

**HEATER
CONTROLLER
-
VERTICAL**



**+
REMOTE
CONTROLLER**



GUIDE & USER MANUAL

TYPE F ELEMENT + REMOTE CONTROL

Eastbrook 


Eastbrook Road, Gloucester Road GL4 3DB
Technical Helpline : 01452 317890 Mon-Fri / 8am - 5pm
Email : technical@eastbrookco.com



SAFETY:

1. **The heater should be installed by a qualified person.**
2. Bathroom radiators fitted with electric heaters should be fixed not less than 60 cm from a bath, shower or wash basin, and never above a bath.
3. For the heater permanently connected (hard wire) there must be applied a cut-off device from the mains. Such a device must disconnect the heater from the supply mains in 2 poles, with contact separation of at least 3 mm.
4. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved
5. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
6. **The heater MUST BE DISCONNECTED before cleaning the casing. AVOID SOAKING THE CASING.**
7. One radiator valve must always be open when a heater is in use (liquid thermal expansion).

CAUTION: To avoid the risk of fire or electric shock the heater should be protected from water spray or flooding. This appliance is not intended for use by persons (including children) of limited physical, sensory or mental abilities, or persons inexperienced or not familiar with the appliance, unless supervised or instructed on the appliance use by persons responsible for their safety. Particular attention should be paid to children, to preclude playing with the appliance by them.

Exclamation mark on triangular field signals:  **information important for the user.**

CAUTION: electric shock hazard!, lightning mark ended with arrow on triangular field 

CAUTION: in order to reduce electric shock hazard, do not remove the casing (nor its rear cover). There are no user-serviceable parts inside the appliance; the product must be returned to the manufacturer for repair via the distributor who sold the product.

GUARANTEE TERMS:

Guarantee is granted by manufacturer for 24 months period starting from date of sale, but no longer than 36 months from date of the heater manufacture. Defects revealed within this period, resulting from a fault of manufacturer will be repaired free of charge or the item replaced with new, equivalent one. Term of complaints' investigation up to 14 (fourteen) days from date of submission to the manufacturer.

Guarantee does not cover:

1. Using of product in a manner noncompliant with attached instructions.
2. Any visible damage to the heating element or controller due to improper use.
Damaging of manufacturer's seals makes the guarantee null and void.

GUARANTEE CARD

Serial No.:

Date of sale:

Stamp of retail outlet, signature of seller

MADE IN EU

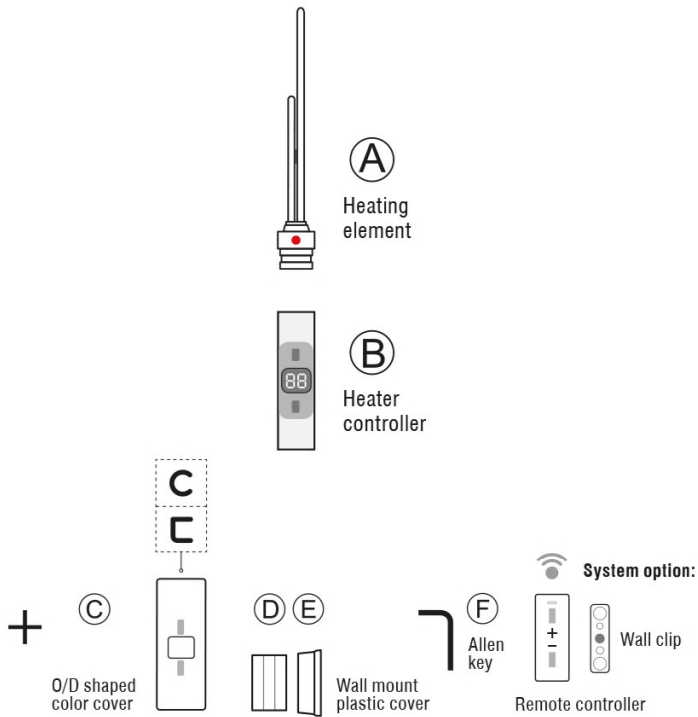
Caution: The guarantee card should be legibly filled in retail outlet. Any corrections on the guarantee card will invalidate the guarantee. Guarantee card valid only with proof of purchase.

