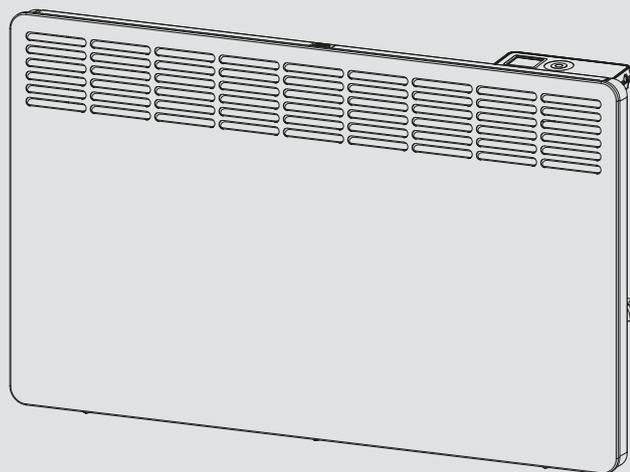


OPERATION AND INSTALLATION

Wall mounted convector

- » CNS 50 Trend NC
- » CNS 75 Trend NC
- » CNS 100 Trend NC
- » CNS 150 Trend NC
- » CNS 200 Trend NC



STIEBEL ELTRON

SPECIAL INFORMATION

OPERATION

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INSTALLATION

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GUARANTEE

ENVIRONMENT AND RECYCLING

SPECIAL INFORMATION

- Keep children under the age of 3 away from the appliance if constant supervision cannot be guaranteed.
- Children from the age of 3 to 7 may switch the appliance on and off, provided they are supervised or have been instructed in the safe operation of the appliance and understand any risks that may result. This is subject to the appliance having been installed as described. Children from the age of 3 to 7 must not regulate the appliance.
- The appliance may be used by children over 8 years of age and persons with reduced physical, sensory or mental capabilities or a lack of experience and expertise, provided that they are supervised or they have been instructed on how to use the appliance safely and have understood the potential risks.
- Children must never play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.
- Parts of the appliance can get very hot and may cause burns. Particular caution is advised when children or vulnerable persons are present.
- To prevent the appliance from overheating, never cover it with anything.
- Never install the appliance directly below a wall socket.
- The connection to the power supply must be in the form of a permanent connection. Ensure the appliance can be separated from the power supply by an isolator that disconnects all poles with at least 3 mm contact separation.

- The power cable must only be replaced (for example if damaged) by a qualified contractor authorised by the manufacturer, using an original spare part.
- Secure the appliance as described in chapter "Installation / Installation".

OPERATION

1. General information

The chapters "Special information" and "Operation" are intended for both users and qualified contractors.

The chapter "Installation" is intended for qualified contractors.



Note
Read these instructions carefully before using the appliance and retain them for future reference. Pass on these instructions to a new user if required.

1.1 Safety instructions

1.1.1 Structure of safety instructions



KEYWORD Type of risk
Here, possible consequences are listed that may result from failure to observe the safety instructions.
► Steps to prevent the risk are listed.

1.1.2 Symbols, type of risk

Symbol	Type of risk
	Injury
	Electrocution
	Burns (burns, scalding)

1.1.3 Keywords

KEYWORD	Meaning
DANGER	Failure to observe this information will result in serious injury or death.
WARNING	Failure to observe this information may result in serious injury or death.
CAUTION	Failure to observe this information may result in non-serious or minor injury.

1.2 Other symbols in this documentation



Note
General information is identified by the adjacent symbol.
► Read these texts carefully.

Symbol	Meaning
	Material losses (appliance damage, consequential losses and environmental pollution)
	Appliance disposal

► This symbol indicates that you have to do something. The action you need to take is described step by step.

1.3 Information on the appliance

Symbol	Meaning
	Never cover the appliance

1.4 Units of measurement



Note
All measurements are given in mm unless stated otherwise.

2. Safety

2.1 Intended use

This appliance is designed to heat living areas.

The appliance is intended for domestic use. It can be used safely by untrained persons. The appliance can also be used in non-domestic environments, e.g. in small businesses, as long as it is used in the same way.

Any other use beyond that described shall be deemed inappropriate. Observation of these instructions and of the instructions for any accessories used is also part of the correct use of this appliance.

2.2 General safety instructions



WARNING Injury

- Keep children under the age of 3 away from the appliance if constant supervision cannot be guaranteed.
- Children from the age of 3 to 7 may switch the appliance on and off, provided they are supervised or have been instructed in the safe operation of the appliance and understand any risks that may result. This is subject to the appliance having been installed as described. Children from the age of 3 to 7 must not regulate the appliance.
- The appliance may be used by children over 8 years of age and persons with reduced physical, sensory or mental capabilities or a lack of experience and expertise, provided that they are supervised or they have been instructed on how to use the appliance safely and have understood the potential risks.
- Children must never play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.



