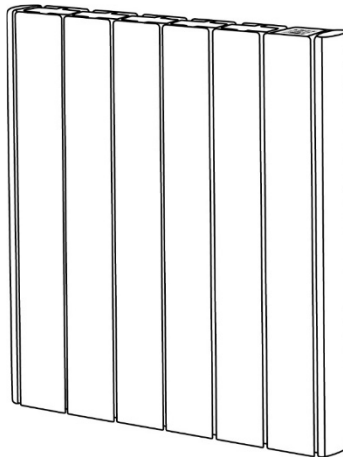


Instruction manual

Aluminium radiator




Smart Electric Heaters



READ THIS CAREFULLY BEFORE USING THIS DEVICE FOR THE FIRST TIME.


PAY ATTENTION: to avoid overheating, do not cover the

appliance. 

SAFETY ADVICE

READ THIS NOTICE CAREFULLY BEFORE OPERATING THE APPLIANCE.

- This product is not intended to be used by persons (including children) whose physical, sensory or mental capacities are reduced or by persons without experience or knowledge, unless if they have been given help, from someone responsible for their safety, supervision or giving the instructions concerning the use of the device.
- Make sure that the voltage indicated on the nameplate of the appliance corresponds to that of your electrical installation. If this is not the case, contact your dealer and do not connect.
- Regularly check the condition of the power cable. Do not use if the power cord, plug or appliance is damaged
- The device should not be placed underneath a power outlet.
- The power cable should never be in contact with hot parts of the device.

- CAUTION: To prevent overheating, do not cover the heater. 
- Never immerse the appliance in water or other liquids.
- Keep a minimum distance of one meter from flammable objects such as curtains, textiles etc.
- Do not clean the unit with abrasive chemicals.
- Do not place sharp metal objects or your fingers into the unit to prevent damage and reduce the risk of electric shock.
- Do not use accessories other than those supplied or recommended by the manufacturer. This can be dangerous and may damage the device.
- Never repair the unit yourself. Otherwise you will lose the benefit of the guarantee. Like any electrical appliance, it must be repaired by a qualified person. If the power cable is damaged, it must be replaced by the manufacturer, his service agent or similarly qualified person in order to avoid danger.
- A repair involving the opening of the radiator can be made by the manufacturer or its distribution

network.

THE MANUFACTURER IS NOT RESPONSIBLE FOR THE MISUSE OF THE EQUIPMENT. KEEP THESE INSTRUCTIONS CAREFULLY FOR FUTURE REFERENCE.

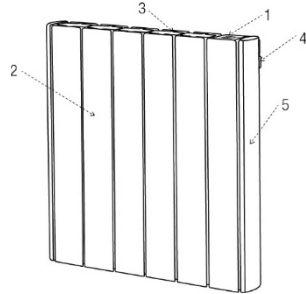
1 / SPECIFICATIONS

- Digital LCD display
- Temperature control by digital display
- Clock
- Weekly schedule
- 2 modes :
 - Manual
 - Automatic with weekly presetting
 - 24h programmable, customized setting
 - 9 Different daily pre-sets
- Frost protection function - automatically switches on if temperature drops below 7° to protect pipes from freezing

Model	Power	Voltage	Number of elements	Insulation class
EHP-1000O	1000W	AC 230 50Hz	5	Class II
EHP-1500O	1500W	AC 230 50Hz	8	Class II
EHP-1800O	1800W	AC 230 50Hz	9	Class II

ONLY FOR USE INDOORS

1.	LCD Control panel
2.	Aluminium element
3.	Outlet
4.	Power cord
5.	Side cover



Replacing the Plug

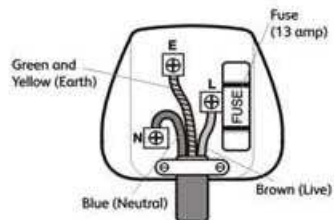
If the Plug is damaged or requires replacement, follow the wiring instructions supplied with the new Plug.

The Green and Yellow wire must be connected to the terminal marked with the Earth symbol or coloured Green & Yellow.

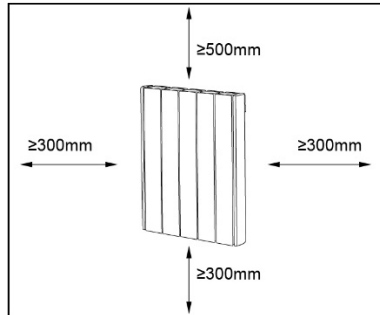
The Brown wire must be connected to the terminal marked with the letter L or coloured Red.

The Blue wire must be connected to the terminal marker with the letter N or coloured Black.

