

CNS-U 500 Plus LCD (UK) /  
CNS-U 750 Plus LCD (UK) /  
CNS-U 1000 Plus LCD (UK) /  
CNS-U 1500 Plus LCD (UK) /  
CNS-U 2000 Plus LCD (UK) /  
CNS-U 2500 Plus LCD (UK) /  
CNS-U 3000 Plus LCD (UK)

---

Wall mounted convector

2

---



# Table of contents

---

1	Special information .....	3
2	General information .....	3
2.1	Symbols in this document .....	3
2.2	Symbols on the appliance.....	3
2.3	Units of measurement .....	3
3	Safety.....	3
3.1	Structure of the warning notices.....	3
3.2	Intended use .....	4
3.3	Foreseeable misuse.....	4
3.4	Safety instructions.....	4
4	Appliance description.....	4
4.1	Standard delivery .....	5
5	Installation (qualified contractors).....	5
5.1	Installation site.....	5
5.2	Installing the wall mounting bracket .....	5
5.3	Installing the appliance .....	5
5.4	Electrical connection .....	6
6	Commissioning (qualified contractors) .....	6
7	Operation.....	6
7.1	Switching the appliance on and off.....	6
7.2	Programming unit.....	7
7.3	Operating buttons .....	7
7.4	Display.....	7
7.5	Standby.....	7
8	Settings.....	7
8.1	Default display .....	7
8.2	Standard menu .....	8
8.3	Configuration menu .....	8
9	Cleaning (users).....	9
10	Troubleshooting (users) .....	9
11	Troubleshooting (qualified contractors) .....	10
12	Removal.....	10
13	Specification .....	10
13.1	Dimensions and connections .....	10
13.2	Energy consumption data .....	11
13.3	Data table .....	11
14	Guarantee.....	12
15	Environment and recycling.....	12

## 1 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 8 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 8 must not regulate the appliance.
- This appliance may be used by people (including children) with reduced physical, sensory or mental capabilities or a lack of experience and knowledge, provided that they are supervised or have been instructed on how to use the appliance safely by a person responsible for their safety.
- Children must be supervised to ensure that they do not play with the appliance.
- 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.
- Observe all applicable national and regional regulations and instructions.
- 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.
- In the case of a permanent connection, ensure the appliance can be separated from the power supply by an isolator with at least 3 mm omnipolar contact separation.
- To prevent hazards, 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 in place as described in chapter *Installation (qualified contractors)* [▶ 5].

## 2 General information



Read these instructions carefully before using the appliance and retain them for future reference. Pass on these instructions along with the appliance as necessary.

### 2.1 Symbols in this document

Symbol	Meaning
	This symbol indicates possible property damage, equipment damage, consequential damage or environmental damage.
	General information is indicated by the adjacent symbol.
	This symbol indicates that you have to do something.
	This symbol indicates that you must fulfil certain prerequisites before you perform the following steps.
	This symbol indicates a result or intermediate result.
	These symbols show you the software menu level (in this example level 3).
	This symbol indicates a reference to the corresponding page number (page 11 in this example).

### 2.2 Symbols on the appliance

Symbol	Meaning
	<b>WARNING</b> Overheating ▶ To prevent the appliance from overheating, never cover it with anything.
	▶ To prevent potential hazards, read these instructions carefully before use.
	Do not dispose of the appliance as unsorted waste, but take it to separate collection points for reuse and recycling.

### 2.3 Units of measurement

All measurements are given in mm unless stated otherwise.

## 3 Safety

### 3.1 Structure of the warning notices

#### 3.1.1 Section-specific warning notices

Section-specific warning notices apply to all steps in the section.

#### Injury

CAUTION	
	<b>Type and source of risk</b> Consequence(s) of failure to observe the warning notice ▶ Hazard prevention measure(s)

## Property damage, consequential losses, environmental pollution

### NOTICE



#### Type and source of risk

Consequence(s) of failure to observe the warning notice

► Hazard prevention measure(s)

### 3.1.2 Embedded warning notices

Embedded warning notices apply only to the step immediately following the notice.