WARNING Injury

In closed rooms, temperatures can rapidly reach high levels. Ensure constant supervision if the appliance is operated in a small room and the persons within that room cannot regulate the appliance or leave the room on their own.



WARNING Burns

Never operate this appliance...

- if the distance from adjacent objects or other flammable materials would be less than the minimum permissible distance.
- in rooms where it is at risk of fire or explosion as a result of chemicals, dust, gases or vapours. Ventilate the room sufficiently before heating.
- in the direct proximity of pipes or receptacles that carry or contain flammable or explosive materials.
- if an appliance component is damaged, the appliance has fallen over or there is a fault.



WARNING Burns

- Never place any flammable, combustible or insulating objects or materials on the appliance or in direct proximity to it.
- Ensure that the air intake and discharge are never blocked.
- Never place any objects between the appliance and the wall.



WARNING Burns

The appliance is unsuitable for use as a floorstanding appliance. Only ever operate the appliance when it is mounted on the wall mounting bracket supplied (see chapter "Installation / Installation").



CAUTION Burns

Parts of the appliance can get very hot and may cause burns. Particular caution is advised when children or vulnerable persons are present.



WARNING Overheating

To prevent the appliance from overheating, never cover it with anything.



Material losses

- Ensure that the power cable is not touching the appliance.
- Never stand on the appliance.
- Never operate the appliance in the open air.

2.3 Test symbols

See type plate on the appliance.

3. Appliance description

The appliance is a wall mounted electric direct heater.

The appliance is suitable for use as a standalone heater or as an interim heater in spring/autumn and as a booster heater for smaller rooms.

The air inside the appliance is heated by a heating element and expelled via natural convection through the air discharge at the top. Cool indoor air is drawn in through the air intake on the underside of the appliance.

When the set room temperature is reached, it is maintained by periodic heating.

4. Commissioning



Note

For a short time after initial start-up and after longer breaks in use, a smell may develop briefly.

The appliance is ready for operation as soon as it has been fixed to the installation wall and connected to the mains via a junction box.

OPERATION

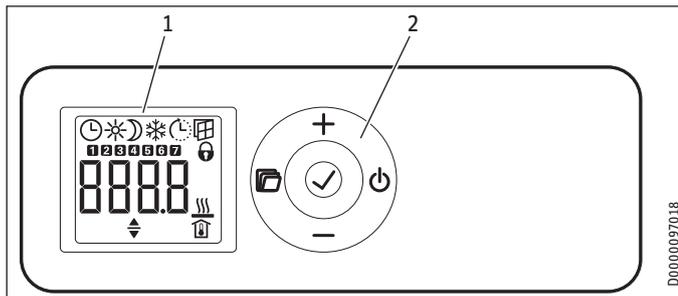
Operation

5. Operation

The appliance can be controlled either via the programming unit or via room control mode, in which case the adjustment options will be restricted. Room control operation must first be activated by means of a service tool (see chapter "Operation / Room control mode").

5.1 Programming unit

The programming unit is located at the top right of the appliance.



- 1 Display
- 2 User interface

5.1.1 User interface

Button	Designation	Description
	"Standby" button	Switch on the programming unit; Put programming unit and heating appliance into standby mode
	"OK" button	Selection; Confirm settings
	"Menu" button	Call up and exit menu
	"+" button	Call up menu items; Change settings
	"-" button	Call up menu items; Change settings

5.1.2 Display

If no user action occurs for 20 seconds, the backlighting switches off. Press any button to switch the background lighting on again.

Symbols

Symbol	Description
	Time display: Indication of the current time or a programmed start time Timer mode: The appliance heats in accordance with the enabled time program. Room control mode: In room control mode, the appliance heats the room in accordance with the settings sent from the service tool.
	Comfort mode: The appliance maintains the set comfort temperature. Standard setting: 21.0 °C. Use this setting for comfortable room temperatures when someone is present.