A 13amp Plug to BS 1363 must be fitted with a 13amp fuse to BS 1362.



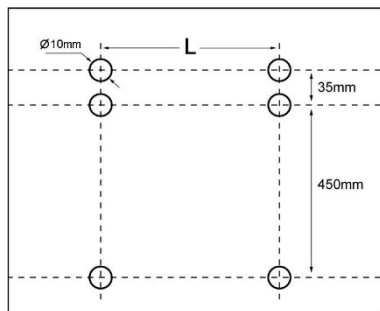
How to install the device



Make sure that the distance from walls and objects is respected.

Figure 1a

1 – Drill holes in the wall by following the steps in Figure 1. Make sure they are all correct.



Distance L and M between the fixation points.

Radiator	1000W	1500W	1800W
L (mm)	240	480	560

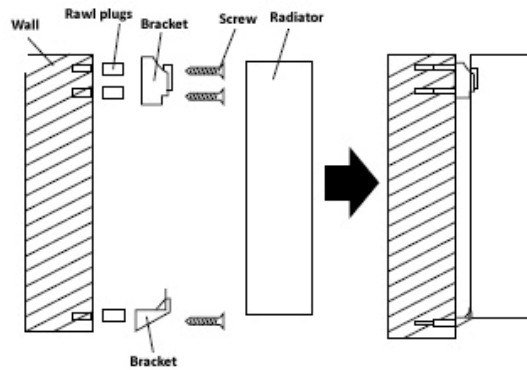
Figure 1b

2 - Place all the Rawl plugs in the holes in the wall, as in the previous step

3 - Attach the upper brackets using screws

4 - Place the radiator on the brackets

5 - Attach the lower brackets with screws and place the radiator to the wall



Warning: Before plugging in the unit make sure the radiator is properly attached to the wall. Otherwise problems can occur.

2 / Description

2.1 / The Control Panel



On / off



- setting time, day and temperature



- Mode selection and programs

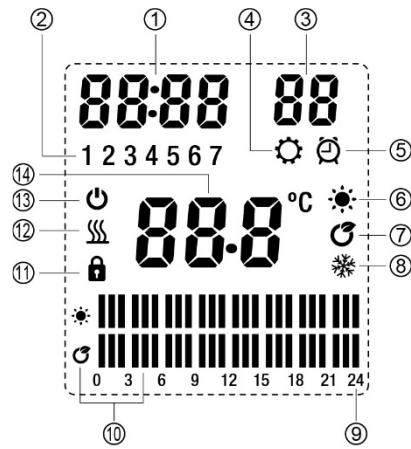


- Increase of the selected Digit



- Decrease of the selected Digit

2.2 / LCD display




- 1 Hour
- 2 Day
- 3 Program name
- 4 Program setting
- 5 Timer






EHP-1000O / EHP-1500O / EHP-1800O

- 6 Comfort mode
- 7 Economic mode Frost mode
- 8 Frost mode
- 9 Solid time mark
- 10 Program contents
- 11 Locking radiator
- 12 Heating
- 13 Stand by
- 14 Target temperature

2.3 Modes:

There are 3 running modes: free **NR**, daily **P1~P7** and weekly **S**


Free use mode(**NR**): It will include normal mode and timer mode  ;





Daily mode(**P1~P7**): There are total 9 daily programs. Every program is combined with 3 working modes: comfort( and ), economic( and )and anti-frost( and empty). Every day (24hours) is divided into 24 segments evenly. Every segments will be filled in with one working mode to combine a daily program. All the setting for daily program will be kept in memory by the unit. If a daily program is selected, the unit will repeat this program every day.

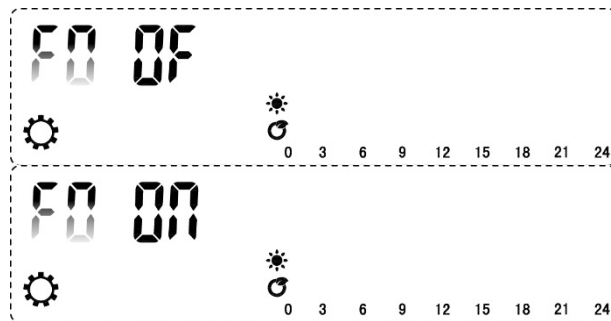
Weekly mode:



Selecting one daily program (from daily programs P1-P7) for every day in a week to combine a weekly program.

Open window function: Once the open window function is on, the radiator will stop heating while the room temperature getting down 2

°C in two minutes; After 10 minutes stopping, the radiator will come back to work or client can press  to stop open window function and then the radiator will also come back to work.