Eastbrook 

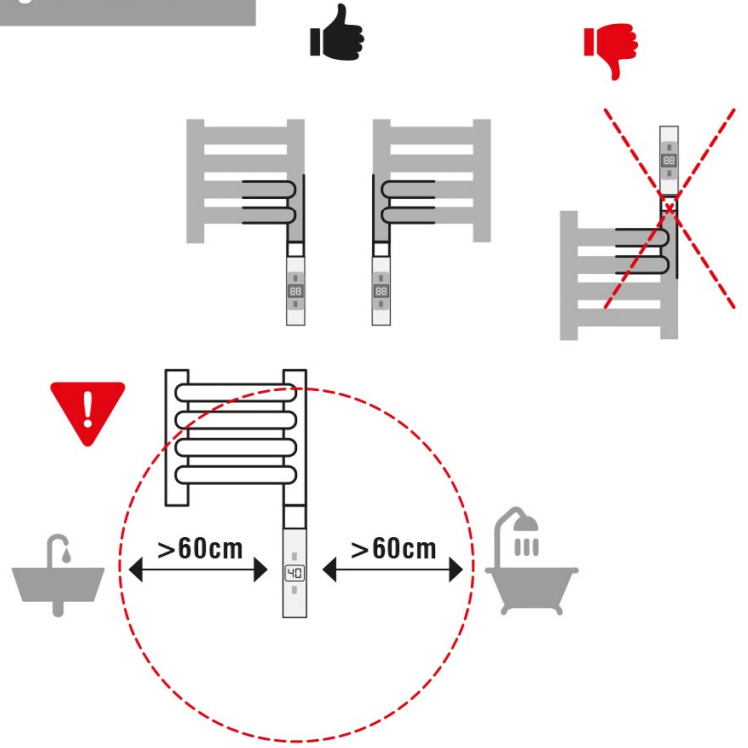
Eastbrook Road, Gloucester Road GL4 3DB
Technical Helpline : 01452 317890 Mon-Fri / 8am - 5pm
Email : technical@eastbrookco.com

