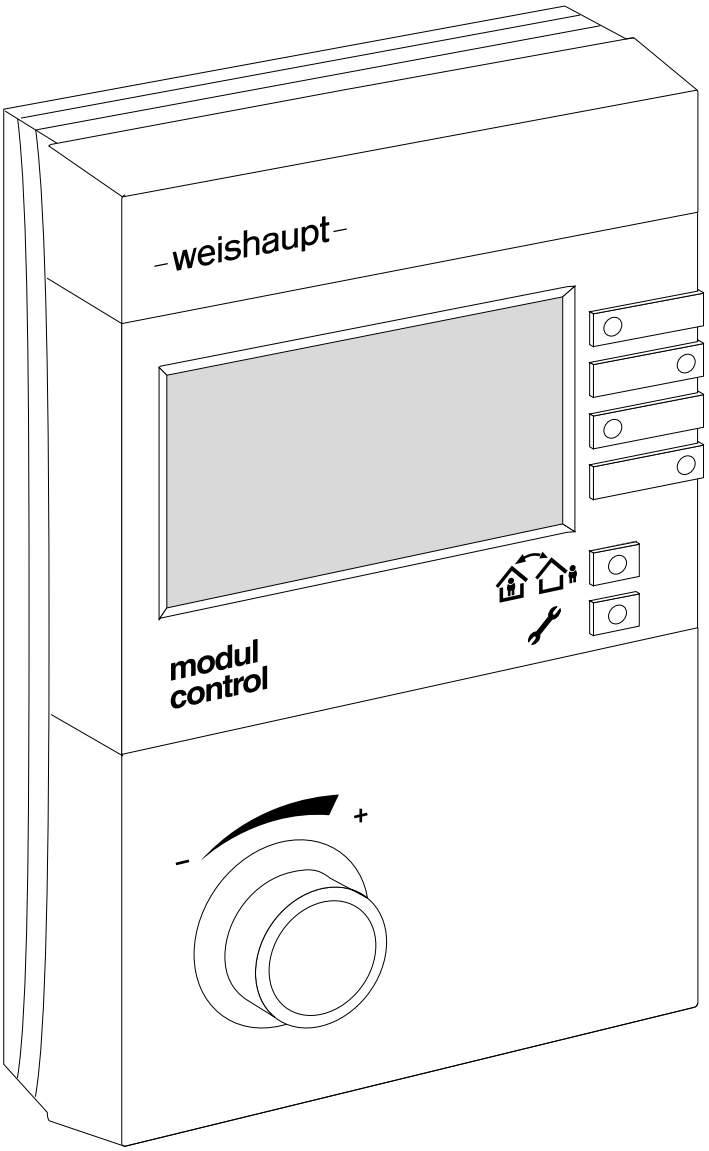
–weishaupt–

manual

Operating instruction



Remote control station WCM-FS 2.0

83277702 ▪ 1/2012-04

1 User instructions

1.1 User instructions

These operating instructions form part of the equipment and must be kept on site.

Translation of original operating instructions

1.2 User guide

1.2.1 Symbols

 **DANGER**	Immediate danger with high risk. Non observance can lead to serious injury or death.
 **WARNING**	Danger with medium risk. Non observance can lead to environmental damage, serious injury or death.
 **CAUTION**	Danger with low risk. Non observance can cause damage to the equipment and injury to personnel.
	Important information.
▶	Requires direct action
✓	Result after an action
▪	Itemisation.
...	Range.

1.2.2 Target group

These operating instructions are intended for the operator. They should be observed by all personnel working with the device.

1.3 Guarantee and Liability

Guarantee and liability claims for personal and equipment damage are excluded, if they can be attributed to one or more of the following causes:

- Non approved application of the remote control station,
- non observance of the operating instructions,
- continual operation despite a fault,
- repairs, which have been carried out incorrectly,
- the use of non original Weishaupt parts,
- acts of God.

2 Safety

2.1 Permissible application

The remote control station WCM-FS 2.0 is suitable for the control of a heating system consisting of a Weishaupt condensing boiler combined with a solar system and solar controller WCM-SOL 1.0 home.

Any use other than that described above shall be deemed improper. Weishaupt cannot be held responsible for any damage resulting from such use. The risk of such misuse lies entirely with the user. Correct use also includes compliance with the installation and operating manual and all other documents, which are included in the delivery in addition to these instructions.

The device described in these instructions conforms to the recognised level of technology and safety relevant regulations. Improper or inappropriate use could endanger the health and safety of the user or third party and impair the device function.

2.2 Safety measures

Safety relevant fault conditions must be eliminated immediately.

2.3 Disposal

- ▶ Dispose of all materials used in a safe and environmentally friendly way.
- ▶ Observe local regulations.

3 Product description

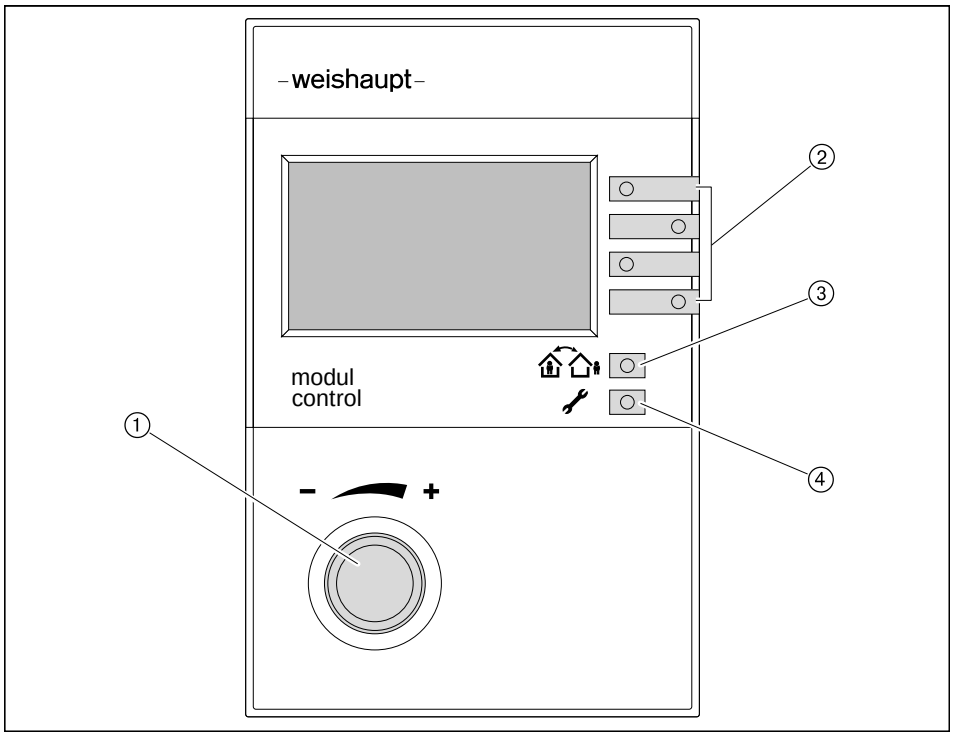
The remote control station WCM-FS 2.0 is a control and operating device for WCM components, such as a Weishaupt condensing boiler in combination with a solar controller WCM-SOL 1.0 home.

3.1 Type key

WCM	Series: **W**eishaupt **C**ondens **M**anager
-FS	Type: **R**emote control **s**tation

4 Operation

4.1 Operating panel



①	Dial knob	Navigation through levels and parameters, change values, switch on illumination.
②	Function keys 1 … 4	Used to activate functions.
③	Presence and absence key	Used for short term interruption or extension of the heating program. Used to set duration of effectiveness.
④	Menu key	Used to activate or exit user level.

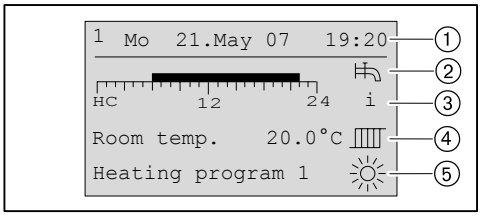
4.2 Display

Depending on the type of system, different features may be shown in the display.

4.2.1 Standard display

Factory presetting

Display of allocated factory pre-settings (standard).

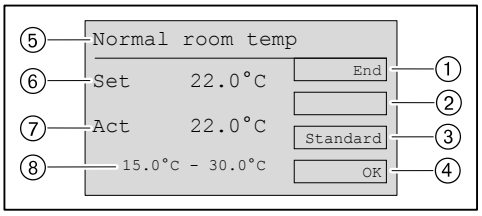


1 eBUS address, weekday, date, time
2 Symbol DHW heating
3 Information time program bar
(HC = heating circuit, DHW = DHW load circuit)
4 current room temperature
possibly current flow temperature
(no display of room temperature, if the remote control station WCM-FS is installed in the boiler)
5 Type of operation with symbol

Symbols for type of operation

	Normal operation
	Night setback operation
	Summer (DHW operation only)
	Standby

4.2.2 Setting level standard display



① Display function key 1 `End`
Abort setting procedure without saving and exit level

② Display function key 2, if applicable special functions e.g. `Holiday`, `DHW Boost`...