Press  and use  and  to choose **FO** from **NR, P1, P7.5, FO** then press  again to confirm **FO** mode.



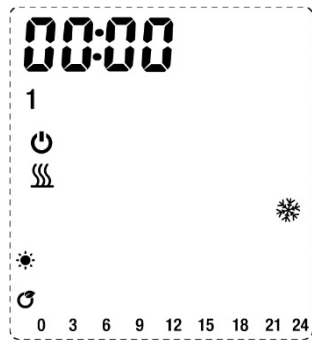
While in **FO** mode, use  and  to choose **OF** (open window off) or **ON** (open window on).

Open window function can work in all the running programs when it turns on.

3 / FREE OPERATING MODE

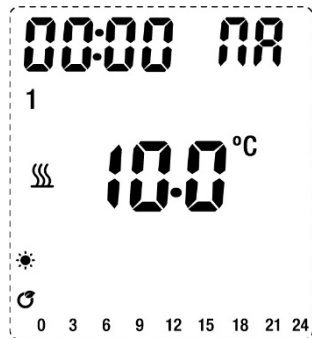
3.1 – Use :

Connect the unit to the mains, press the power switch on the back of the unit.













Press , the icon  disappears.

The device is now running free . Preset temperature of 10°C.









3.2 – Adjustment of day and time :

- Press once , the hours are flashing, then use the buttons  and  to adjust the hours,
- Press again , the minutes are flashing, then use the buttons  and  to adjust the minutes,

- Press again , the date is flashing, then use the buttons  and  to select the day : 1- Monday, 2 – Tuesday, 3 –Wednesday, 4 – Thursday, 5 – Friday, 6 – Saturday, 7 – Sunday.
- Press once more  to confirm your choice.

3.3 – Temperature setting



Press once  or . The temperature display flashes. Press again  or  to adjust the desired temperature. (the temperature can be set over a range of 10°C to 35°C).



After 5 seconds without action on buttons  or , the temperature is validated.


3.4 – How to use the timer



Press  for 3 seconds, the icon  appears. At the same time the hour display flashes and will pass at **00:00**.



Using the buttons  and  choose the operating time in steps of

30 minutes. After 5 seconds without action on the buttons  or , the duration is validated.


Once the timer duration has lapsed, the radiator will automatically go into standby .

Note : To exit the timer mode, press 3 seconds . The radiator returns to free operating mode .

4 / HOW TO USE THE DIFFERENT PROGRAMS :


4.1 – Selection of the operating mode

 ; weekly program

, daily program that repeats itself every day

 ; free operating mode.

Increase or decrease the temperature by using  or .

1- Press once .

2- Choose  by using  or .




3- Press once  to confirm your choice

NOTE : If after selecting the program, no button on the keyboard is activated for 5 seconds, the selection is confirmed automatically.




4.2 – Daily program :

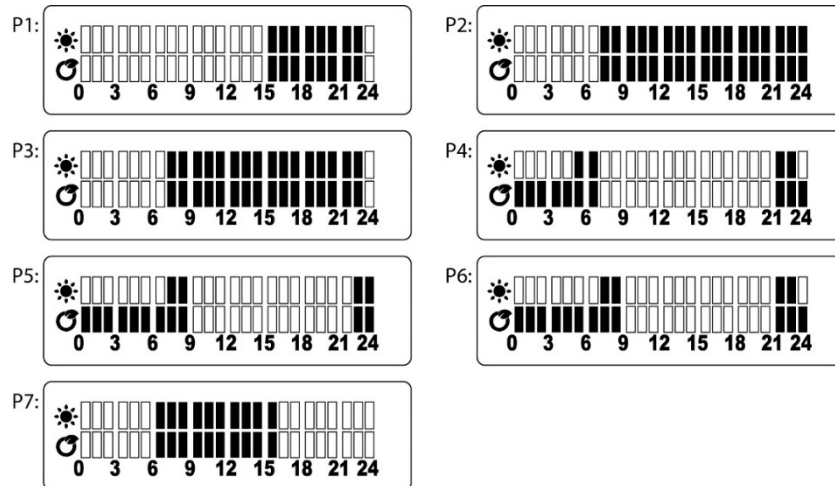
The radiator has 9 daily programs ranging from P1 to P7.