► **SIGNAL WORD: Consequence(s) of failure to observe the warning notice. Hazard prevention measure(s).** Step to which the warning notice refers

### 3.1.3 Key to symbols

Symbol	Type of risk
	Injury
	Electrocution
	Burns, scalding

### 3.1.4 Signal words

Signal word	Meaning
DANGER	Failure to observe this information will result in death or serious injury
WARNING	Failure to observe this information may result in death or serious injury
CAUTION	Failure to observe this information may result in moderate or minor injury
NOTICE	Failure to observe this information may result in property damage, consequential losses or environmental damage

## 3.2 Intended use

This appliance is designed to heat living spaces.

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.

Observation of these instructions and of instructions for any accessories used is also part of the intended use of this appliance.

## 3.3 Foreseeable misuse

Any other use beyond that described shall be deemed to be outside the intended use.

## 3.4 Safety instructions

### 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 8 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 8 must not regulate the appliance.

- This appliance may be used by people (including children) with reduced physical, sensory or mental capabilities or a lack of experience and knowledge, provided that they are supervised or have been instructed on how to use the appliance safely by a person responsible for their safety.
- Children must be supervised to ensure that they do not play with the appliance.
- 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.
- 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 there 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.
- Never place any flammable, combustible or insulating objects or materials on the appliance or in direct proximity to it.
- 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.
- Ensure that the air intake and discharge are never blocked.
- Never place any objects between the appliance and the wall.
- 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 (qualified contractors)* [► 5]).

## Property damage, consequential losses, environmental pollution

- Ensure that the power cable does not touch the appliance.
- Never stand on the appliance.
- Never operate the appliance in the open air.
- We guarantee trouble-free function and operational reliability only if original accessories and spare parts intended for the appliance are used.

## 4 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.

## 4.1 Standard delivery

- 1x wall mounting bracket (hooked into the appliance)

## 5 Installation (qualified contractors)

### 5.1 Installation site

#### CAUTION



#### Burns

- ▶ Only mount the appliance on a vertical wall that is temperature-resistant to at least 85 °C.