Symbol	Description
	Setback mode: The appliance maintains the selected setback temperature. Standard setting: 18.0 °C. Use this setting e.g. at night or when absent for several hours.
	Frost protection: The frost protection symbol is displayed if the set room temperature is set to 7.0 °C. Use this setting to protect an unused room from frost damage.
	Adaptive start: In timer mode, the heating appliance switching times are adjusted to ensure that, at the programmed start time, the respective set room temperature is already reached. Requirement: The "adaptive start" function is enabled (see chapter "Settings / Standard menu").
	Window open detection: To avoid unnecessary energy consumption while venting, the appliance automatically switches to frost protection mode for one hour if a window is opened. The "Window open detection" symbol flashes. After venting, frost protection mode can be terminated manually by pressing "+". The appliance then heats to the set room temperature again. Requirement: Window open detection is enabled (see chapter "Settings / Standard menu").
	Operating lock: The user interface is locked.
	Heating enabled: The appliance is heating to maintain the set room temperature.
	Room temperature display
	Editable parameter: The parameter shown can be changed using "+" and "-".
	Days of the week: 1 = Monday, 2 = Tuesday ... 7 = Sunday

5.2 Standby mode



Material losses

In standby mode, the appliance will not switch on heating under any circumstances. There will be no frost protection.

- ▶ To switch on the programming unit, press "Standby". The standard display appears.
- ▶ To put the programming unit and the heating appliance into standby mode, press "Standby". The display shows "----".

5.3 Operating lock

To lock or unlock the user interface, press and hold "+" and "-" simultaneously for 5 seconds.

OPERATION

Settings

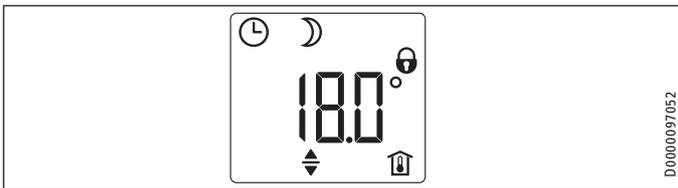
5.4 Room control mode

Room control mode can be configured and activated only via a service tool – for example, by the caretaker in a student hall of residence. Only limited adjustment options will be available to the appliance user.

The set room temperatures for Comfort, Setback and Frost protection modes are set via the service tool. In addition, for Comfort and Setback modes, a period can be specified during which the appliance operates in that mode (in Comfort mode, in Setback mode).

To prevent unnecessary energy use while the room is being ventilated, "window open detection" can be activated via the service tool (for window open detection, see chapter "Operation / Display").

When room control mode is activated, the appliance operates in setback mode.



On the display you will see the selected setback temperature and the setback mode symbol. The "time" and "operating lock" symbols are always displayed.

If you wish to check the current room temperature, hold down the "Menu" button. After approx. 3 seconds, the actual room temperature I1 is displayed.

Settings

You can reduce and then increase the set room temperature to any point between the maximum comfort temperature and the frost protection temperature using the "+" and "-" buttons.

Action	Description	Display
▶ Press the "+" button.	The appliance switches to Comfort mode and heats to the set comfort temperature.	
▶ Press the "+" button again.	The comfort temperature is increased by 1 °C.	
▶ Press the "+" button again.	No change	
▶ Press the "-" button.	The set room temperature returns to the comfort temperature again.	
▶ Press the "-" button again.	The comfort temperature is reduced by 1 °C.	

Action	Description	Display
▶ Press the "-" button again.	The appliance switches to setback mode.	
▶ Press the "-" button again.	The appliance switches to frost protection mode.	
▶ Press the "-" button again.	No change	

After a specified period has expired, the comfort temperature is reduced automatically to the setback temperature. If a period has been specified for setback mode, then once this period has expired, setback temperature will be reduced to the frost protection temperature. Otherwise the appliance continues to operate in setback mode.

6. Settings

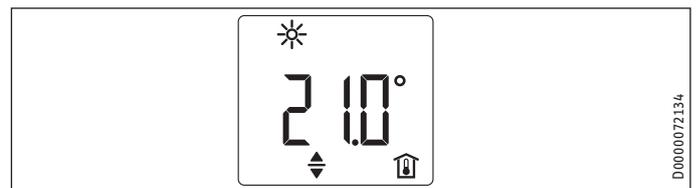
All settings are retained in the event of an interruption to the power supply. This appliance is equipped with a power reserve that ensures the day of the week and the time are saved for several hours.



Note

If the appliance had previously been in timer mode and then the power supply was interrupted for several hours, you will be prompted to set the day and time. Until this setting is made, the appliance will operate in comfort mode.

6.1 Standard display



The standard display is continuously displayed. If no user action is performed for longer than 20 seconds while in the menu, the device automatically switches to the standard display.

The default display shows the current set room temperature as well as the "Editable parameter" symbol. You can use "+" and "-" to change the set room temperature.

If the set room temperature corresponds to one of the values set for the comfort or setback temperature, the symbol for the corresponding operating mode (comfort mode, setback mode) appears in the menu bar.

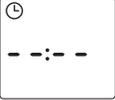
The set room temperature can also be changed manually when in timer mode. The changed set room temperature is maintained until the next programmed switching point is reached.