USER MANUAL: TYPE F ELEMENT + REMOTE CONTROL

Kit content

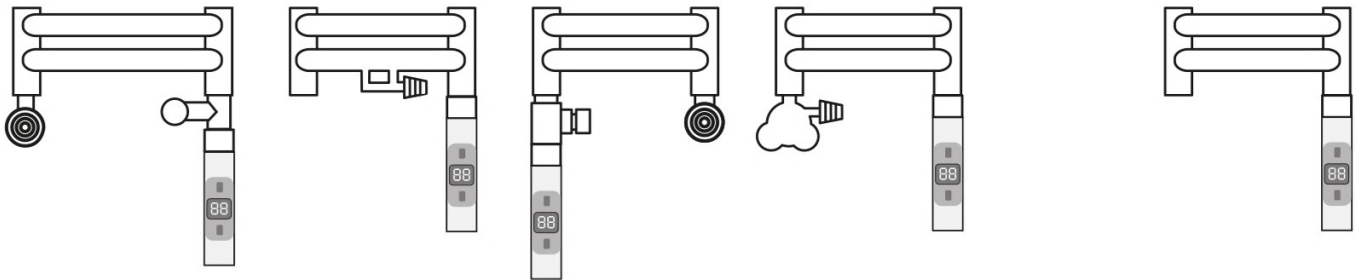


Mounting in radiators

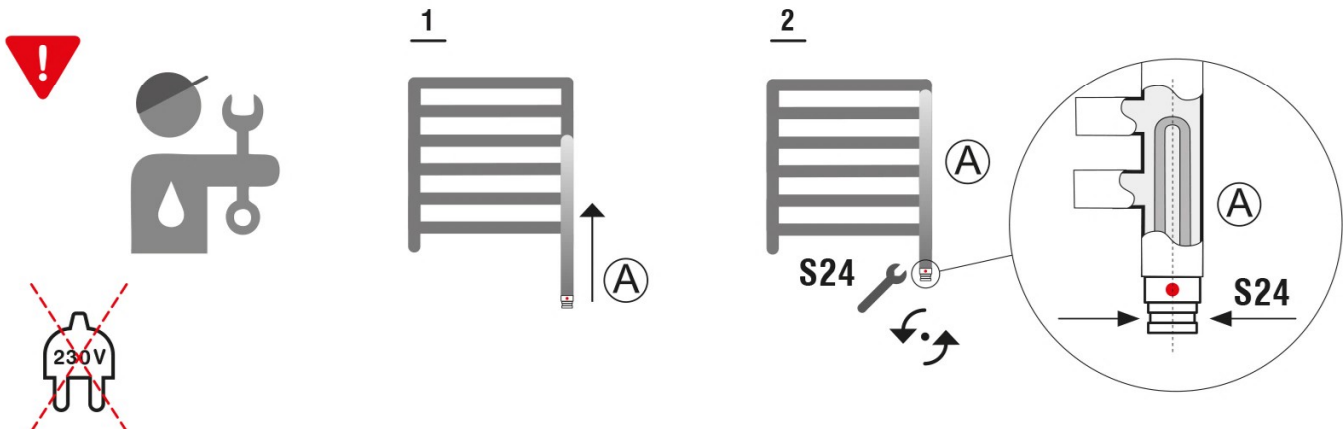


Installation options: CH system

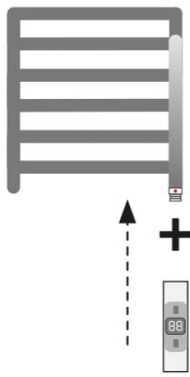
Installation options: electric radiator



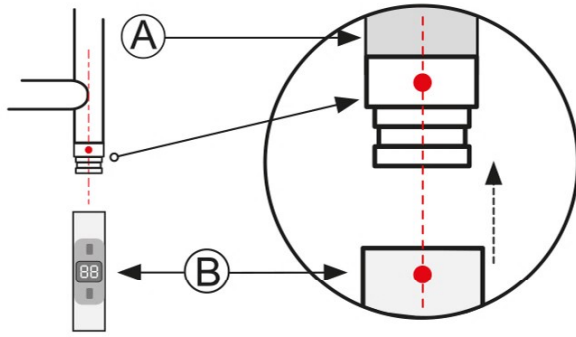
Installation details



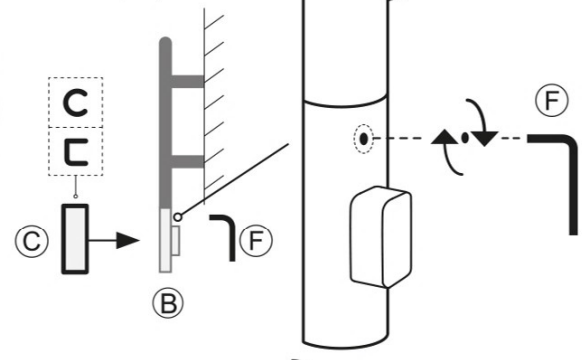
3



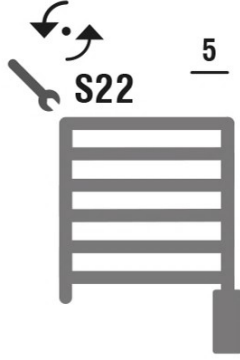
CAUTION! Do not disconnect heater controller when the system is powered.