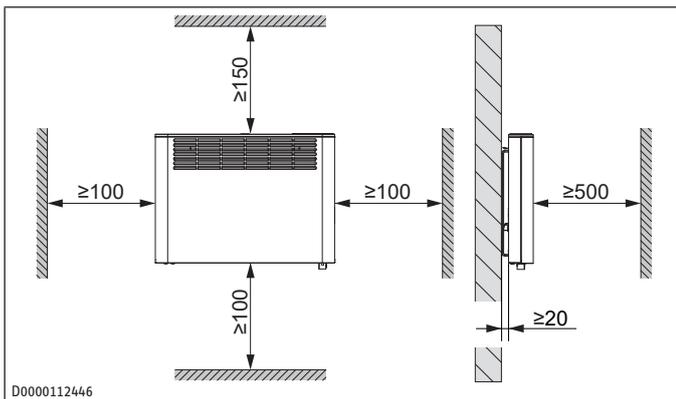
#### NOTICE



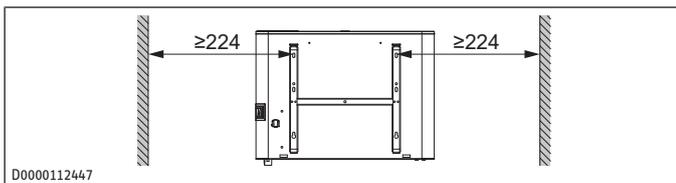
#### Property damage

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

#### 5.1.1 Minimum clearances



D0000112446



D0000112447

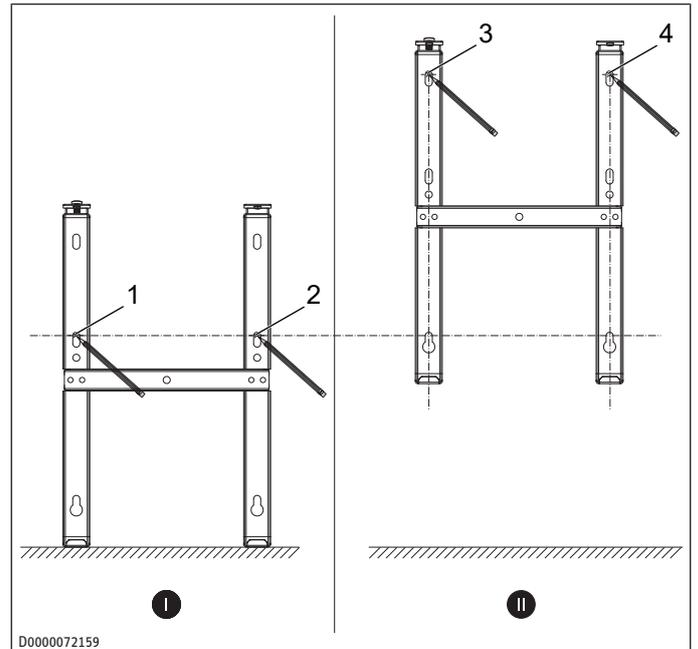
### 5.2 Installing the wall mounting bracket

The appliance is intended for wall mounting using the wall mounting bracket supplied.



- ▶ Only mount the appliance horizontally on the wall.
- ▶ The wall mounting bracket can be used as a template for wall mounting. This ensures sufficient clearance from the floor.

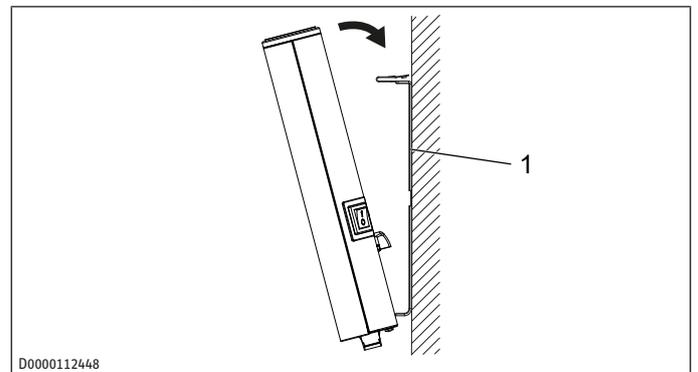
- ▶ Unhook the wall mounting bracket from the appliance.
- ▶ Place the wall retainer horizontally on the floor. Use a spirit level if the floor is uneven or sloping.



D0000072159

- ▶ Mark out holes 1 and 2 for drilling.
- ▶ Lift up the wall mounting bracket so that its lower slots match up with the drill hole markings on the installation wall.
- ▶ Mark out holes 3 and 4 for drilling.
- ▶ Drill the holes.
- ▶ Secure the wall mounting bracket with suitable fixing materials (screws, rawl plugs). Any drill hole discrepancies can be compensated for with the slots.

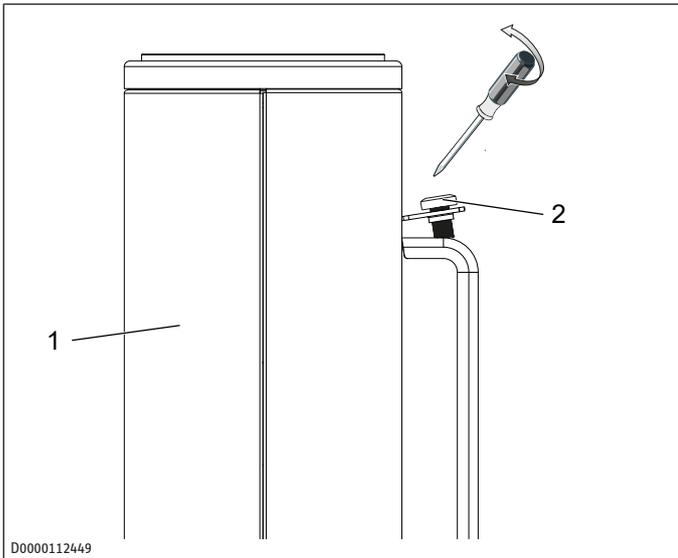
### 5.3 Installing the appliance



D0000112448

#### 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.
  - ▶ Push the appliance towards the supporting wall.
- ⇒ The appliance audibly snaps into place in the two upper springs on the wall mounting bracket.