OPERATION

Settings

6.2 Standard menu

To access the standard menu, briefly press "Menu". You can now call up the following menu items:

Display	Description
	Select day of the week and time Days of the week: 1 = Monday to 7 = Sunday
	Select comfort temperature The comfort temperature must be set at least 0.5 °C higher than the setback temperature.
	Select setback temperature The setback temperature must be set to at least 0.5 °C lower than the comfort temperature.
	Switch "Window open detection" function on and off
	Select or deactivate (off) the time program (Pro1, Pro2, Pro3)
	Switch "Adaptive start" function on and off

To change the setting of a menu item, call the relevant menu item up using "+" and "-". Press "OK".

As soon as the "Editable parameter" symbol appears, you can change the setting of the menu item with "+" and "-". Press "OK" to save the setting.

To exit the standard menu, press "Menu". The standard display appears.

6.3 Configuration menu

Display	Description
I1-I2	Actual values
Pro1-Pro3	Time programs
P1-P5	Parameter

In the configuration menu, you can call up actual values, program time programs for timer mode and set parameters.

To access the configuration menu, press and hold "Menu". After approx. 3 seconds, actual value I1 is displayed.

Use "+" and "-" to switch between the individual actual values, time programs and parameters.

To exit the configuration menu, press "Menu". The standard display appears.

6.3.1 Actual values

The following actual values can be called up:

Display	Description	Unit
I1	Actual room temperature	[°C] [°F]
I2	Relative heating time (The counter can be reset via parameter P5.)	[h]



Note

The counter for relative heating time (I2) counts in complete hours how long the appliance heats for. When the appliance is switched off, any heating phase of less than 60 minutes is not recorded.

6.3.2 Time programs

There are three time programs available when using the appliance in timer mode. Time programs Pro1 and Pro2 are pre-configured at the factory. Time program Pro3 can be set according to your individual requirements.

Display	Description
Pro1	Time program "Daily" - Repeated: Monday to Sunday
Pro2	Time program "Weekdays" - Repeated: Monday to Friday
Pro3	Time program "User defined" - up to 14 comfort phases, freely configurable



Note

To use timer mode, select the required time program in the standard menu (see chapter "Settings / Standard menu").



Note

Ensure the day of the week and the time are set correctly when setting the time programs.



Note

The following applies to all time programs (Pro1, Pro2, Pro3):
If the end time is later than 23:59 h, the end time will automatically be moved to the next day of the week. The comfort phase is maintained past midnight and will end on the next day at the set end time.

Time programs Pro1 and Pro2

You can specify the comfort mode start and end times with time programs Pro1 and Pro2. During this time period, the appliance heats to the set comfort temperature. Outside this specified time period, the appliance operates in setback mode. This results in a comfort phase and a setback phase, which are repeated daily (Pro1) or on every working day (Pro2).

These phases are factory-set as follows:

- 08:00 h - 22:00 h: Comfort mode
- 22:00 h - 08:00 h: Setback mode

OPERATION

Settings



Note

When time program Pro2 is enabled, the appliance operates at weekends exclusively in setback mode.

To adapt time programs Pro1 and Pro2 according to your needs, proceed as follows:

- ▶ In the configuration menu, use "+" and "-" to call up the required time program.
- ▶ Press "OK".
The start time for comfort mode is displayed.
- ▶ Use "+" and "-" to set the required start time.
- ▶ Press "OK".
The end time for comfort mode is displayed.
- ▶ Use "+" and "-" to set the required end time.
- ▶ Press "OK" to save.

Time program Pro3

You can use time program Pro3 to specify up to 14 separate comfort phases which are repeated weekly.

To configure a comfort phase in time program Pro3, proceed as follows:

- ▶ In the configuration menu, use "+" and "-" to call up time program Pro3.
- ▶ Press "OK".
The display shows "3---".
- ▶ Press "OK".
A day of the week or a group of days is displayed.
- ▶ Use "+" and "-" to select the required day or group of days.
- ▶ Press "OK".
The start time for comfort mode is displayed.
- ▶ Use "+" and "-" to set the required start time.
- ▶ Press "OK".
The end time for comfort mode is displayed.
- ▶ Use "+" and "-" to set the required end time.
- ▶ Press "OK".
Comfort phase "3-01" has been configured.
- ▶ To configure a further comfort phase, use "+" and "-" in time program Pro3 to select display "3---". Proceed as describe above.



Note

To reset the selected comfort phases, activate parameter P4.

- ▶ Please note that activating parameter P4 resets all time programs (Pro1, Pro2, Pro3) to the factory setting.