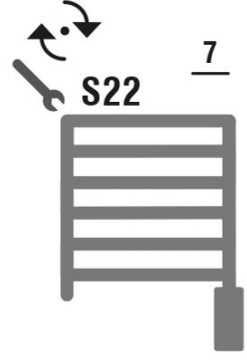
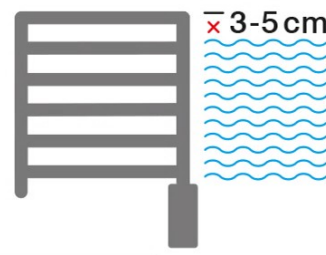
4



Electric radiators

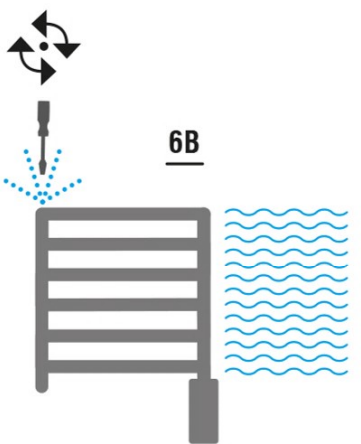


6A



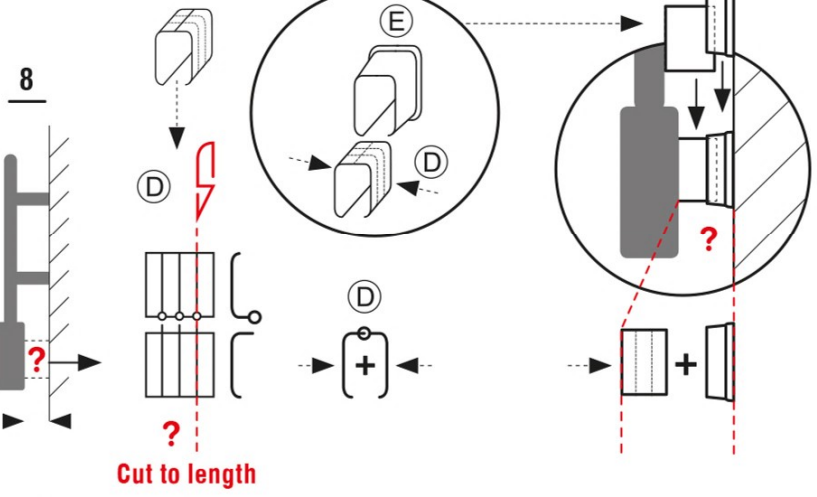
CH system

Finishing

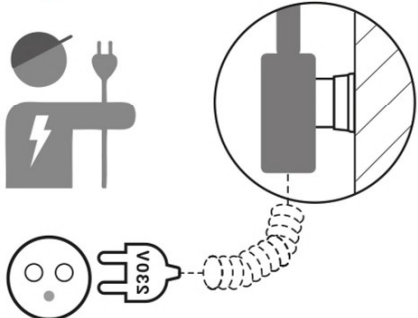


Element (D) must be cut the correct length

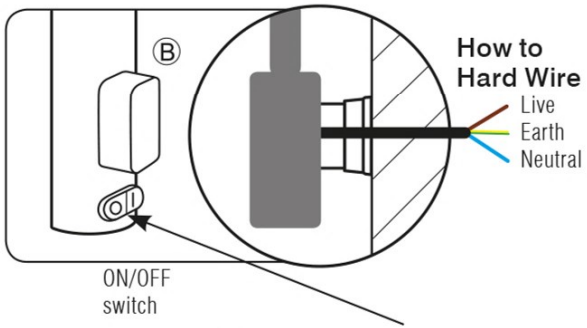
8



9A Connection with a coiled cable and a plug

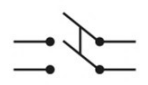


9B Hard wire connection

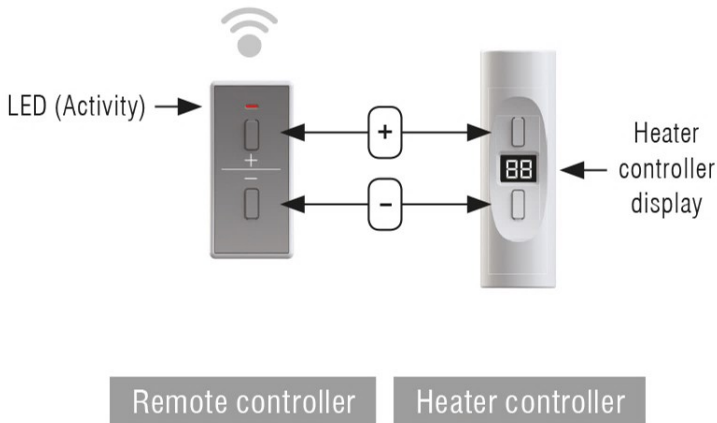


For the heater permanently connected (hard wire) there must be applied a cut-off device from the mains. Such a device must disconnect the heater from the supply mains in 2 poles, with 9 contact separation of at least 3 mm