D0000112449

- 1 Appliance
- 2 Locking screw

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

## 5.4 Electrical connection

### WARNING



#### Electrocution

Incorrect electrical connection and installation work can lead to serious injury due to electrocution.

- Carry out all electrical connection and installation work in accordance with national and regional regulations.
- In the case of a permanent connection, ensure that the appliance can be disconnected from the power supply by an isolator with at least 3 mm omnipolar contact separation.
- Please note that installing the appliance with a fixed power cable is not permissible.

### NOTICE

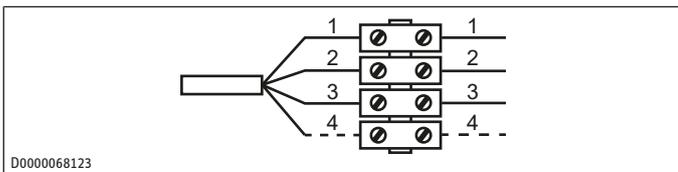


#### Property damage

If the appliance is not operated at the correct mains voltage, it will be damaged.

- Operate the appliance at the mains voltage stated on the type plate.
- Ensure the on-site supply cable has an adequate cross-section.

The appliance is delivered with a power cable without plug.



D0000068123

► Connect the 4-core cable to a junction box as shown.

The following electrical connections are permissible:

#### Appliance connected without control cable

Unregulated appliance. The control cable is not connected.

► In this case, insulate the control cable.

#### Temperature setback via control cable

To reduce the temperature to the set setback temperature, the black control cable is activated via an external electronic contact (e.g. a time switch).

#### Connection of control cable to an external control unit

The appliance can be connected to any control unit that issues control signals with any of the following waveforms.

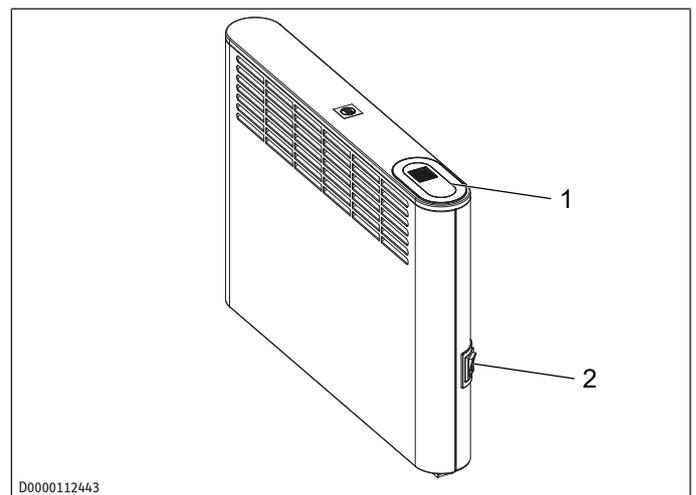
Signal	Oscilloscope	Operating mode	Heating temperature
No power		Comfort mode	Set comfort temperature
Complete wave 230 V		Setback mode	Set setback temperature
Half wave, negative -115 V		Frost protection	Frost protection temperature
Half wave, positive +115 V		Stop	None
Complete wave 230 V for 3 seconds		Comfort mode -1 °C	1 °C below set comfort temperature
Complete wave 230 V for 7 seconds		Comfort mode -2 °C	2 °C below set comfort temperature

## 6 Commissioning (qualified contractors)

The appliance is ready for operation as soon as it has been fixed to the wall and permanently connected to the mains.

► Remove the protective film from the programming unit.