Each segment, representing a time of day, can be assigned to the operating mode:











-  for comfort
-  for economic
-  for frost

The nine programs have been preset at the factory as follows:

-  for comfort, temperature of 22°C
-  for economic, temperature of 17°C
-  for frost, temperature of 7°C **(this mode cannot be personalised !)**









4.3 – Personalisation of the operating modes comfort and economic :

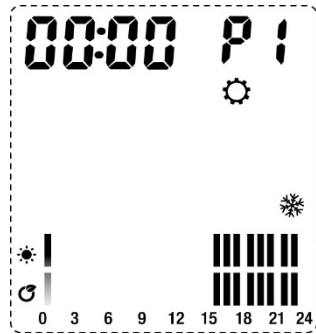
- 1- Press  for 3 seconds, the icon  flashes and also the temperature indicator.
- 2- Use ,  to adjust the desired temperature for the comfort mode.
- 3- Press  to confirm your selection, the icon  flashes and also the temperature indicator.
- 4- Use ,  to adjust the desired temperature for the economic mode.
- 5- Press  to confirm your selection.
- 6- The radiator automatically returns to comfort mode .





NOTE : If after selecting the program, no button on the keyboard is activated for 5 seconds, the selection is confirmed automatically.



4.4 – Personalisation of the Daily programs :



Press , then choose the program you want to personalise from **P1** to **P7**, using , .

- 1- Press  for 3 seconds, the icon  appears on the display.
- 2- The first segment  of 00 : 00 flashes.
Example program P1 :



Use  to choose how to allocate this first hour. ( for comfort,  for economic and  for frost mode)




3- Use  or  to go to the next or previous hour of the program. Repeat 2 until each segment of the program is customised.


4- Press  for 3 seconds to confirm your program. The icon  disappears on the screen.

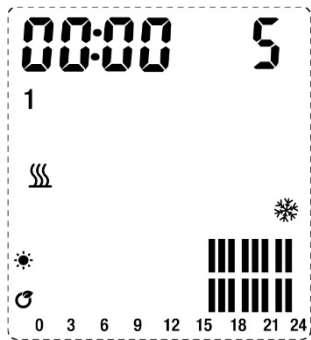
NOTE: The new program replaces the old program in the memory of the radiator. If you are not satisfied about your personal settings, you can find the preset of the factory. Turn the unit off using the switch located behind the unit. Then press the button for 7 seconds to reset the heater.



4.5 – Weekly programming :

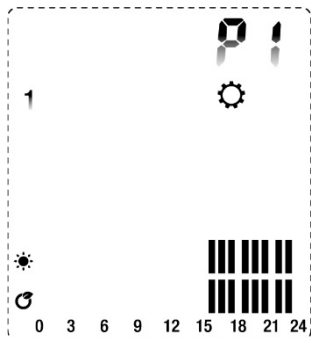
1- Press  once.






2- Choose the daily program  by using  or .

3- Press  once to confirm your choice



- 1- Press  for 3 seconds, the icon  appears on the display.
- 2- The number 1, representing MONDAY and the program corresponding P1 will flash.



- 3- Assign by using  or  a program (from P1 to P9) for Monday. Confirm your selection with . The number 2 will blink-representing Tuesday. Repeat until you have assigned a program for each day of the week (1 - to 7 Monday-Sunday)
- 4- After assigning the program to 7-Sunday, confirm your selection with . The icon  disappears on the display.
- 5- The heater then operates in accordance with the new weekly

program that you have just created

5 / Maintenance :

To switch off the device



Place the function button on the back of the unit in position «O »

Clean with a damp cloth

Caution: Do not use abrasive products. They could damage the unit.

Clean the device at least once a year with a vacuum cleaner to remove any accumulated dust.

Never immerse the appliance in water or other liquids.



This product is marked with the crossed wheellie bin symbol relating to waste electrical and electronic equipment. This means that this product should not be disposed of with household waste but must be supported by a system of collection in accordance with EU Directive 2002/96/EC. It will then be recycled or dismantled to minimize impacts on the environment. Electrical and electronic products are potentially harmful to the environment and human health due to the presence of hazardous substances.

Warranty

This product has a warranty of two years on Electrics and 10 years on the body of the radiator from the date of purchase. The warranty covers failures and malfunctions of the device through a use consistent with the intended use and information of the user manual. To be covered under warranty, proof of purchase is required (receipt or invoice) and the product must be complete with all its accessories.

The guarantee clause does not cover damage resulting from normal wear, lack of maintenance, negligence, faulty mounting or improper use (shocks, non-compliance with recommendations of power, storage, conditions of use ...) Also excluded from the guarantee are any issues arising from the use of accessories or spare parts that are not part of the original device, and removal or modification of the device.

For Information please contact: sales@hothouseproducts.co.uk

Please fill in the warranty form below to register your product. Once completed please send to: Hothouse products, Imperial Point Express Trading Estate, Stonehill Road, Farnworth Bolton, BL4 9TN

Serial Number of Radiator:	_____
Model:	_____
Customer Name:	_____
Customer Address:	_____