6.3.3 Parameter

You can call up the following parameters:

Display	Description	Options
P1	Room temperature offset	± 3 °C ± 5 °F
P2	Time format	12 h 24 h
P3	Temperature display unit	°C °F
P4	Reset time programs (timer mode).	on off
P5	Reset relative heating time	on off

To change the value of a parameter, use "+" and "-" to call up the relevant parameter. Press "OK".

As soon as the "Editable parameter" symbol appears, you can change the parameter value with "+" and "-". Press "OK" to save the selected value.

P1: Room temperature offset

Uneven temperature distribution in the room can result in a differential between displayed actual temperature I1 and the room temperature you measure. To compensate for this differential, a room temperature offset of ± 3 °C can be set via parameter P1.

Example: The appliance indicates I1 = 21.0 °C. You have measured a room temperature of 20.0 °C. There is a differential of 1.0 °C.

- ▶ To compensate for the differential, select an offset of P1 = -1.0.

P2: Time format

Parameter P2 allows you to specify whether the time is displayed in the 12 hour or 24 hour format.

P3: Temperature display unit

Parameter P3 is used to specify whether the room temperature is displayed in degrees Centigrade [°C] or Fahrenheit [°F].

P4: Reset time programs

Activating parameter P4 resets all time programs to the factory setting.

P5: Reset relative heating time

Activating parameter P5 resets the counter for relative heating time (I2).

7. Cleaning, care and maintenance

The appliance contains no user serviceable parts.



Material losses

- Never spray cleaning spray into the air slot.
- Ensure that no moisture can enter the appliance.

- If a pale brownish discolouration appears on the appliance casing, wipe it off with a damp cloth.
- Clean the appliance when cold with ordinary cleaning products. Avoid abrasive or corrosive cleaning products.



Note

We recommend having the control components checked as part of regular maintenance.

- ▶ Have a qualified contractor check the safety and control components no more than 10 years after commissioning.

8. Troubleshooting

Problem	Cause	Remedy
Room does not get warm enough. Appliance does not get hot.	Temperature set too low on the appliance.	Check the selected room temperature. Adjust if necessary.
	No power supply.	Check position of the ON/OFF switch, RCD and fuse/MCB in the distribution board.
Room does not get warm enough although the appliance is hot.	Overheating. High limit safety cut-out limits heating output.	Eliminate the cause (dirt or obstructions at the air intake or discharge). Observe minimum clearances.
	Heat demand of the room is higher than the appliance output.	Remedy heat losses (Close windows and doors. Avoid constant venting.)
The room gets too hot.	Appliance temperature is set too high.	Check the selected room temperature. Adjust if necessary.
	Detected room temperature does not match actual room temperature.	Avoid obstructions to air changes between appliance and indoor air.
Window open detection does not respond.	Appliance does not detect a pronounced temperature drop when venting. (Window open detection requires a previously stable room temperature.)	Wait a while after making settings on the appliance, until the room temperature has fully stabilised.
		Avoid obstructions to air changes between appliance and indoor air.
	Window open detection is not enabled.	Manually switch the appliance to standby mode for the duration of venting. Switch on window open detection in the standard menu.

Problem	Cause	Remedy
"Adaptive start" function does not work as required.	This function is only effective in timer mode.	Use the timer mode for optimised heating convenience.
	Severely fluctuating room temperature or the appliance learning procedure has not been completed.	Wait a few days for the behaviour to stabilise.
	"Adaptive start" function is not enabled.	Switch on the "Adaptive start" function in the standard menu.
"Err" or "E..." is displayed.	Internal fault detected.	Notify the qualified contractor.

If you cannot remedy the fault, contact your qualified contractor. To facilitate and speed up your enquiry, please provide the serial number from the type plate (000000-0000-000000).

INSTALLATION

9. Safety

Only a qualified contractor should carry out installation, commissioning, maintenance and repair of the appliance.

9.1 General safety instructions

We guarantee trouble-free function and operational reliability only if original accessories and spare parts intended for the appliance are used.



CAUTION Burns

- Only mount the appliance on a vertical wall that is temperature-resistant to at least 85 °C.
- Maintain the minimum clearances to adjacent objects.



Material losses

- Never install the appliance directly below a wall socket.
- Ensure that the power cable is not in contact with any appliance components.

9.2 Instructions, standards and regulations



Note

Observe all applicable national and regional regulations and instructions.