## 7 Operation



D0000112443

- 1 Programming unit
- 2 ON/OFF switch

### 7.1 Switching the appliance on and off

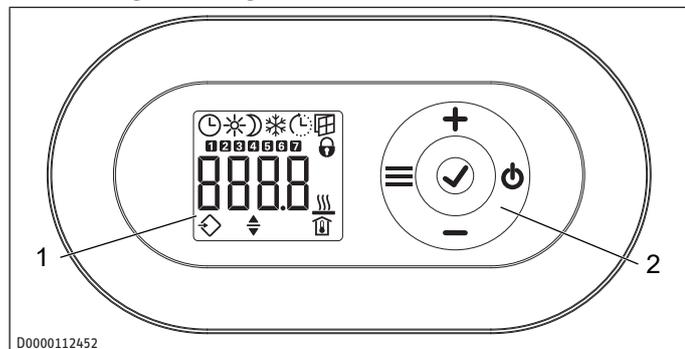


On initial start-up and after longer breaks in use, an odour may develop briefly after switching on.

- Switch the appliance on and off using the ON/OFF switch.
- Switch the appliance off when not in use for longer periods (e.g. during the summer months).

All settings remain intact after switching off or after an interruption to the power supply. A power reserve in the appliance ensures that the day of the week and the time are saved for several hours. If the appliance has been switched off for a longer time with a time program activated, you will be prompted to set the day and time after switching it back on. Until this setting is made, the appliance will operate in comfort mode.

### 7.2 Programming unit



1 Display 2 Operating buttons

### 7.3 Operating buttons

But-ton	Designation	Description
	"Standby" button	Switch on the programming unit; Put programming unit and heating appliance into standby
	"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

### 7.4 Display

If no button is pressed for 20 seconds, the backlighting switches off.

► Press any button to switch the backlighting back on.

Sym-bols	Description
	Time indication: Indication of the current time or a programmed start time
	Time program activated: The appliance heats in accordance with the enabled time program.
	Comfort mode: The appliance maintains the set comfort temperature. Default value: 21.0 °C. Use this setting for comfortable room temperatures when someone is present.
	Setback mode: The appliance maintains the selected setback temperature. Default value: 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 room temperature is set to 7.0 °C. Use this setting to protect an unused room from frost damage.

Sym-bols	Description
	Adaptive start: With a time program activated, the heating appliance switching times are adjusted to ensure that the selected set room temperature is already reached by the programmed start time. Requirement: The "adaptive start" function is enabled (see chapter <i>Standard menu</i> [▶ 8]).
	Window-open detection: To avoid unnecessary energy consumption while airing the room, the appliance automatically switches to frost protection mode for one hour if a window is opened. The "Window-open detection" symbol flashes. After airing, 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 <i>Standard menu</i> [▶ 8]).
	Operating lock: To lock or unlock the user interface, press and hold "+" and "-" simultaneously for 5 seconds.
	Heating enabled: The appliance is heating to maintain the set room temperature.
	Room temperature indication
	Editable parameter: The parameter shown can be changed using "+" and "-".
	External input (FP): The appliance can be connected to an external control unit. Depending on the control unit setting, the appliance either heats in comfort, setback or frost protection mode at certain times of the day or does not heat at all.
	Days of the week: 1 = Monday, 2 = Tuesday ... 7 = Sunday

### 7.5 Standby

#### NOTICE

**Property damage**  
In standby mode, the appliance will not switch on the heating. There will be no frost protection.

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

## 8 Settings

### 8.1 Default display



The default display is displayed continuously. If no user input is made for more than 20 seconds while in the menu, the device automatically returns the default display.

The default display shows the current set room temperature as well as the "Editable parameter" symbol.

- ▶ Use "+" and "-" to select the set room temperature.

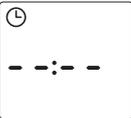
If the set room temperature corresponds to one of the values set for the comfort or setback temperature, the symbol for the corresponding operating mode (comfort mode, setback mode) appears in the menu bar.

The set room temperature can be changed manually when a time program is active. The new set room temperature is maintained until the next programmed switching point is reached.

## 8.2 Standard menu

- ▶ To call up the standard menu, briefly press "Menu".