③ Display function key 3 `Standard`
Display factory pre-settings

④ Display function key 4 `OK`
save altered values and exit level

⑤ Setting level

⑥ Room temperature setpoint

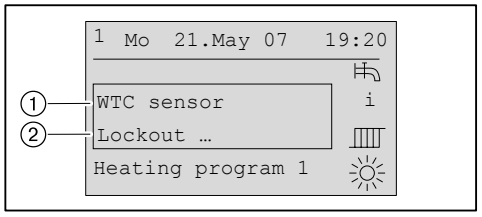
⑦ Current room temperature

⑧ Value range

4.2.3 Lockout display

The display can be triggered by any WCM device in the system.

► Note down display and inform the customer service department.



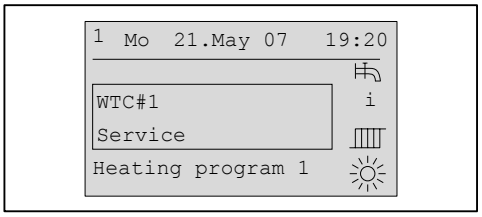
① Error location and error type

② Error code specifying the fault

4.2.4 Service display

This display is initiated by the condensing boiler.

► Inform customer service department.



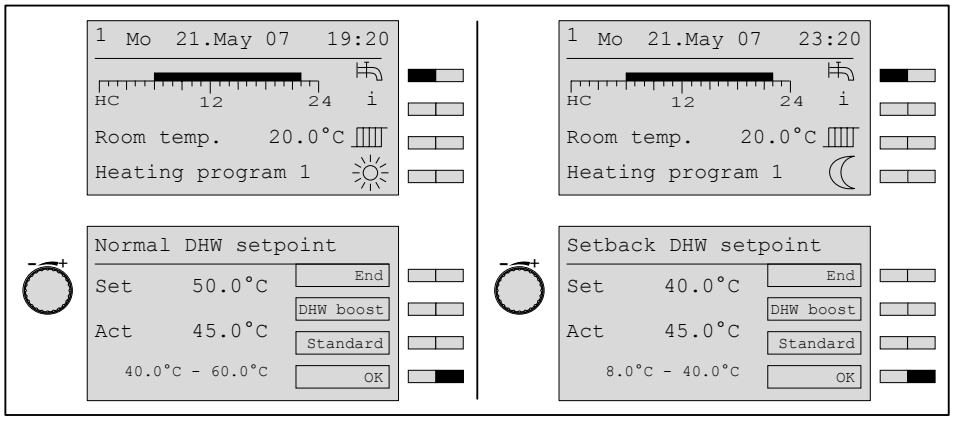
4.3 Settings in the standard display

4.3.1 Set DHW setpoint

The water tap symbol is only available on systems with DHW operation.

In the standard display, the `Normal DHW-Set` can only be changed in normal DHW operation and the `Setback DHW-Set` can only be changed in DHW setback operation.

- ► Press function key 1 (water tap).
- ✓ Level `Normal DHW setpoint` or if applicable, `Setback DHW setpoint` is displayed.
- ► Set value using the dial knob and save with function key `OK`.

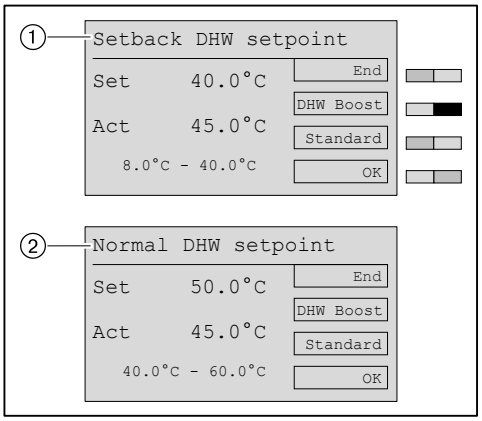


Manuel DHW boost function

The DHW boost function is used to cover increased demand for hot water during setback operation.
The hot water temperature heats up once to the normal DHW setpoint.

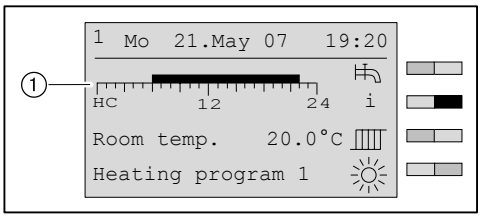
At the same time the circulation pump is activated.

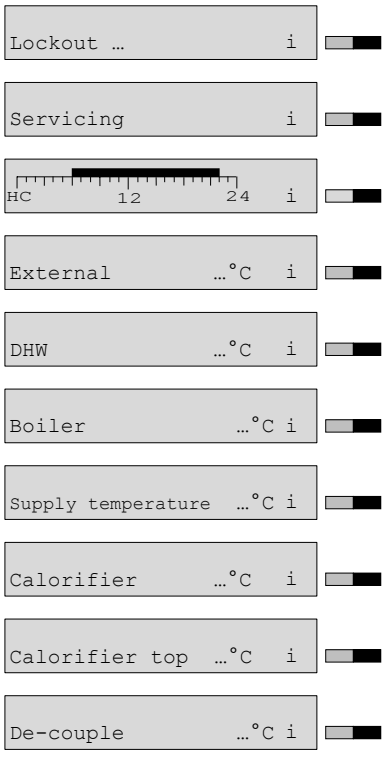
- ► Press function key 1 (water tap).
- ✓ `Setback DHW setpoint` is displayed
- ► Activate DHW boost function with function key `DHW boost`.
- ✓ Display changes temporarily from `Setback` ① to `Normal` ②



4.3.2 Display general information

In the standard display, the time bar ① shows the heating program currently active (HC = heating circuit or DHW = DHW load circuit). By repeatedly pressing function key 2 i, the current actual values of the heating system are displayed one by one. The information selected last remains permanently displayed and is only interrupted by a lockout or servicing.





Lockout

Servicing

Time bar current heating program (with control centre DHW)

External temperature

DHW temperature

Boiler temperature

Supply temperature heating circuit

Calorifier temperature

Calorifier temperature bottom

De-couple temperature

The scope of information depends on the scope of the system.

If the system includes a WCM-SOL solar controller or a WCM-KA cascade manager, the boiler temperature is not displayed.

Status information of the heating circuit:

Status#... ... i	Additional functions activated
Screed	Screed function
Service	Chimney sweep function is carried out on the heat exchanger.
SOL-Excess temp	Heat consumption due to excess solar temperature.
SOL-Excess	Heat consumption due to solar coverage.
Frost	Frost protection is activated
Syst-Standby	System in Standby mode
Frost limit	External temperature has fallen below the frost limit. System operates continuously at normal temperature.
Summer	Average external temperature has exceeded the summer switch over temperature. Heating is off.
Heating limit	Average external temperature exceeds the room temperature setpoint. Heating is off.
Thermostat	The room thermostat function has switched off the heating.
Adaption	Automatic adaption activated
On Opti	System heats up due to the switch on optimisation.
DHW active	DHW loading is carried out.
Acceptance Heat	Level reduction due to high solar yield.
Normal	Current temperature level. The current type of operation is not overridden by any of the functions listed above.
Setback	Current temperature level.
Standby	Current temperature level.
Summer	Current temperature level.

Status information of the DHW load circuit:

Status DHW ... i	Additional functions activated
DHW active	DHW loading is carried out.
SOL-Excess temp	Heat consumption due to excess solar temperature.
SOL-Excess	Heat consumption due to solar coverage.
Acceptance DHW	Level reduction due to high solar yield.
Normal	Current temperature level. The current type of operation is not overridden by any of the functions listed above.
Setback	Current temperature level.
Standby	Current temperature level.
Summer	Current temperature level.

The following display appears only when using the solar controller WCM-SOL 1.0 home.

Collector …°C i	Temperature of the collector
Solar bottom …°C i	Temperature when lowering
Yield …kWh	Today's solar yield

Status information of the solar circuit:

Status SOL: Stagnation	Overheat protection for collector, hydraulic and temperature reduction.
Status SOL: K-Frost	Collector frost protection activated.
Status SOL: Manual	Solar controller in manual function.
Status SOL: Emergency	Solar controller in emergency operation.
Status SOL: Off	No energy yield from solar system.
Status SOL 0,5 kW	Energy yield from solar system (in kW).
Status SOL: Cool	Solar recooling.
Status SOL: Special	Solar energy yield: DTR special phase T1-T2

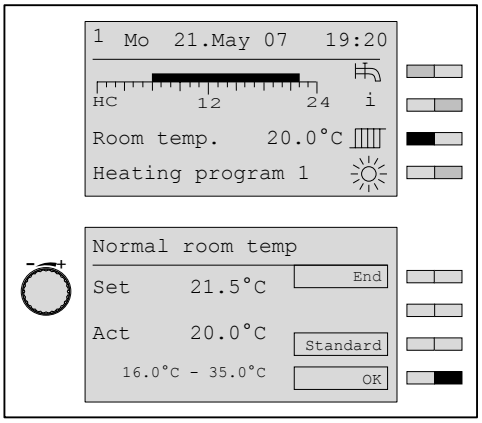
Due to the update of the information there may be a delay in the reaction of the display.

4.3.3 Set room temperature

The display differs according to the type of operation and setting selected by the heating engineer.

