EU) 2016/426	Regulation 2016/426 on gas appliances as brought into UK law and amended
Machinery Directive 2006/42/EC	Supply of Machinery (Safety) Regulations 2008
Ecodesign Directive 2009/125/EC	The Ecodesign for Energy-Related Products Regulations 2010
Energy Labelling Regulation (EU) 2017/1369	Energy Labelling Regulation (EU) 2017/1369 (as retained in UK law and amended)
Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) - Directive 2002/95/EC	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
European Directive 2012/19/EC on old electronic and electrical appliances	(UK) Waste Electrical and Electronic Equipment Regulations 2013 (as amended)

Table 14

7 Environmental protection and disposal

Environmental protection is a fundamental corporate strategy of the Bosch Group.

The quality of our products, their economy and environmental safety are all of equal importance to us and all environmental protection legislation and regulations are strictly observed. We use the best possible technology and materials for protecting the environment taking account of economic considerations.

Packaging

Where packaging is concerned, we participate in country-specific recycling processes that ensure optimum recycling. All of our packaging materials are environmentally compatible and can be recycled.

Used appliances

Used appliances contain valuable materials that can be recycled. The various assemblies can be easily dismantled. Synthetic materials are marked accordingly. Assemblies can therefore be sorted by composition and passed on for recycling or disposal.

Old electrical and electronic appliances



This symbol means that the product must not be disposed of with other waste, and instead must be taken to the waste collection points for treatment, collection, recycling and disposal.

The symbol is valid in countries where waste electrical and electronic equipment regulations apply, e.g. "(UK) Waste Electrical and Electronic Equipment Regulations 2013 (as amended)". These regulations define the framework for the return and recycling of old electronic appliances that apply in each country.

As electronic devices may contain hazardous substances, it needs to be recycled responsibly in order to minimize any potential harm to the environment and human health. Furthermore, recycling of electronic scrap helps preserve natural resources.

For additional information on the environmentally compatible disposal of old electrical and electronic appliances, please contact the relevant local authorities, your household waste disposal service or the retailer where you purchased the product.

You can find more information here:
www.bosch-homecomfortgroup.com/en/company/legal-topics/weee/







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