### Menu items

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

### Changing the menu item settings

- ▶ Call up the required menu item using "+" and "-".
- ▶ Press "OK".
- ⇒ The "Editable parameter" symbol appears.
- ▶ Change the menu item setting using "+" and "-".
- ▶ To save the setting, press "OK".
- ▶ To exit the standard menu, press "Menu".
- ⇒ The default display appears.

## 8.3 Configuration menu

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

### Calling up actual values, programming time programs and setting parameters

- ▶ To call up the configuration menu, press and hold the button.
- ⇒ 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 default display appears.

#### 8.3.1 Actual values

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



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

#### 8.3.2 Setting time programs (weekly timer)

Three time programs are available. 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, user-configurable



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.

- ▶ To use a time program, select the required time program in the standard menu (see chapter *Standard menu* [▶ 8]).
- ▶ When setting the time programs, ensure the day of the week and the time are set correctly.

#### Time programs Pro1 and Pro2

With time programs Pro1 and Pro2, you can specify the comfort mode start and end times. During the selected period, the appliance heats to the set comfort temperature. Outside this specified 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



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

To configure comfort phases in time programs Pro1 and Pro2:

- ▶ In the configuration menu, call up the required time program using "+" and "-".
- ▶ 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.
- ▶ To save the setting, press "OK".

### 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:

- ▶ In the configuration menu, call up the time program Pro3 using "+" and "-".
- ▶ 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 these buttons in time program Pro3 to select "3---" on the display. Proceed as describe above.

### Resetting the time programs



Activating parameter P4 resets all time programs (Pro1, Pro2, Pro3) to the factory setting.

- ▶ To reset the selected comfort phases, activate parameter P4.

### 8.3.3 Parameter

Display	Description	Options
P1	Room temperature offset	±3 °C / ±5 °F
P2	Time format	12 h   24 h
P3	Units for temperature indication	°C   °F
P4	Reset time programs	on   off
P5	Reset relative heating time	on   off

### Changing a parameter value

- ▶ Call up the required parameter using "+" and "-".
- ▶ Press "OK".
- ⇒ The "Editable parameter" symbol appears.
- ▶ Select the required parameter value using "+" and "-".
- ▶ Press "OK" to save the selected value.

### P1: Room temperature offset

Uneven temperature distribution in the room can result in a differential between the 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 with parameter P1.

Example: The appliance displays a temperature I1 of 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: Units for temperature indication

Parameter P3 is used to specify whether the room temperature is displayed in degrees Celsius [°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).

## 9 Cleaning (users)

### NOTICE



#### Property damage

If moisture enters the appliance, the electronic components may be damaged.

- ▶ 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.

## 10 Troubleshooting (users)

Fault	Possible 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 your fuse box.
Room does not get warm enough although the appliance is hot.	Overheating. The high limit safety cut-out limits the heating output.	Eliminate the cause (dirt or obstructions at the air intake or outlet). Observe the minimum clearances.
	Heat demand of the room is higher than the appliance output.	Remedy heat losses (close windows and doors; avoid constant airing).

# Troubleshooting (qualified contractors)

Fault	Possible cause	Remedy
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 flow between appliance and indoor air.
Window-open detection does not respond.	Appliance does not detect a pronounced temperature drop when airing. (Window-open detection requires a previously stable room temperature.)	After making settings on the appliance, wait a while until the room temperature has fully stabilised. Avoid obstructions to air flow between appliance and indoor air. Manually switch the appliance to standby while windows are open.
	Window-open detection is not enabled.	Switch on window-open detection in the standard menu.
	"Adaptive start" function does not work as required.	This function is only effective when a time program is active. Severely fluctuating room temperature or the appliance learning procedure has not been completed. "Adaptive start" function is not enabled.

Fault	Possible cause	Remedy
Appliance is in "FP" program but does not respond to external input.	When the appliance does not detect a signal at the external input, it heats in comfort mode.	Check external control unit and its settings. Wiring must be installed correctly and with correct polarity.
The display shows "Err" or "E...".	Internal fault detected.	Notify a qualified contractor.