Type of operation	Symbol	Display
Normal	☼	`Normal room temp`
		`Normal supply setpoint`
Heating program 1 … 3 in heating operation	☼	`Normal room temp`
		`Normal supply setpoint`
Heating program 1 … 3 in setback operation	☾	`Setback room temp`
		`Setback supply set-point`
Setback	☾	`Setback room temp`
		`Setback supply set-point`
Standby	⏻	`Room frost temp`
Summer	☂	`Room frost temp`

- ▶ Press function key 3.
- ✓ Depending on the controller configuration either … `Room temp` or … `Supply setpoint` is displayed.
- ▶ Set required value using the dial knob.
- ▶ Save with function key 4 `OK`.



4.3.4 Select type of operation

Menus and parameters are shown or hidden depending on the system variation.

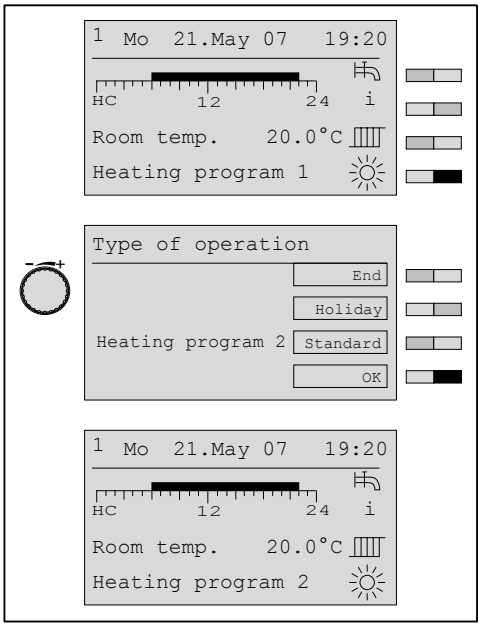
Type of operation

`Standby`	No heating or DHW operation. Frost protection is activated.
`Heating program 1 … 3`	Heating program 1 … 3 can be set individually (see Ch. 4.7.25).
`Summer`	No heating operation, DHW operation only. Frost protection is activated.
`Normal`	Heating operation is on continuously. DHW operation is carried out according to the DHW time program..
`Setback`	Heating operation is continuously in setback mode and/ or frost protection mode, this depends on the settings made by the heating engineer. DHW operation is carried out according to the DHW time program.

The following functions are available in heating programs 1 … 3:
- Presence and absence function,
- automatic Summer-/Winter change-over and
- room thermostat function.

Set Holiday (see Ch. 4.7.20).

► Press function key 4.
✓ Menu `Type of operation` is displayed.
► Make selection using the dial knob and save with function key `OK`.
✓ The type of operation saved is displayed



4.4 Presence and absence function

Using the presence and absence function, the heating program can be extended or interrupted for a short period of time.
This function is only possible in type of operation heating program 1 ... 3.

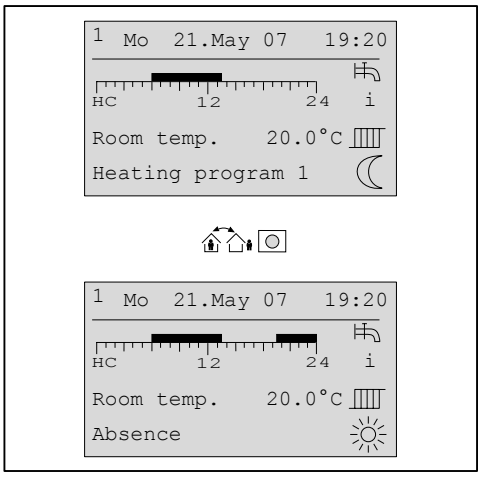
The presence and absence function remains activated until:
- the next automatic switch-over of the heating program,
- until the heating program is reactivated by pressing the key.

Presence and absence function does not operate with:
- a control centre,
- a WCM-FS, which has been assigned to a WCM-EM in DHW function.

4.4.1 Activating a heating program

Switch from setback temperature to normal temperature for a short period of time.

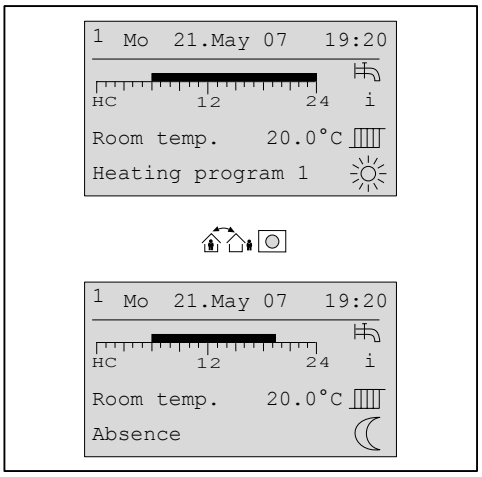
► Press presence and absence key
✓ The time bar increases in length, type of operation `Heating program 1` changes over to `Absence`, the Moon symbol changes to Sun.



4.4.2 Cancelling a heating program

Switch from normal temperature to setback temperature for a short period of time.

► Press presence and absence key
✓ The time bar decreases in length, type of operation `Heating program 1` changes over to `Absence`, the Sun symbol changes to Moon.



4.4.3 Setting the effectiveness duration

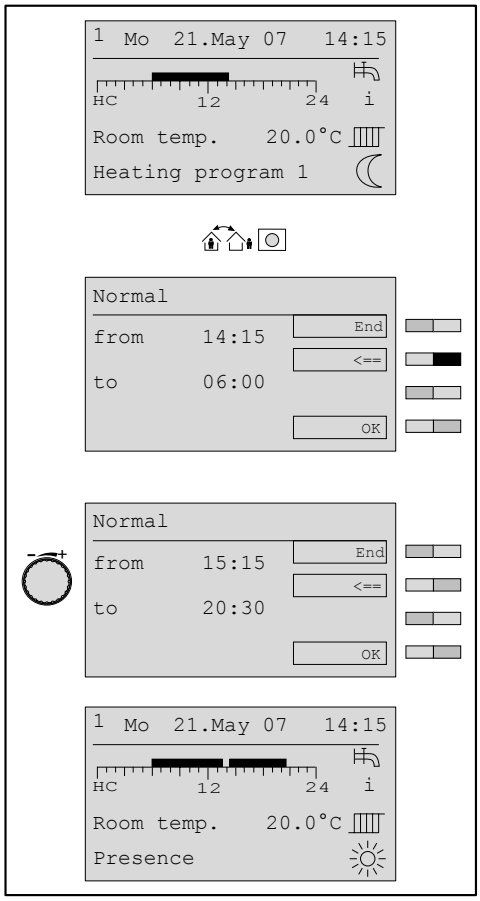
Settings:
- `from` current time,
- `to` next heating cycle change-over.

From setback level to heating phase

► Press and hold presence and absence key for approx. 1.5 seconds.
✓ The entry level is displayed.

► Set the time using the dial knob.
► Move the Cursor using function key <==.

► Save entry using function key `OK`.
✓ The timer bar increases in length according to the time set, `Presence` and symbol Sun are displayed.

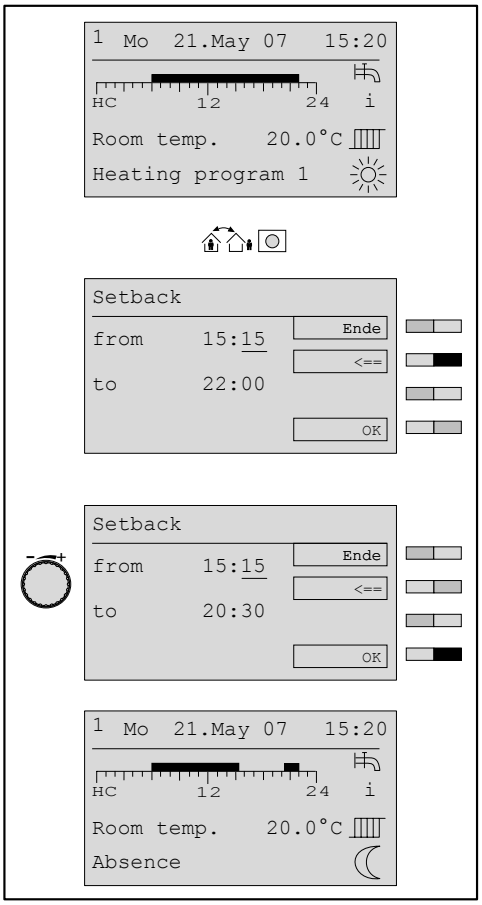


Cancelling the function

► Press presence and absence key
✓ Function is cancelled. `Heating program 1` and the Moon symbol are displayed.

From heating phase to setback level

► Save entry using function key OK.
✓ The timer bar decreases in length according to the time set. Absence and symbol Moon are displayed.



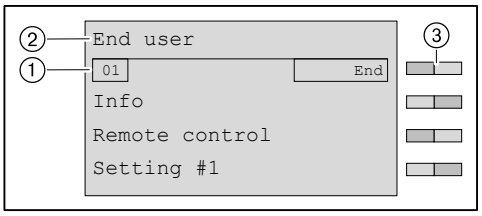
Cancelling the function

► Press presence and absence key
✓ Function is cancelled. Heating program 1 and the Sun symbol are displayed.