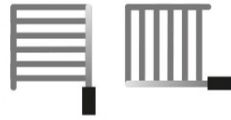
10 After electric connection please turn the switch ON



USER MANUAL: How to use remote controller (to control the heater controller)



Heater controller



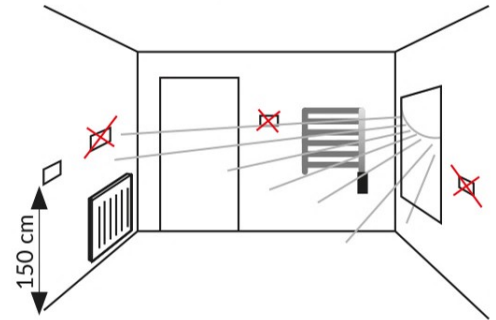
Turn ON the controller



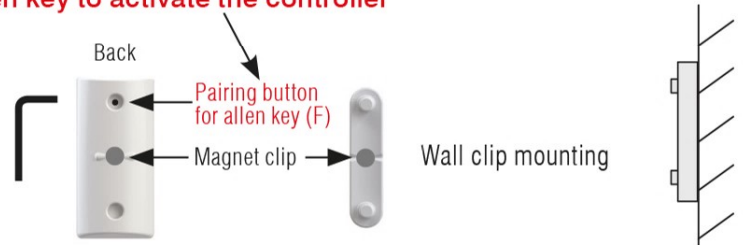
Remote controller

Locate suitable place to mount the remote

Due to proper temperature reading do not place a remote controller (temperature sensor) over radiators, next to doors or in sunny places.



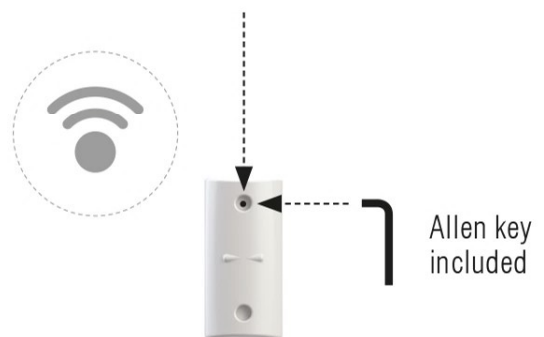
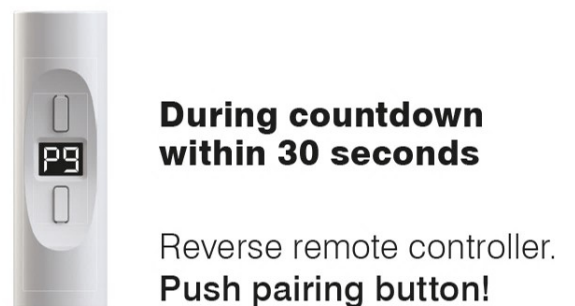
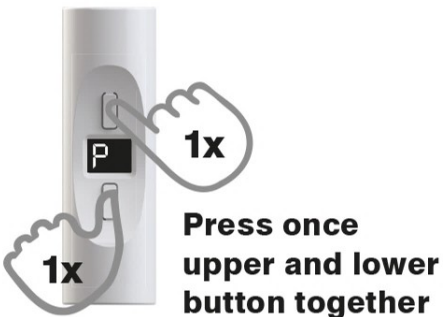
Push for pairing button using allen key to activate the controller



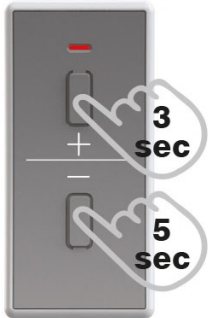
1 START: Heater controller and remote controller pairing

