

Manual de instalación y uso  
Instructions & installation manual  
Manuel d'installation et d'utilisation  
Manual de instalação e uso

# TOD



Español

English

Français

Português

4	<b>1. ADVERTENCIAS GENERALES</b>
6	<b>2. INSTALACIÓN</b>
12	<b>3. FUNCIONAMIENTO</b>
12	3.1 PANEL DE CONTROL
12	3.2 PRIMERA CONEXIÓN / ENCENDIDO
13	3.3 AJUSTE DE HORA Y FECHA
13	3.4 MODO STAND-BY
14	3.5 ¿CÓMO ELEGIR EL MODO DE FUNCIONAMIENTO?
14	3.5.1 MODO FUNCIONAMIENTO COMFORT
14	3.5.2 MODO FUNCIONAMIENTO ECONOMÍA
15	3.5.3 MODO FUNCIONAMIENTO ANTI-HIELO
15	3.5.4 MODO FUNCIÓN “BOOST”
16	3.5.5 MODO AUTO
16	3.3.6 MODO PROGRAMA
18	3.6 FUNCIÓN INDICADOR DE CONSUMO
18	3.7 BLOQUEO DE TECLADO
19	3.8 POSIBLES INCIDENCIAS
19	3.9 FUNCIONES AVANZADAS
22	3.10 MODO FUNCIONAMIENTO “HILO PILOTO”
23	<b>4. MANTENIMIENTO</b>

24	<b>1. CAUTION</b>
26	<b>2. INSTALLATION</b>
32	<b>3. OPERATION</b>
32	3.1 SCREEN DESCRIPTION
32	3.2 START / FIRST CONNECTION
33	3.3 SETTING THE CLOCK
33	3.4 STANDBY MODE
34	3.5 SETTINGS / MODE MENU
34	3.5.1 COMFORT OPERATING MODE:
34	3.5.2 ECONOMY OPERATING MODE :
35	3.5.3 ANTI FREEZE OPERATING MODE:
35	3.5.4 BOOST FEATURE:
36	3.5.5 AUTO MODE
36	3.5.6 PROGRAMME MENU
38	3.6 CONSUMPTION INDICATOR FUNCTION
38	3.7 KEYBOARD LOCK FUNCTION
39	3.8 POSSIBLE TROUBLESHOOTING
39	3.9 ADVANCED FUNCTIONS
42	3.10 CONTROL MODE BY PILOT WIRE
43	<b>4. MAINTENANCE</b>

- **Please read these instructions carefully.**

- To disconnect mains power from the radiator remove the plug from the wall socket, but never pull on the cable.

- Do not leave the mains cable in contact with the radiator when it is switched on.

- During operation, the radiator must be kept well away from flammable materials, such as curtains, carpets and furniture etc.



- **The warranty for the radiator does not cover any damage caused by not reading these instructions.**

- **Before installing your towel rail radiator, ensure that the main switch on your mains board is switched off.**



- **WARNING: If the mains power cable is damaged, it must be replaced by the manufacturer, with their after-sales service or similar qualified persons, in order to prevent any danger.**



- **The junction box must have the same degree of protection against humidity as the towel-drier radiator, protection degree: IP44.**



- **The installation should be carried out with consideration to the manufacturer's instructions and in accordance to the relevant National Wiring Regulations.**

- The radiator shall be installed so that its mains plug is always accessible.



- **The electrical installation shall be performed in accordance with current electrical legislation and include the means to switch off the fixed installation. The electrical line shall be protected by a high-sensitivity earth leakage breaker.**



- **The radiator must not be installed below or in front of a mains socket.**



- **Safety distances shall always be respected.**



- **It is essential that the towel-drier radiator IS SECURELY FIXED TO A STRONG, LEVELED WALL. Verify that the radiator is COMPLETELY VERTICAL with respect to the floor.**

- **600 mm is the minimum distance between the thermostat and the floor.**

- This unit is not designed to be handled by persons (including children) with physical, sensorial or mental handicaps, or with little experience or knowledge unless they are under the supervision of an adult responsible for their safety with the instructions on its use. Children shall always be supervised to ensure they do not play with the unit.

- Children under three shall be kept well away from the heater unless they are continually supervised.