4.5 Activating end user level

Activate end user level

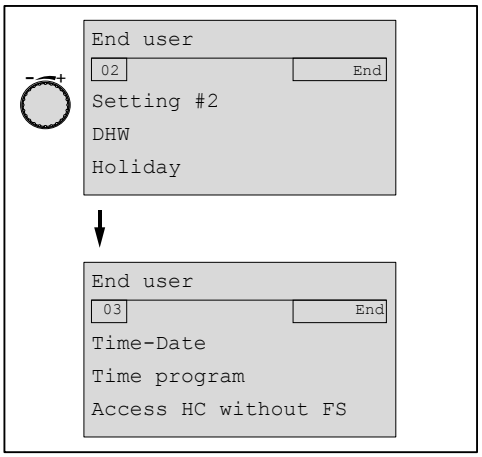
► Briefly press menu key ⚙ ▭ in the standard display.
✓ End user level is displayed.



① Page number menu
② End user level
③ Function key for menu selection

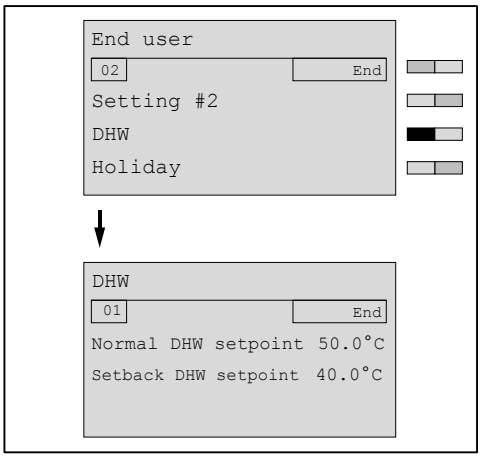
Display further pages

► Turn the dial knob.
✓ Further pages of the menu are displayed.



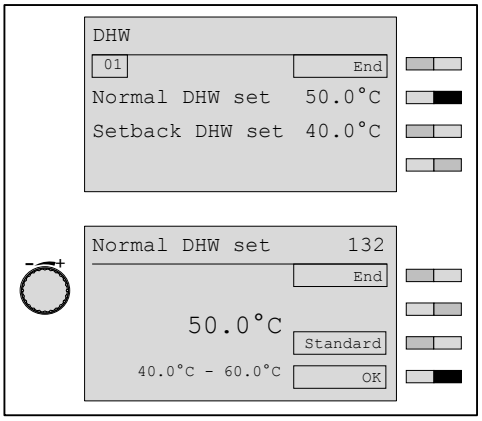
Selecting a menu

► Select menu and press the relevant function key.
✓ Menu is displayed.



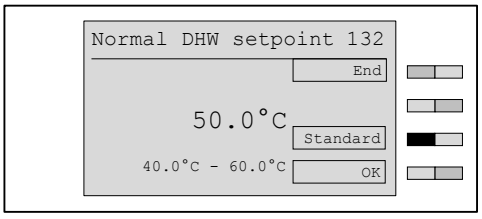
Selecting and setting parameters

► Select parameter and press the relevant function key.
✓ Parameter is displayed.
► Make a selection using the dial knob and save setting with function key OK.



Resetting parameters to factory presetting

► Press function key Standard.
✓ Factory presetting is displayed.
► Press function key OK.
✓ Factory presetting is saved.



Exit end user level

► Press function key End repeatedly – or – briefly press menu key.
✓ Standard display appears.

4.6 Menu structure end user level

Menu points and parameters are hidden or displayed according to the settings made in the heating engineer level.

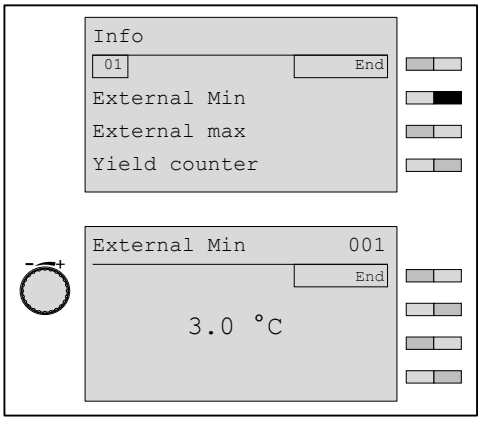
Menu point	Parameters	Description	Factory pre-setting	Set
Level info	001	External max	–	
	002	External min	–	
	003	Yield counter	kWh, Wh MWh, kWh	
	004	Total yield	kWh, Wh MWh, kWh	
	005	Statistic	kWh, Wh	
Remote control	101	Room sensor corr (see Ch. 4.7.6)	0.0K	
	102	Contrast (see Ch. 4.7.7)	04	
	103	Brightness (see Ch. 4.7.8)	30	
Settings#1	112	Normal room temp (see Ch. 4.7.9)	21.5°C	
	113	Setback room temp (see Ch. 4.7.10)	16.0°C	
	114	Acceptance room (see Ch. 4.7.13)	Off	
	115	Normal supply setpoint (see Ch. 4.7.11)	75.0°C	
	116	Setback supply setpoint (see Ch. 4.7.12)	45.0°C	
	117	Gradient (see Ch. 4.7.14)	–	
	118	Room frost temp (see Ch. 4.7.15)	10.0°C	
	119	Su/Wi change-over (see Ch. 4.7.16)	20.0°C	
Settings#2	121	Normal supply setpoint (see Ch. 4.7.11)	75.0°C	
	122	Setback supply setpoint (see Ch. 4.7.12)	45.0°C	
	123	Gradient (see Ch. 4.7.14)	–	
	125	Su/Wi change-over (see Ch. 4.7.16)	20.0°C	
DHW	132	Normal DHW setpoint (see Ch. 4.7.17)	50.0°C	
	133	Setback DHW setpoint (see Ch. 4.7.18)	40.0°C	
	134	Acceptance DHW (see Ch. 4.7.19)	Off	
Holiday	141	Duration (see Ch. 4.7.20)	–	
	142	Temp. level (see Ch. 4.7.20)	Frost	

Menu point	Parameters	Description	Factory pre-setting	Set
Time-Date	151	Date (see Ch. 4.7.23)	–	
	152	Time (see Ch. 4.7.23)	–	
	153	Summertime start (see Ch. 4.7.23)	25.Mar	
	154	Summertime end (see Ch. 4.7.23)	25.Oct	
Time program		Heating program 1 (see Ch. 4.7.24)	–	
		Heating program 2	–	
		Heating program 3	–	
	161	Advance #2 (see Ch. 4.7.26)	Off	
		DHW program (see Ch. 4.7.24)	–	
		Circ. program (see Ch. 4.7.24)	–	
Access HC without FS		new config	–	
		List of all WCM-EM´s without WCM-FS assigned (see Ch. 4.7.27) EM-HC#2 or EM-DHW#2 ... EM-HC#8 or EM-DHW#8	–	

4.7 Settings of end user level

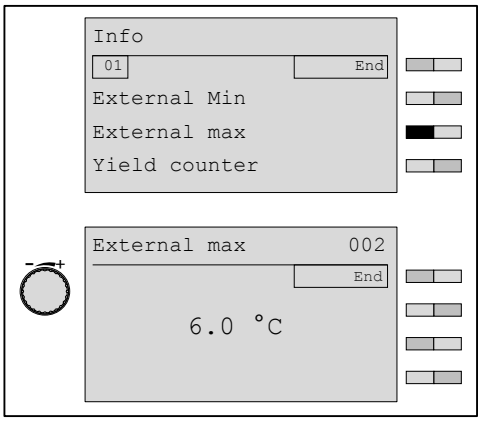
4.7.1 Call up info external min

► Activate end user level (see Ch. 4.5).
► Press function key `Info`.
✓ Menu `Info` is displayed.
► Press function key `External Min`.
✓ Parameter `External Min` is displayed.



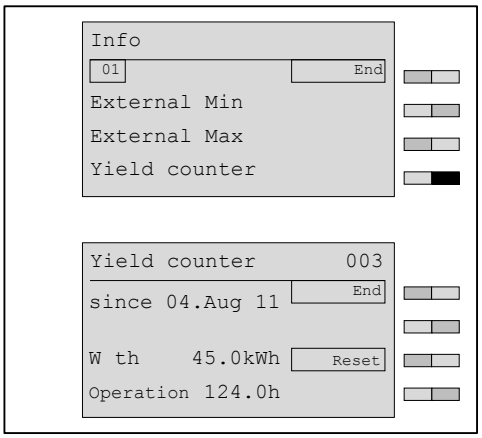
4.7.2 Call up info external max

► Activate end user level (see Ch. 4.5).
► Press function key `Info`.
✓ Menu `Info` is displayed.
► Press function key `External max`.
✓ Parameter `External max` is displayed.



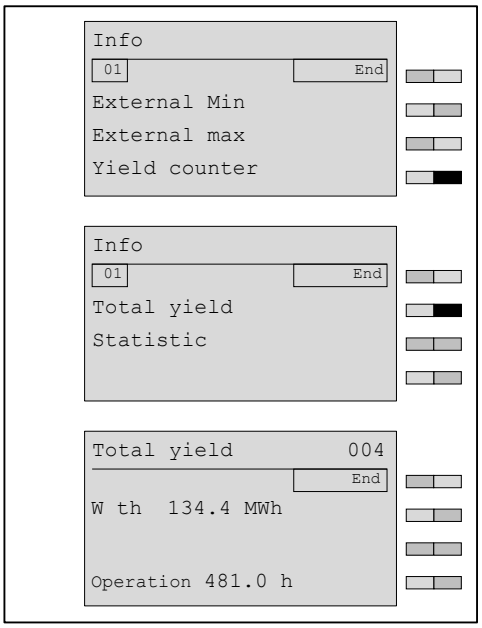
4.7.3 Call up info solar yield counter

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Info`.
- ✓ Menu `Info` is displayed.
- ► Press function key `Yield counter`.
- ✓ Parameter `Yield counter` is displayed.