10. Appliance description

10.1 Standard delivery

The following are delivered with the appliance:

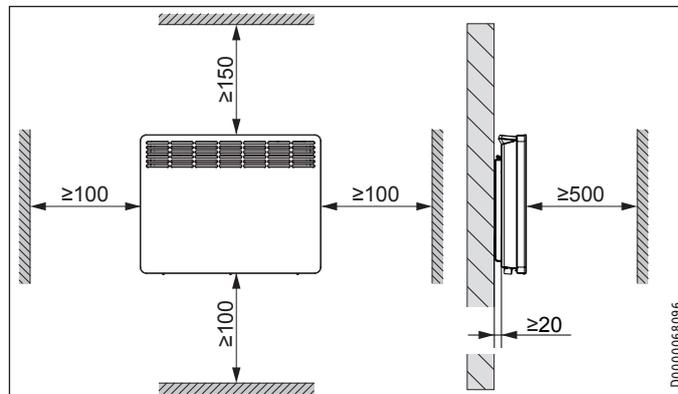
- Wall mounting bracket (hooked into the appliance)

10.2 Additional accessories

- Service tool CNS UK

11. Installation

11.1 Minimum clearances



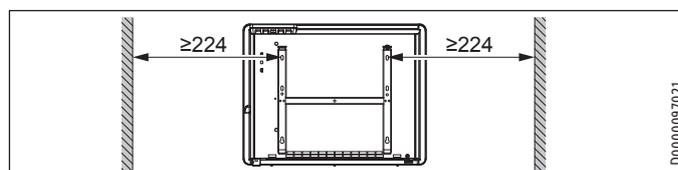
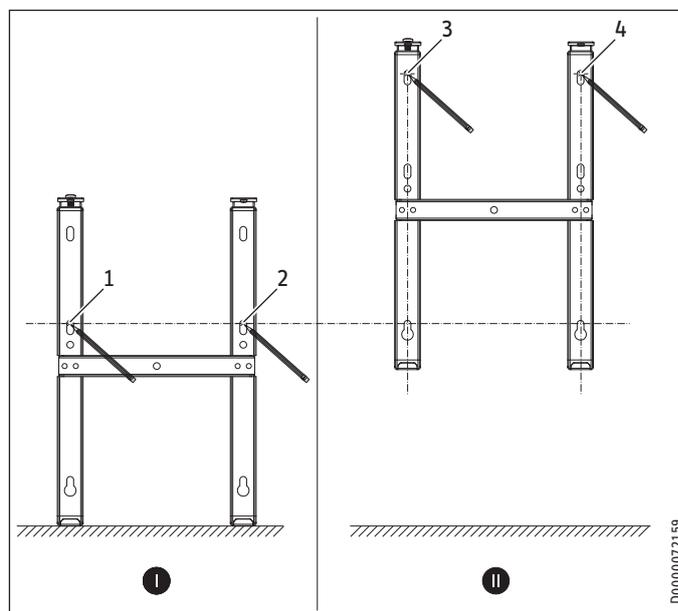
11.2 Installing the wall mounting bracket

The appliance is intended for wall mounting using the wall mounting bracket supplied. The appliance may only be installed horizontally.



Note

- The wall mounting bracket can be used as a template for wall mounting. This ensures sufficient clearance from the floor.
- Use a spirit level if the floor is uneven or sloping.