- ▶ If you cannot remedy the fault, contact your qualified contractor.
- ▶ To facilitate and speed up your enquiry, please provide the qualified contractor with the number from the type plate.

## 11 Troubleshooting (qualified contractors)

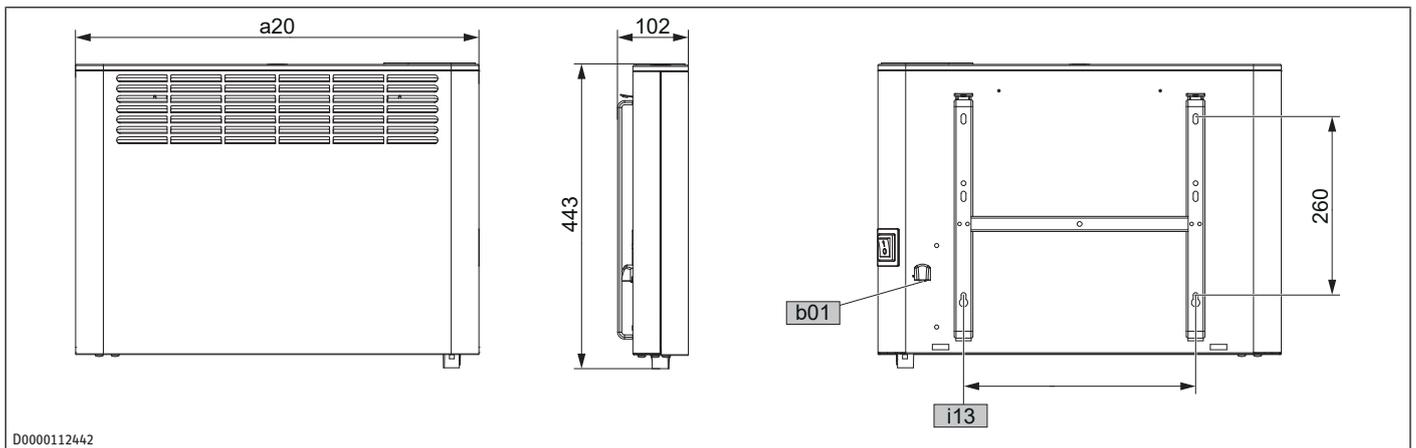
To prevent hazards, the power cable must only be replaced (for example if damaged) by a qualified contractor authorised by the manufacturer, using an original spare part.

## 12 Removal

- ▶ 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 forwards.
- ▶ Lift the appliance off the bottom tabs on the wall mounting bracket.

## 13 Specification

### 13.1 Dimensions and connections



				CNS-U 500 Plus LCD (UK)	CNS-U 750 Plus LCD (UK)	CNS-U 1000 Plus LCD (UK)	CNS-U 1500 Plus LCD (UK)	CNS-U 2000 Plus LCD (UK)	CNS-U 2500 Plus LCD (UK)	CNS-U 3000 Plus LCD (UK)
a20	Appliance	Width	mm	348	426	426	582	738	894	1050
b01	Entry electrical cables									
i13	Wall mounting bracket	Horizontal hole spacing	mm	101	179	179	335	491	647	803