4.7.4 Call up info total solar yield

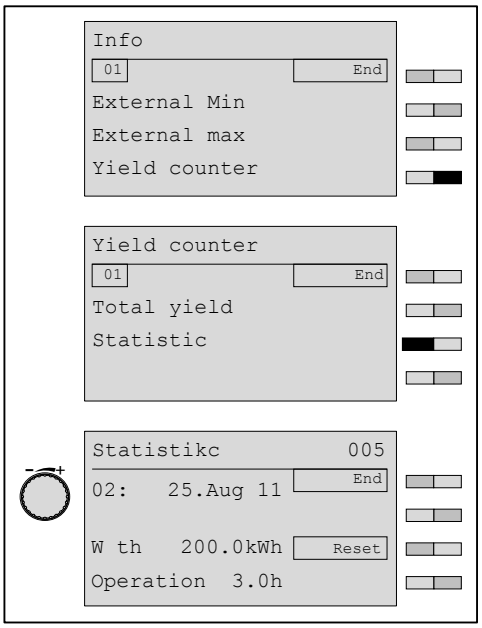
- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Info`.
- ✓ Menu `Info` is displayed.
- ► Use dial knob to move to the second menu level.
- ► Press function key `Info Solar`.
- ✓ Menu `Info Solar` is displayed.
- ► Press function key `Total yield`.
- ✓ Parameter `Total yield` is displayed.



4.7.5 Call up info solar statistic

Display of solar yields and ope5rating times of the last 14 days.

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Info`.
- ✓ Menu `Info` is displayed.
- ► Use dial knob to move to the second menu level.
- ► Press function key `Statistic`.
- ✓ Parameter `Statistic` is displayed.

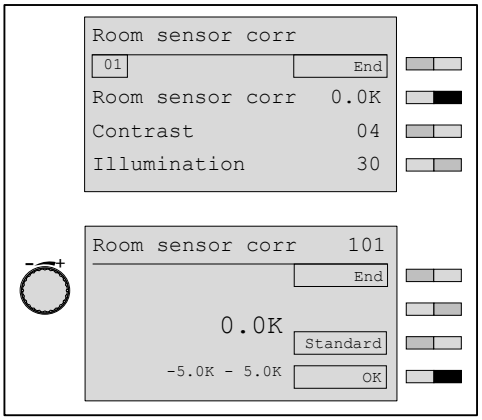


4.7.6 Setting room sensor correction

The room sensor can be adapted to an existing thermometer.

► Activate end user level (see Ch. 4.5).
► Press function key `Remote control`.
✓ Menu `Remote control` is displayed.

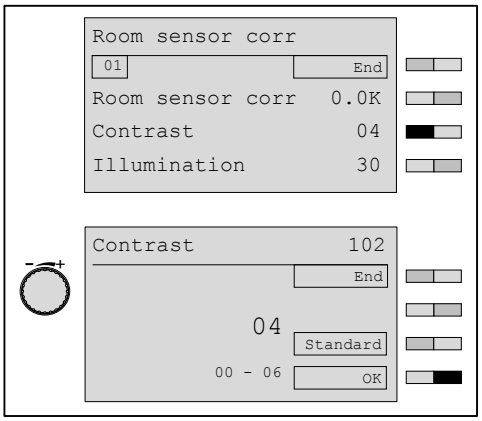
► Press function key `Room sensor corr`.
✓ Parameter `Room sensor corr` is displayed.
► Set value using the dial knob and save with function key `OK`.



4.7.7 Set contrast

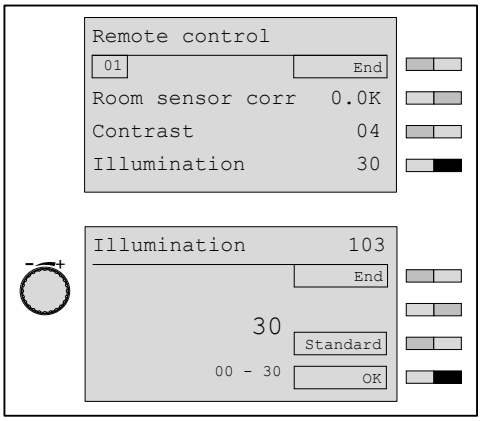
► Activate end user level (see Ch. 4.5).
► Press function key `Remote control`.
✓ Menu `Remote control` is displayed.

► Press function key `Contrast`.
✓ Parameter `Contrast` is displayed.
► Set value using the dial knob and save with function key `OK`.



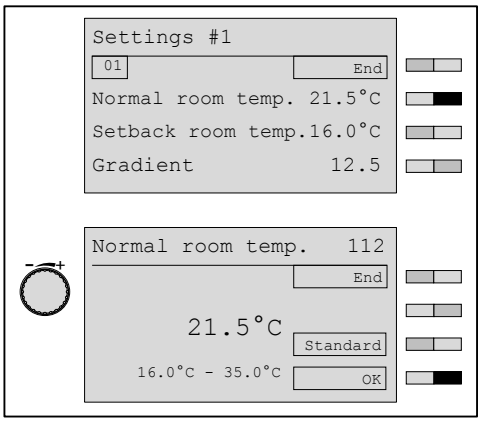
4.7.8 Set brightness

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Remote control`.
- ✓ Menu `Remote control` is displayed.
- ► Press function key `Illumination`.
- ✓ Parameter `Illumination` is displayed.
- ► Set value using the dial knob and save with function key `OK`.



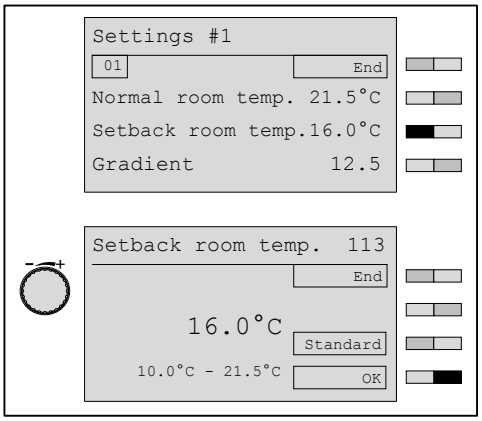
4.7.9 Set normal room temperature

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Setting #1`.
- ✓ Menu `Settings #1` is displayed.
- ► Press function key `Normal room temp`.
- ✓ Parameter `Normal room temp` is displayed.
- ► Set value using the dial knob and save with function key `OK`.



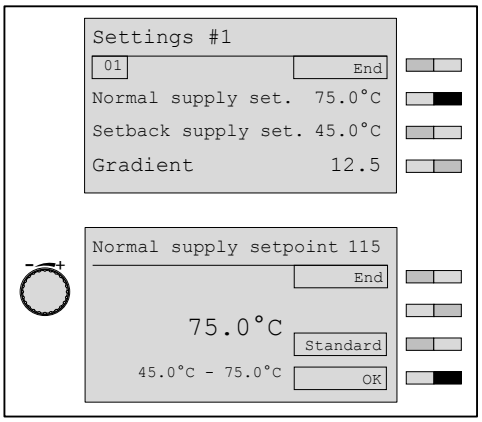
4.7.10 Set setback room temperature

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Setting #1`.
- ✓ Menu `Settings #1` is displayed.
- ► Press function key `Setback room temp`.
- ✓ Parameter `Setback room temp` is displayed.
- ► Set value using the dial knob and save with function key `OK`.



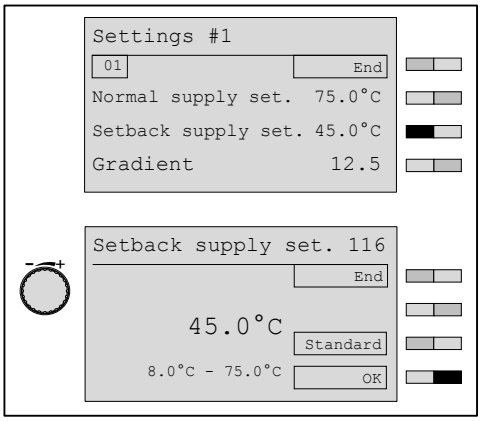
4.7.11 Set normal supply temperature setpoint

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Setting #1`.
- ✓ Menu `Settings #1` is displayed.
- ► Press function key `Normal supply set`.
- ✓ Parameter `Normal supply setpoint` is displayed.
- ► Set value using the dial knob and save with function key `OK`.



4.7.12 Set setback supply temperature setpoint

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Setting #1`.
- ✓ Menu `Settings #1` is displayed.
- ► Press function key `Setback supply set`.
- ✓ Parameter `setback supply setpoint` is displayed.
- ► Set value using the dial knob and save with function key `OK`.