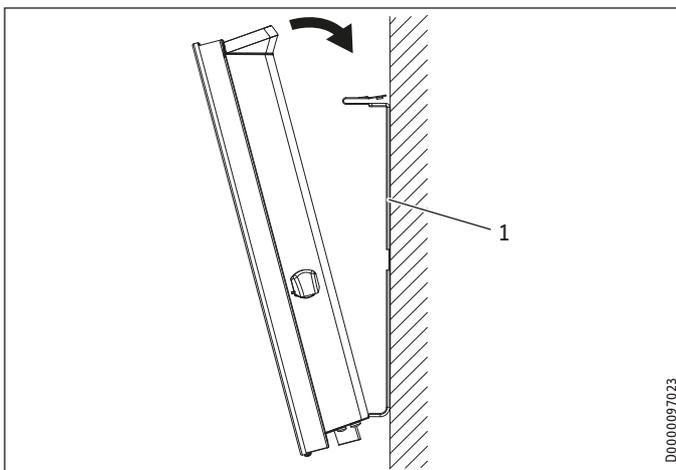


INSTALLATION

Commissioning

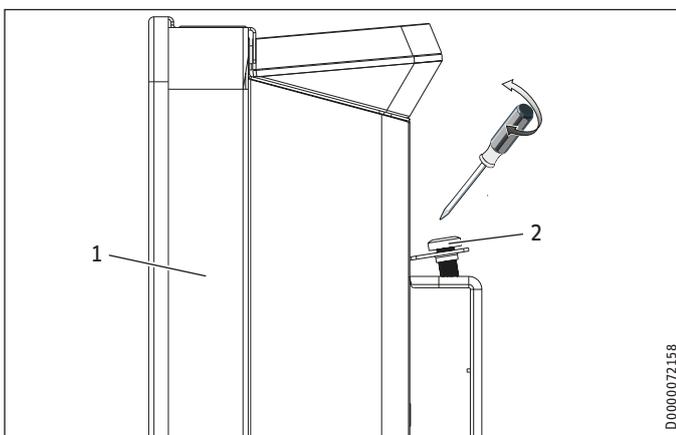
- ▶ Unhook the wall mounting bracket from the appliance.
- ▶ Place the centred wall mounting bracket horizontally on the floor. Mark holes 1 and 2.
- ▶ Lift up the wall mounting bracket so that its lower holes match up with the markings you have just made on the installation wall.
- ▶ Mark holes 3 and 4 on the installation wall.
- ▶ Drill the holes at the 4 markings.
- ▶ Secure the wall mounting bracket with suitable fixing materials (screws, rawl plugs). With the vertical slots, you can compensate for an offset fixing hole.

11.3 Appliance installation



1 Wall mounting bracket

- ▶ Hook the appliance onto the bottom tabs of the wall mounting bracket by the slots in the back of the appliance.
- ▶ Place the appliance in an upright position.
- ▶ Secure the appliance by pushing it towards the wall until it audibly snaps into place in the two upper springs on the wall mounting bracket.



1 Appliance
2 Locking screw

- ▶ Secure the appliance against unintentional release using the supplied locking screw on the left-hand side of the wall mounting bracket.

11.4 Removing the appliance

- ▶ Undo and remove the locking screw from the wall mounting bracket.
- ▶ To release the appliance, push down the springs at the top of the wall mounting bracket.
- ▶ Tilt the appliance away from the wall and lift it off the bottom tabs on the wall mounting bracket.

11.5 Electrical connection



WARNING Electrocutation

- Carry out all electrical connection and installation work in accordance with relevant regulations.
- The connection to the power supply must be in the form of a permanent connection. Ensure the appliance can be separated from the power supply by an isolator that disconnects all poles with at least 3 mm contact separation.
- Do not install the appliance with a fixed power cable.



Note

- Observe the type plate. The specified voltage must match the mains power supply.
- Ensure the on-site supply cable has an adequate cross-section.

The appliance is delivered with a power cable without a plug.

- ▶ Connect the power cable to an appliance junction box with earth conductor.

12. Commissioning

The appliance is ready for operation as soon as it has been fixed to the installation wall and connected to the mains via a junction box.

- ▶ Remove the protective film from the programming unit.

13. Appliance handover

Explain the functions of the appliance to the user. Draw special attention to the safety instructions. Hand over the operating and installation instructions to the user.

14. Shutting down the system

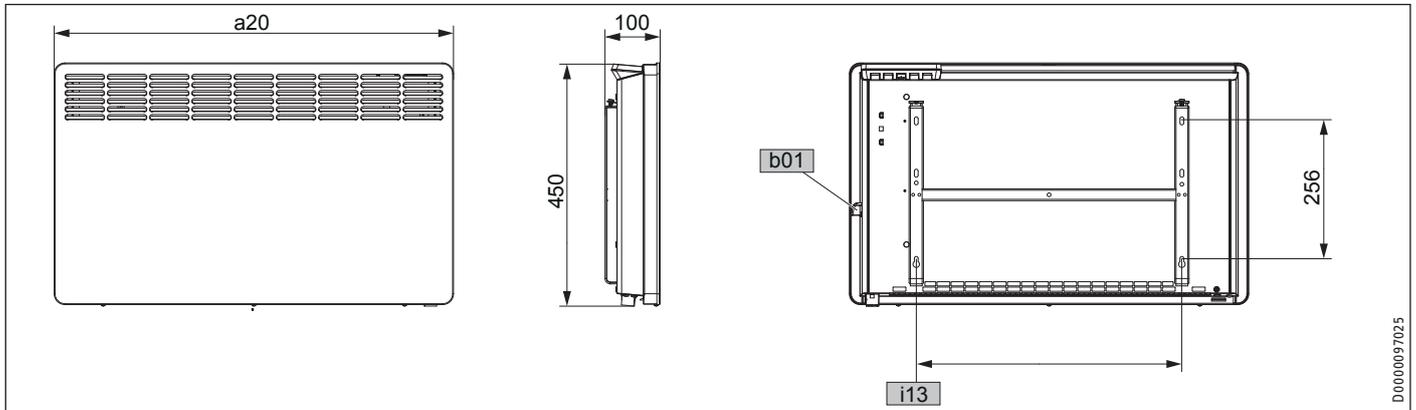
- ▶ Isolate all poles of the appliance from the power supply.