- Children between three and eight shall only switch the unit off or on providing it is positioned or installed in its final operating location and be supervised or have received instructions on how to use the unit in a safe manner and understand the risks involved.
- Children between three and eight shall not plug in, adjust or clean the heater or carry out any maintenance operations.
- This unit may be used by children older than eight and by persons with physical, sensorial or mental handicaps, with little experience or knowledge, provided they have been duly trained and are supervised by an adult that understands the risks involved.
- Cleaning and maintenance shall be performed by adults not children. Children must not play with the unit.



• **WARNING: Certain parts of this product can become very hot and cause burns.** Special attention shall be paid when children and other vulnerable persons are present.

- Do not touch the external parts of the tower rail when it is operating.
- It is quite normal that, with the first switch-on, the unit produces a “new” smell. Allow your heater to operate in a well-ventilated place for two or three hours.
- Before the first switch on for the coming winter or when the heater has not been used for several days, the unit should be cleaned (follow the steps given in the “maintenance section” (point 4). This cleaning operation will avoid burning the accumulated dust and other remains.

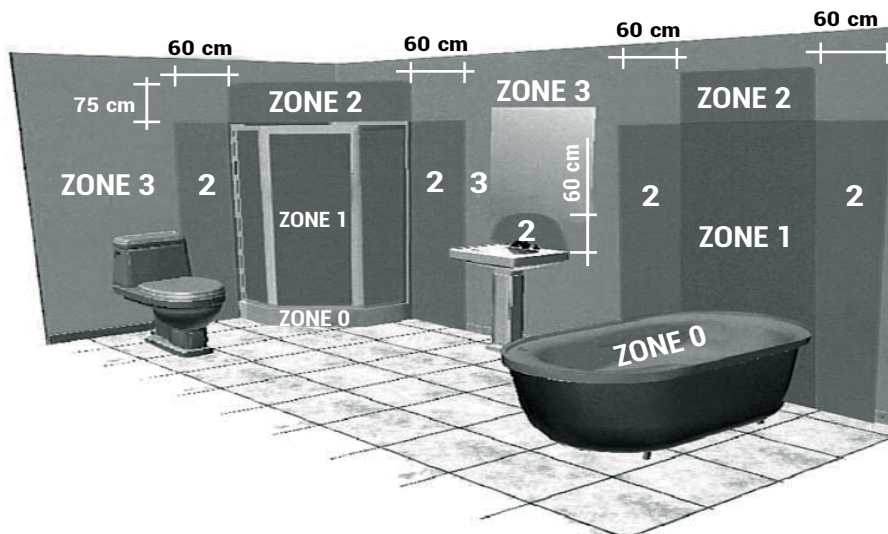
• This radiator **CAN'T OPERATE** with external programmable controllers or any other exterior control device.



- **CAUTION:** Keep bags and other accessories well out of the reach of children.
- The convection effect, together with other ambient factors, can cause discolouring to metal surfaces and to plastics.
- Temperature differences can cause crackling and other noises in the unit. This does not indicate any failure in the radiator.
- When the radiator is disposed of, the requirements established by current legislation on waste processing and recycling shall be taken into account.

**IMPORTANT**

**ONLY YOU CAN ONLY INSTALL THE TOWEL RAIL IN ZONE 2 AND 3. DO NOT USE THIS HEATER IN THE SURROUNDINGS OF A BATH, A SHOWER OR A SWIMMING POOL (ZONE 0 AND ZONE 1).**