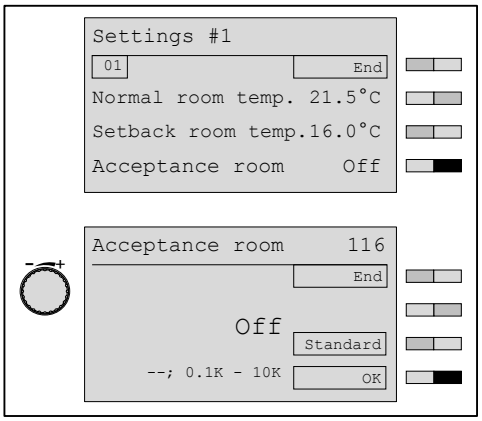


4.7.13 Set acceptance room

If the current solar yield is sufficient, this parameter can be set to save fossil fuel. From a particular yield level, which is set in the WCM-Sol, reheating (heat demand) by the WTC is blocked, until the current room temperature falls below the room temperature setpoint minus the "Acceptance room" set here. The mixer tries to continue the control to the room temperature setpoint set.

For this function, the room sensor of the WCM-FS 2.0 is evaluated, this assumes that the FS is installed at a suitable location.

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Setting #1`.
- ✓ Menu `Settings #1` is displayed.
- ► Press function key `Acceptance room`.
- ✓ Parameter `Acceptance room` is displayed.
- ► Set value using the dial knob and save with function key `OK`.



4.7.14 Set gradient

The heat reference line can be matched to the building by adjusting the gradient.

Setting ranges depending on the type of heating circuit

Type of heating circuit (P313/P314)	Range	Factory presetting
`UFH heat-up` (underfloor heat-up)	`2.5 - 6.0`	`2.5`
`UFH- heating` (underfloor heating)	`4.0 - 10.0`	`5.0`
`Radiator 60`	`8.0 - 20.0`	`10.0`
`Radiator 70`	`11.0 - 25.0`	`12.5`
`Convector`	`11.0 - 40.0`	`12.5`
`Universal` (Factory presetting)	`2.5 - 40.0`	`10.0`

The heat circuit is set by the heating engineer in the heating engineer level.

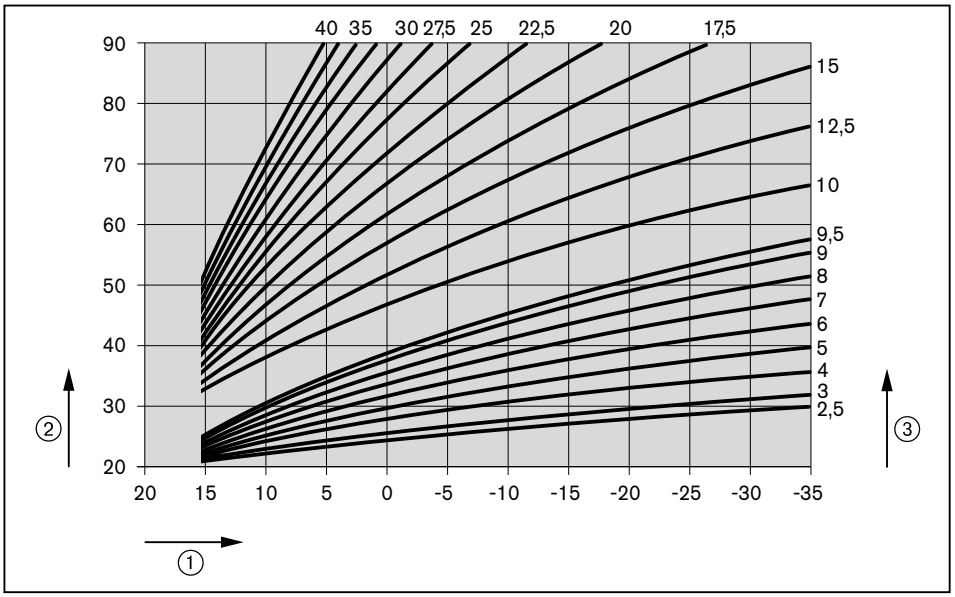
A change in the normal room temperature or setback room temperature leads to a parallel translation of the set rate of rise.

In cold weather, the room temperature is too cold.
► Increase gradient.

In cold weather, the room temperature is too warm
► Decrease gradient

In mild weather, the room temperature is too cold
► Increase normal and setback room temperature.

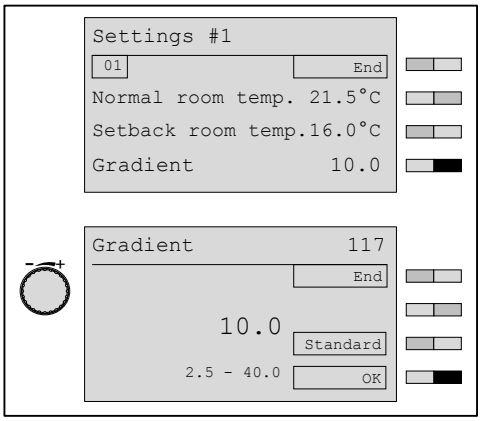
In mild weather, the room temperature is too warm
► Decrease normal and setback room temperature.



① External temperature
② Supply temperature
③ Gradient (at normal room temperature of 20 °C)

► Activate end user level (see Ch. 4.5).
► Press function key `Setting #1`.
✓ Menu `Settings #1` is displayed.

► Press function key `Gradient`.
✓ Parameter `Gradient` is displayed.
► Set value using the dial knob and save with function key `OK`.

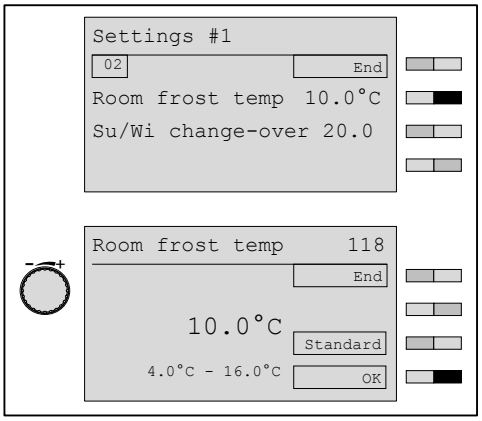


4.7.15 Set room frost protection temperature

The parameter room frost temperature has a direct effect on the supply temperature.
The temperature set is not the actual room temperature during frost protection. The difference is negligible if the gradient has been set correctly.

If the actual room temperature drops below the critical value during frost protection, increase the room frost protection temperature.
If the room frost temperature is set too high, unnecessary energy will be consumed during frost protection.

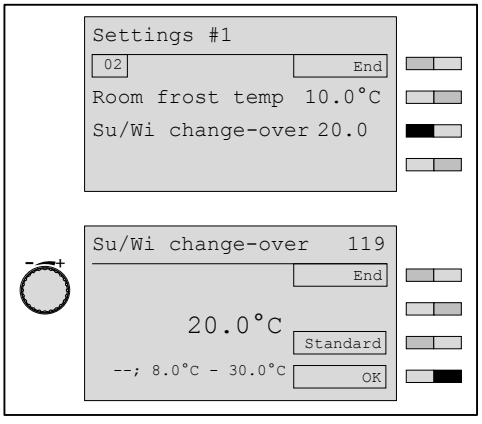
- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Setting #1`.
- ✓ Menu `Settings #1` is displayed.
- ► Use dial knob to move to the second menu level.
- ► Press function key `Room frost temp`.
- ✓ Parameter `Room frost temp` is displayed.
- ► Set value using the dial knob and save with function key `OK`.



4.7.16 Set Summer/Winter change-over

If the temperature set is exceeded by the average external temperature, only DHW operation is activated. The heating circuit is switched off.

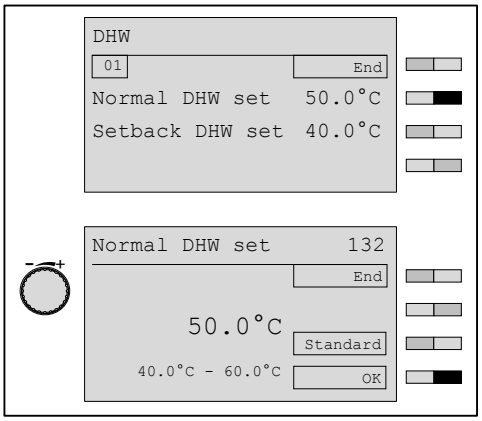
- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Setting #1`.
- ✓ Menu `Settings #1` is displayed.
- ► Press function key `S/W change-over`.
- ✓ Parameter `Su/Wi change` is displayed.
- ► Set value using the dial knob and save with function key `OK`.



4.7.17 Set normal DHW temperature

► Activate end user level (see Ch. 4.5).
► Press function key DHW.
✓ Menu DHW is displayed.

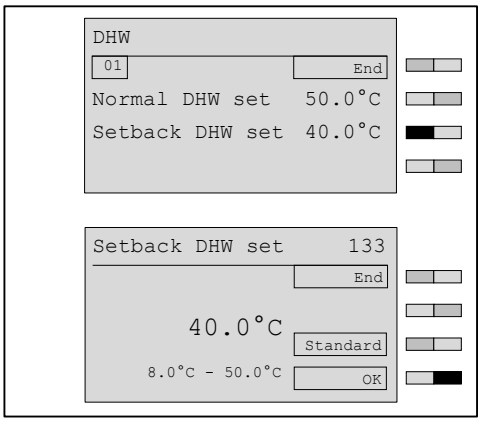
► Press function key Normal DHW set.
✓ Parameter Normal DHW set is displayed.
► Set value using the dial knob and save with function key OK.