15. Troubleshooting

The power cable must only be replaced (for example if damaged) by a qualified contractor authorised by the manufacturer, using an original spare part.

16. Specification

16.1 Dimensions and connections



				CNS 50 Trend NC	CNS 75 Trend NC	CNS 100 Trend NC	CNS 150 Trend NC	CNS 200 Trend NC
a20	Appliance	Width	mm	348	426	426	582	738
b01	Entry electrical cables							
i13	Wall mounting bracket	Horizontal hole spacing	mm	101	179	179	335	491

16.2 Energy consumption data

The product data complies with EU regulations relating to the directive on the ecodesign of energy related products (ErP).

Product information on electric individual room heaters to regulation (EU) 2015/1188

		CNS 50 Trend NC	CNS 75 Trend NC	CNS 100 Trend NC	CNS 150 Trend NC	CNS 200 Trend NC
Manufacturer		202001 STIEBEL ELTRON	202002 STIEBEL ELTRON	202003 STIEBEL ELTRON	202004 STIEBEL ELTRON	202005 STIEBEL ELTRON
Heating output						
Rated heating output P_{nom}	kW	0.5	0.8	1.0	1.5	2.0
Minimum heating output (standard value) P_{min}	kW	0.0	0.0	0.0	0.0	0.0
Maximum continuous heating output $P_{max,c}$	kW	0.5	0.8	1.0	1.5	2.0
Auxiliary power consumption						
At rated heating output $e_{l,max}$	kW	0.000	0.000	0.000	0.000	0.000
At minimum heating output $e_{l,min}$	kW	0.000	0.000	0.000	0.000	0.000
In standby $e_{l,SB}$	kW	0.000	0.000	0.000	0.000	0.000
Type of heating output/room temperature control						
Single stage heating output, no room temperature control		-	-	-	-	-
Two or more manually selectable stages, no room temperature control		-	-	-	-	-
Room temperature control with mechanical thermostat		-	-	-	-	-
With electronic room temperature control		-	-	-	-	-
Electronic room temperature control and time of day control		-	-	-	-	-
Electronic room temperature control and day of week control		x	x	x	x	x
Other control options						
Room temperature control with motion detection		-	-	-	-	-
Room temperature control with window open detection		x	x	x	x	x
With remote control option		-	-	-	-	-
With adaptive control of heating start		x	x	x	x	x
With operating time limitation		-	-	-	-	-
With black bulb sensor		-	-	-	-	-

INSTALLATION

Specification

16.3 Data table

		CNS 50 Trend NC 202001	CNS 75 Trend NC 202002	CNS 100 Trend NC 202003	CNS 150 Trend NC 202004	CNS 200 Trend NC 202005
Electrical data						
Connected load	W	500	750	1000	1500	2000
Power supply		1/N/PE ~ 240 V	1/N/PE ~ 240 V	1/N/PE ~ 240 V	1/N/PE ~ 240 V	1/N/PE ~ 240 V
Voltage range	V	230-240	230-240	230-240	230-240	230-240
Rated current	A	2.1	3.1	4.2	6.3	8.3
Frequency	Hz	50/-	50/-	50/-	50/-	50/-
Energy data						
Room heating seasonal efficiency η_s	%	39	39	39	39	39
Dimensions						
Height	mm	450	450	450	450	450
Width	mm	348	426	426	582	738
Depth	mm	100	100	100	100	100
Weights						
Weight	kg	4.0	4.6	4.6	6.0	7.7
Versions						
Frost protection setting	°C	7	7	7	7	7
Version		Wall mounted unit	Wall mounted unit	Wall mounted unit	Wall mounted unit	Wall mounted unit
IP rating		IP 24	IP 24	IP 24	IP 24	IP 24
Protection class		I	I	I	I	I
Colour		alpine white	alpine white	alpine white	alpine white	alpine white
Values						
Setting range	°C	5-30	5-30	5-30	5-30	5-30

Guarantee

The guarantee conditions of our German companies do not apply to appliances acquired outside of Germany. In countries where our subsidiaries sell our products a guarantee can only be issued by those subsidiaries. Such guarantee is only granted if the subsidiary has issued its own terms of guarantee. No other guarantee will be granted.

We shall not provide any guarantee for appliances acquired in countries where we have no subsidiary to sell our products. This will not affect warranties issued by any importers.

Environment and recycling

We would ask you to help protect the environment. After use, dispose of the various materials in accordance with national regulations.

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STIEBEL ELTRON



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