### 13.2 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 local space heaters to regulation (EU) 2015/1188

		CNS-U 500 Plus LCD (UK)	CNS-U 750 Plus LCD (UK)	CNS-U 1000 Plus LCD (UK)	CNS-U 1500 Plus LCD (UK)	CNS-U 2000 Plus LCD (UK)	CNS-U 2500 Plus LCD (UK)	CNS-U 3000 Plus LCD (UK)
		205867	205868	205869	205870	205871	205872	205873
Manufacturer		STIEBE L EL- TRON	STIEBE L EL- TRON	STIEBE L EL- TRON	STIEBE L EL- TRON	STIEBE L EL- TRON	STIEBE L EL- TRON	STIEBE L EL- TRON
<b>Heat output</b>								
Nominal heat output $P_{nom}$	kW	0.5	0.8	1.0	1.5	2.0	2.5	3.0
Minimum heat output (indicative) $P_{min}$	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum continuous heat output $P_{max,c}$	kW	0.5	0.8	1.0	1.5	2.0	2.5	3.0
<b>Auxiliary electricity consumption</b>								
At nominal heat output $e_{l,max}$	kW	0.000	0.000	0.000	0.000	0.000	0.000	0.000
At minimum heat output $e_{l,min}$	kW	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In standby mode $e_{l,SB}$	kW	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Type of heat output/room temperature control</b>								
Single stage heating output, no room temperature control		-	-	-	-	-	-	-
Two or more manual stages, no room temperature control		-	-	-	-	-	-	-
With mechanical thermostat room temperature control		-	-	-	-	-	-	-
With electronic room temperature control		-	-	-	-	-	-	-
With electronic room temperature control plus day timer		-	-	-	-	-	-	-
With electronic room temperature control plus week timer		x	x	x	x	x	x	x
<b>Other control options</b>								
Room temperature control, with presence detection		-	-	-	-	-	-	-
Room temperature control, with open window detection		x	x	x	x	x	x	x
With distance control option		-	-	-	-	-	-	-
With adaptive start control		x	x	x	x	x	x	x
With working time limitation		-	-	-	-	-	-	-
With black bulb sensor		-	-	-	-	-	-	-

### 13.3 Data table

		CNS-U 500 Plus LCD (UK)	CNS-U 750 Plus LCD (UK)	CNS-U 1000 Plus LCD (UK)	CNS-U 1500 Plus LCD (UK)	CNS-U 2000 Plus LCD (UK)	CNS-U 2500 Plus LCD (UK)	CNS-U 3000 Plus LCD (UK)
		205867	205868	205869	205870	205871	205872	205873
<b>Electrical data</b>								
Connected load	W	500	750	1000	1500	2000	2500	3000
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	1/N/ PE~240 V	1/N/ PE~240 V
Rated current	A	2.1	3.1	4.2	6.3	8.3	10.4	12.5
Frequency	Hz	50/-	50/-	50/-	50/-	50/-	50/-	50/-
<b>Energy data</b>								
Seasonal space heating energy efficiency $\eta_s$	%	39	39	39	39	39	39	39
<b>Dimensions</b>								
Height	mm	450	450	450	450	450	450	450
Width	mm	348	426	426	582	738	894	1050
Depth	mm	100	100	100	100	100	100	100
<b>Weights</b>								
Weight	kg	4	4.9	4.9	6.3	7.8	9.5	10.9
<b>Versions</b>								
Frost protection setting	°C	7	7	7	7	7	7	7
Version		Wall moun- ted ap- pliance	Wall moun- ted ap- pliance	Wall moun- ted ap- pliance	Wall moun- ted ap- pliance	Wall moun- ted ap- pliance	Wall moun- ted ap- pliance	Wall moun- ted ap- pliance
IP rating		IP24	IP24	IP24	IP24	IP24	IP24	IP24

		CNS-U 500 Plus LCD (UK)	CNS-U 750 Plus LCD (UK)	CNS-U 1000 Plus LCD (UK)	CNS-U 1500 Plus LCD (UK)	CNS-U 2000 Plus LCD (UK)	CNS-U 2500 Plus LCD (UK)	CNS-U 3000 Plus LCD (UK)
Protection class								
Colour		alpine white	alpine white	alpine white	alpine white	alpine white	alpine white	alpine white
<b>Values</b>								
Setting range	°C	5-30	5-30	5-30	5-30	5-30	5-30	5-30

## 14 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.

## 15 Environment and recycling

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







Comfort through Technology



4 017213 564393

**STIEBEL ELTRON International GmbH**  
Dr.-Stiebel-Straße 33 / 37603 Holzminden / Germany  
[info@stiebel-eltron.com](mailto:info@stiebel-eltron.com) / [www.stiebel-eltron.com](http://www.stiebel-eltron.com)

A 356439-45487-9847