4.7.18 Set setback DHW temperature

► Activate end user level (see Ch. 4.5).
► Press function key DHW.
✓ Menu DHW is displayed.

► Press function key Setback DHW set.
✓ Parameter Setback DHW set is displayed.
► Set value using the dial knob and save with function key OK.

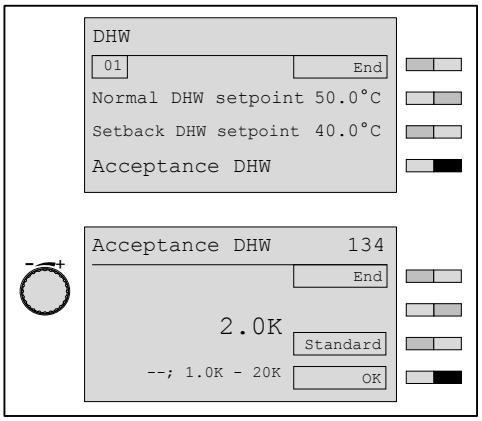


4.7.19 Set acceptance DHW

If the current solar yield is sufficient, this parameter can be set to save fossil fuel. From a particular yield level which is set in the WCM-Sol, DHW reheating by the WTC is blocked, until the DHW temperature falls below the DHW temperature setpoint minus the "Acceptance DHW" set here.

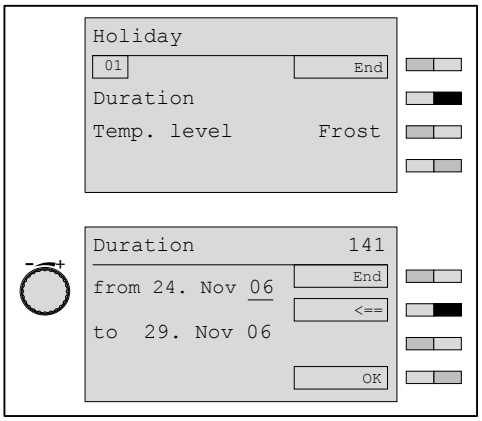
- ► Activate end user level (see Ch. 4.5).
- ► Press function key DHW.
- ✓ Menu DHW is displayed.

- ► Press function key Acceptance DHW.
- ✓ Parameter Acceptance DHW is displayed.
- ► Set value using the dial knob and save with function key OK.



4.7.20 Set holiday duration

- ► Activate end user level (see Ch. 4.5).
- ► Press function key Holiday.
- ✓ Menu Holiday is displayed.
- ► Press function key Duration.
- ✓ Parameter Duration is displayed.
- ► Move the Cursor using function key <==.
- ► Set the duration using the dial knob.
- ► Save with function key OK.

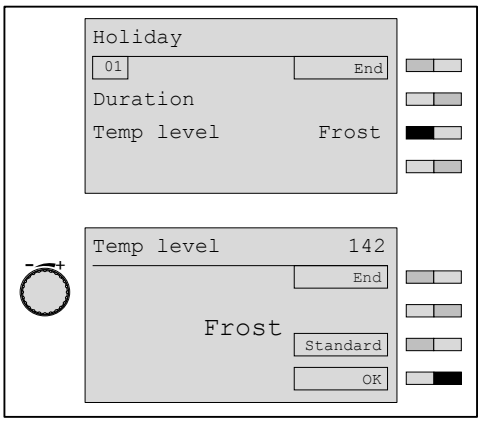


4.7.21 Set temperature level

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Holiday`.
- ✓ Menu `Holiday` is displayed.
- ► Press function key `Temp level`.
- ✓ Parameter `Temp level` is displayed.
- ► Set temperature level using dial knob.
- ✓ `Frost` changes to `Setback`
- ► Save with function key `OK`.

Setting range temperature level

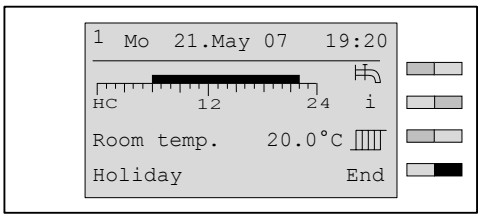
`Frost`	The heating system is switched on if the selected frost protection temperature is not achieved and heats up to setback temperature.
`Setback`	Heating system operates at setback temperature.



4.7.22 Ending holiday function ahead of schedule

The activated holiday function is displayed in the standard display.

- ► Press function key `End`.
- ✓ Holiday function is ended ahead of schedule.

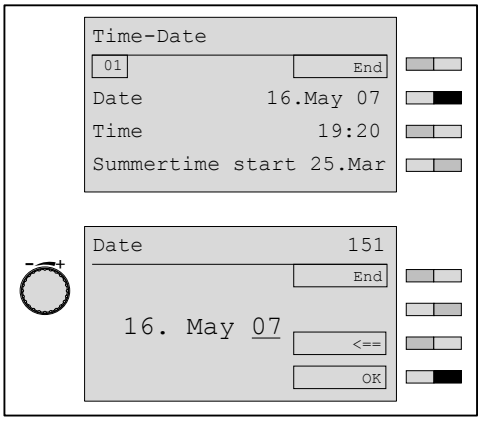


4.7.23 Set date, time and summer time change-over

The parameter is only displayed in the remote control station, which is addressed with `Control centre #L`, `WTC-HC#1`, `EM-HC#2` or `WTC-HC#1 +EM-HC#2`. This transfers time and date automatically to other control components.

`Time`, `Summer time start` and `Summer time end` are set in the same way. Summer time is always changed the following Saturday to Sunday.

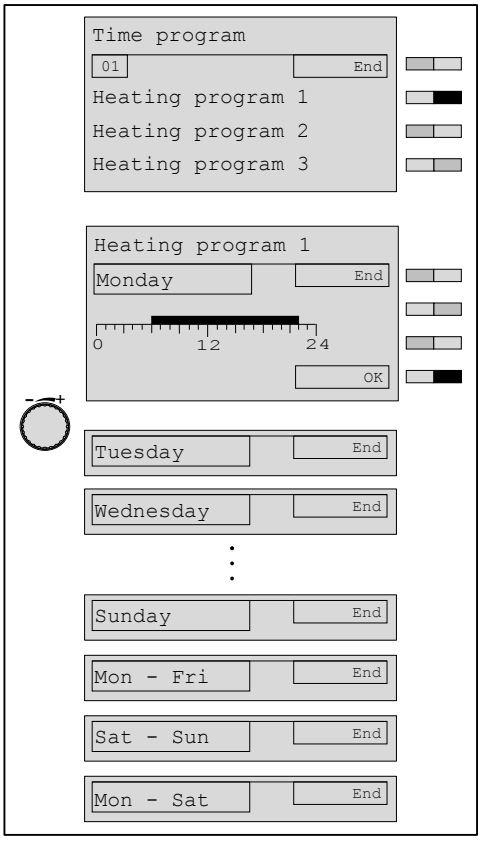
- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Time-Date`.
- ✓ Menu `Time-Date` is displayed.
- ► Press function key `Date`.
- ✓ Parameter `Date` is displayed.
- ► Move the Cursor using function key `<==`.
- ► Set date using the dial knob and save with function key `OK`.



4.7.24 Call up time program

- ► Activate end user level (see Ch. 4.5).
- ► Press function key `Time program`.
- ✓ Menu `Time program` is displayed.
- ► Press function key `Heat program1`.
- ✓ Menu `Heat program 1` is displayed.
- ► Turn the dial knob.
- ✓ Weekdays as well as periods from Monday to Friday, Saturday to Sunday and Monday to Sunday are displayed.

This procedure can also be used to call up `Heat program2`, `Heat program3`, `DHW program` and `circulation program`.



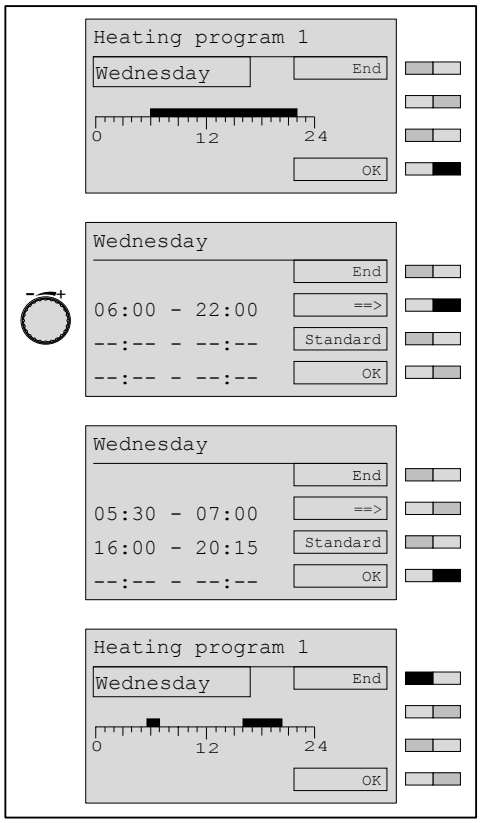
4.7.25 Changing a time program

Example

Change heat program 1 Wednesday:
Heat phase 1: 5:30 … 7:00 hrs
Heat phase 2: 16:00 … 20:15 hrs

- ▶ Activate level `Heat program1 (see Ch. 4.7.24).`
- ▶ Turn dial knob until Wednesday appears.
- ▶ Press function key `OK`.
- ▶ Turn dial knob until `05:30` appears.
- ▶ Move the Cursor using function key `<==`.
- ▶ Turn the dial knob until `07:00` appears.
- ▶ Move the Cursor using function key `<==`.
- ▶ Turn the dial knob until `16:00` appears.
- ▶ Move the Cursor using function key `<==`.
- ▶ Turn the dial knob until `20:15` appears.
- ▶ Save with function key `OK`.
- ✓ The display now shows the saved program as a bar diagram.