If you bought a remote controller together with Type F element **you do not need to pair it!**

Prepare remote controller + allen key for use



2



Run the heater controller via remote controller

Hold upper button for 3 seconds

3
sec

Switch off the controller via remote controller

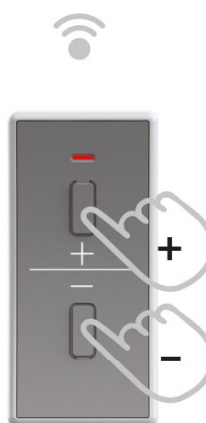
Hold lower button for 5 seconds

5
sec

40°C

Standard heating temperature

3



10°C - 65°C*

Select temperature

4

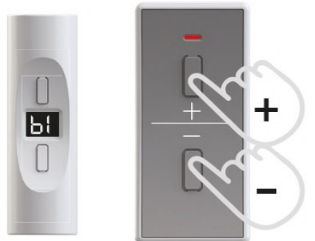
TURBO mode activation



TURBO mode activation - max heating temperature

Hold button for 3 seconds

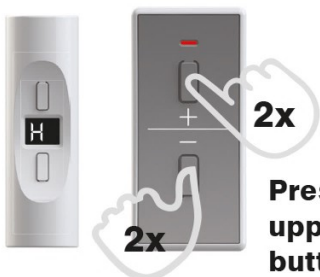
3
sec



b1-b2-b3 Max heating temperature, **selection for 1/2/3 hours**

b0 Off selection

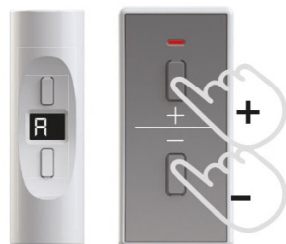
Settings water or ambient temperature



Press twice upper and lower button together

2x

2x



Temperature selection.

H Water temperature 10-65°C*

A Ambient temperature 10-30°C

The remote is a temperature sensor



E1 Lack of water (or wrong choice of heating element to the heater)

E2 Damaged heating element (or no power circuit)

E3 No communication to the remote controller if paired

* maximum temperature can be different according to the producer settings

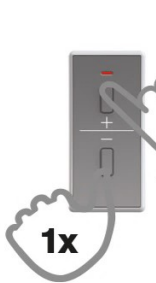
DO NOT DISCONNECT!

controller from heating element, when connected to the power supply



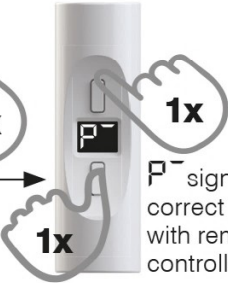
Programming daily and weekly

Remote controller



Heater can be controlled also by a remote controller

Turning the weekly program on Enter the menu

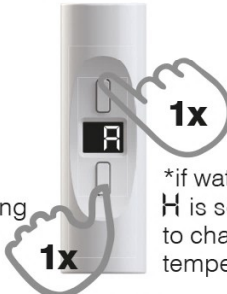


Press BOTH buttons on controller/remote once

P- signals correct pairing with remote controller

Water/ambient temperature choice

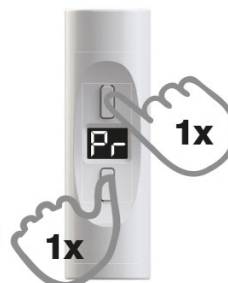
A - ambient temperature set
- required to turn the program on



Press BOTH buttons on controller/remote once

*if water temperature H is set press +/- to change into ambient temperature control A

Weekly program



Press BOTH buttons on controller/remote once

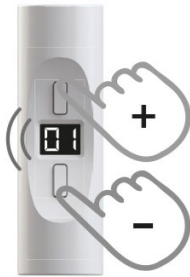
Week cycle settings (time and temperatures)