This procedure can also be used to change `Heat program2`, `Heat program3`, `DHW program` and `circulation program`.



Factory presetting time program

Heating program 1	Mon - Fri	06:00 - 22:00
	Sat - Sun	07:00 - 23:00
Heating program 2	Mon - Fri	06:00 - 08:00
		16:00 - 22:00
	Sat - Sun	07:00 - 23:00
Heating program 3	Mon - Fri	06:00 - 08:00
		12:00 - 22:00
	Sat - Sun	07:00 - 23:00
DHW program	Mon - Fri	05:00 - 21:00
	Sat - Sun	06:00 - 22:00
Circ. program	Mon - Fri	06:00 - 07:00
		11:00 - 13:00
		17:00 - 19:00
	Sat - Sun	07:00 - 08:00
		11:00 - 13:00
		17:00 - 19:00

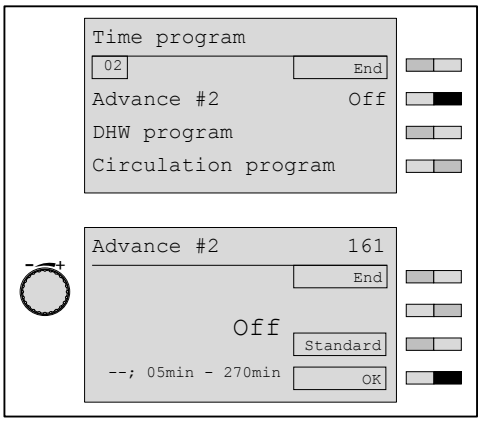
4.7.26 Set pre-setting HC#2

With address setting WTC-HC#1+EM-HC#2 an on and off switch time for the extension module EM#2 can be pre-set via parameter Pre-set #2 independent of HC#1.

Setting range

Off
05 min ... 270 min

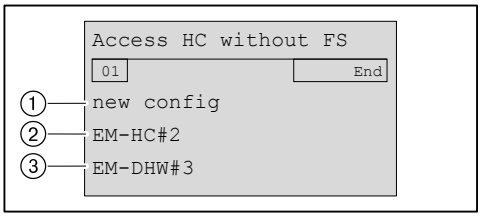
- ► Activate level time program (see Ch. 4.7.24).
- ► Turn dial knob until Advance #2 is displayed.
- ► Press function key Pre-set #2.
- ► Set value using the dial knob.
- ► Save with function key OK.
- ✓ Display shows new value.
- ► Press function key End repeatedly – or – briefly press menu key.



4.7.27 Set WCM-EM without WCM-FS assigned

It is possible to operate several extension modules via one remote control station. In menu point `Access HC w.o. FS` all extension modules without WCM-FS assigned are listed, and can be set via this menu point.

- ▶ Activate end user level (see Ch. 4.5).
- ▶ Press function key `Access HC w/o. FS`.
- ✓ Level `Access HC w.o. FS` is displayed.



① New configuration

② Display extension module heating circuit without remote control station assigned

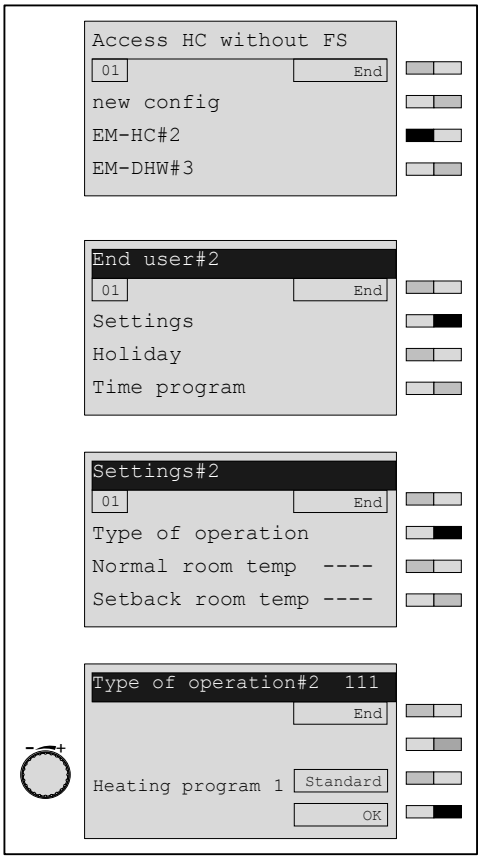
③ Display extension module DHW without remote control station assigned

By pressing function key `new config` all the WCM-EM connected without WCM-FS assigned are determined/identified and displayed.

Set extension module without WCM-FS assigned

- ▶ Press function key `EM-HC#2`.
- ✓ `End user#2` is displayed highlighted black.
- ▶ Carry out setting.

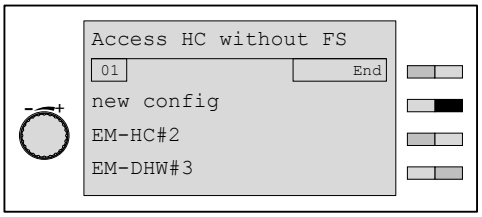
Parameters, which are not activated are displayed with `----` and cannot be set.



Find extension modules without WCM-FS assigned

If no or not all extension modules are displayed a new configuration must be carried out.

► Press function key `new config`.
✓ Message `search config` is displayed briefly, then the list of extension modules without remote control station assigned reappears.



Menu structure extension module heating circuit (`Access HC w.o. FS`)

Menu point	Parameters	Description	Factory pre-setting	Set
Settings#…	111	Type of operation	Heating program 1	
	112	Normal room temp	21.5°C	
	113	Setback room temp	16.0°C	
	115	Normal supply setpoint	75.0°C	
	116	Setback supply setpoint	45.0°C	
	117	Gradient	–	
	118	Room frost temp	10.0°C	
	119	Su/Wi change	20.0°C	
Holiday	141	Duration	–	
	142	Temp level	Frost	
Time program		Heating program 1	–	
		Heating program 2	–	
		Heating program 3	–	

Menu structure extension module DHW (`Access HC w. o. FS`)

Menu point	Parameters	Description	Factory pre-setting	Set
DHW	131	Type of operation	DHW program	
	132	Normal DHW setpoint	50.0°C	
	133	Setback DHW setpoint	40.0°C	
	134	Acceptance DHW	–	
Holiday	141	Duration	–	
	142	Temp level	Frost	
Time program		DHW program	–	
		Circ. program	–	

5 Key word index

Change of legal form from 22.11.2024: Max Weishaupt SE
www.weishaupt.de
Max Weishaupt GmbH, D-88475 Schwendi
Weishaupt (UK) Limited Neachells Lane, Willenhall, WV13 3RG
www.weishaupt.co.uk

–weishaupt–

Product		Description	Performance
	**W-Burners**	The compact series, proven millions of times over: Economical, reliable, fully automatic. Gas, oil and dual fuel burners for domestic and commercial applications. The purflam burner gives almost soot-free combustion of oil with greatly reduced NO_x emissions.	Up to 570 kW
	**Monarch and industrial burners**	The legendary industrial burner: Tried and tested, long lived, clear construction. Gas, oil and dual fuel burners for district heat provision.	Up to 11,700 kW
	**multiflam® burners**	Innovative Weishaupt technology for large burners: Minimal emission values particularly at ratings over one megawatt. Oil, gas and dual fuel burners with patented fuel distribution system.	Up to 17,000 kW
	**WK industrial burners**	Modular powerhouses: Adaptable, robust, powerful. Oil, gas and dual fuel burners for industrial plant.	Up to 22,000 kW
	**Thermo Unit**	The Thermo Unit heating systems from cast iron or steel: Modern, economic, reliable. For environmentally friendly heating. Fuel: Gas or oil as desired.	Up to 55 kW
	**Thermo Condens**	The innovative condensing boilers with the SCOT system: Efficient, low in emissions, versatile. Ideal for domestic heating. Floor standing gas condensing boiler with ratings of up to 1200 kW (cascade), for higher heat demands.	Up to 1,200 kW
	**Heat pumps**	The heat pump programme offers solutions for utilisation of heat from air, soil and ground water. The systems are suitable for refurbishment or new builds. It is possible to use several heat pumps in cascade operation.	Up to 130 kW
	**Solar systems**	Free energy from the sun: Perfectly coordinated components, innovative, proven. Pleasantly shaped flat roof collectors to support heating and of domestic water	
	**Water heater / energy reservoir**	The attractive domestic water heating range includes classic water heaters which are supplied through a heating system and energy reservoirs which can be fed through solar systems.	
	**Control technology / building management**	From control panels to complete building management systems – at Weishaupt you can find the entire spectrum of modern control technology. Future oriented, economical and flexible.	