Keep pressed upper button for 3 seconds

1 Hour setting

The display flashes



Set an actual hour (+/-) from 00 to 23



Accept an actual hour and go to minute setting

Keep pressed upper button for 3 seconds

Minute setting

The display flashes



Set an actual minut (+/-) from 00 to 59

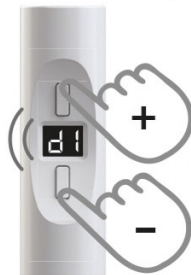


Accept an actual hour and go to actual day setting

Keep pressed upper button for 3 seconds

2 Day setting

The display flashes



Set an actual day of a week (+/-) (+/-)

where:

- d1 - Monday
- d2 - Tuesday
- d3 - Wednesday
- d4 - Thursday
- d5 - Friday
- d6 - Saturday
- d7 - Sunday



Accept an actual day and go to temperature setting

Keppressed upper button for 3 seconds

3 Comfort (Co) and Economic (Ec) temperature setting

The display flashes

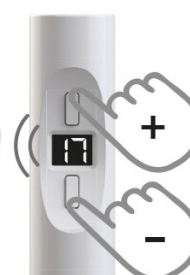


Set a comfort temperature from 10°C to 30°C



Accept a comfort temperature

Keep pressed upper button for 3 seconds



Set an economic temperature from 10°C to 30°C



Accept an economic temperature and go daily setting

Keep pressed upper button for 3 seconds

Factory settings. If you accept the factory settings turn the program on

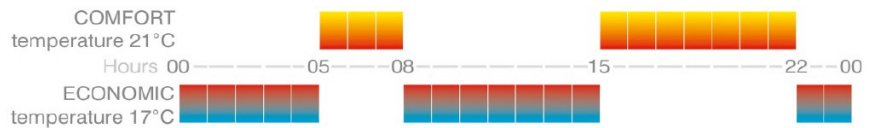


Keep pressed lower button for 3 seconds

Pd on display indicates the program being turned on



Factory settings for d1-d5 (Monday-Friday)



Factory settings for d6-d7 (Saturday-Sunday)



If you'd like to change the factory settings



Choose a day of a week (+/-) where:
d1 – Monday
d2 – Tuesday
d3 – Wednesday
d4 – Thursday
d5 – Friday
d6 – Saturday
d7 – Sunday



Go to temperature settings for a day selected



Set a temperature (comfort or economic) for every hour (from 00 till 23).



Change the actual setting between Co and Ec for selected hour.



Go back to a day choice



Keep pressed lower button for 3 seconds

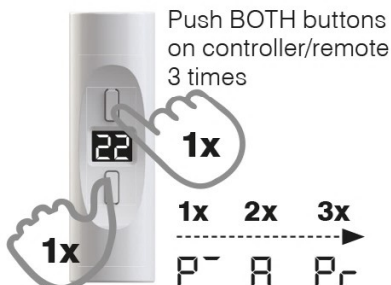


After all temperature settings turn the program on

Pd on display indicates the program being turned on

5 Turn on and off the program

To turn on or off the program enter the menu.



Push BOTH buttons on controller/remote 3 times

Turn OFF the program



Push lower button 2 times
The red dot goes out

Turn ON the program



Push upper button 2 times

The red dot on display indicates the program being turned on

* During first use the system enforces setting the time and day of the week

** Disturbances in the 230V mains power supply can cause the program to be turned off

6 Work status

6.1. Status display

Press + or – to show the actual settings: Actual temperature mode (Co or Ec), temperature, hour, minute

6.2. Boost mode turning on

Keep pressed upper for 3 seconds to turn the boost mode on (compare page X)

6.3. Turning off the heater

Keep pressed lower button for minimum 5 seconds to turn the heater off. After turning on heater the program continues to work.

6.4. „Open window” mode.

When ambient temperature falls for minimum 2C in short period of time then the program stops working for 30 minutes. During this time you can turn on/off a boost mode or you can turn off the heater. After 30 minutes the program continues to work.

Open window mode is signaled by blinking:



Eastbrook

Eastbrook Road, Gloucester Road GL4 3DB
Technical Helpline : 01452 317890 Mon-Fri / 8am - 5pm
Email : technical@eastbrookco.com