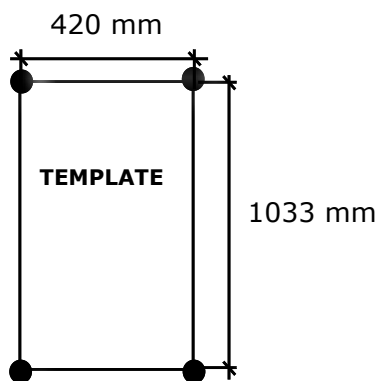
**1**

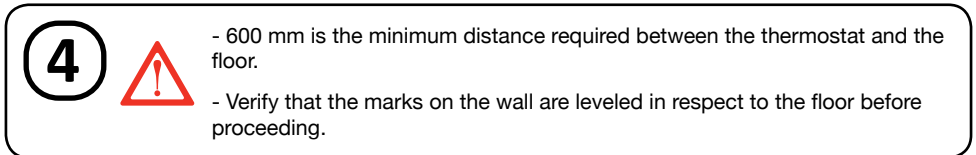
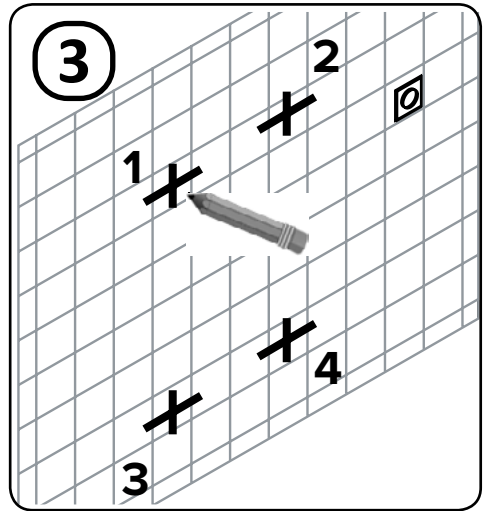
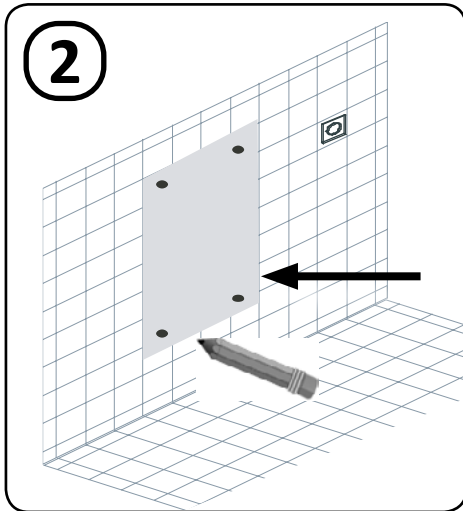
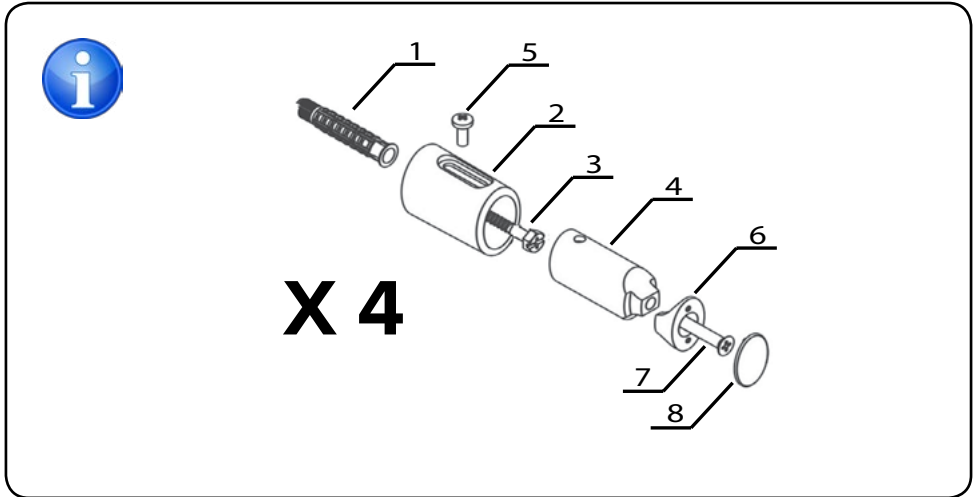
1.1.- Verify that there is a mains connection close to where the appliance will be installed.

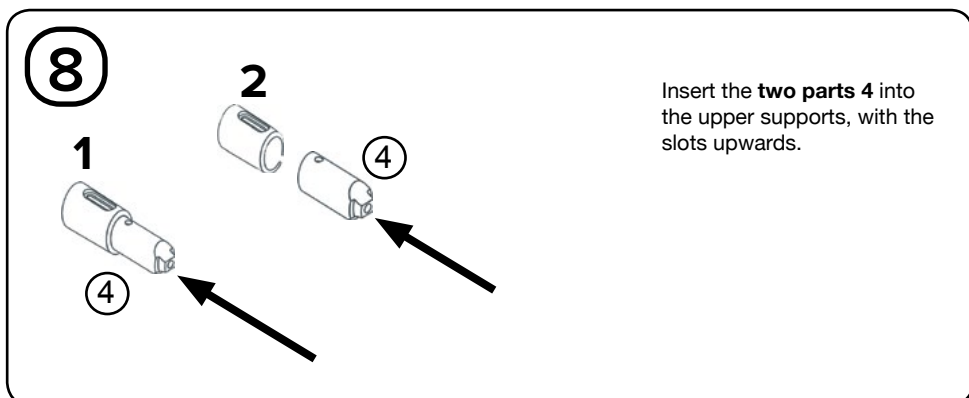
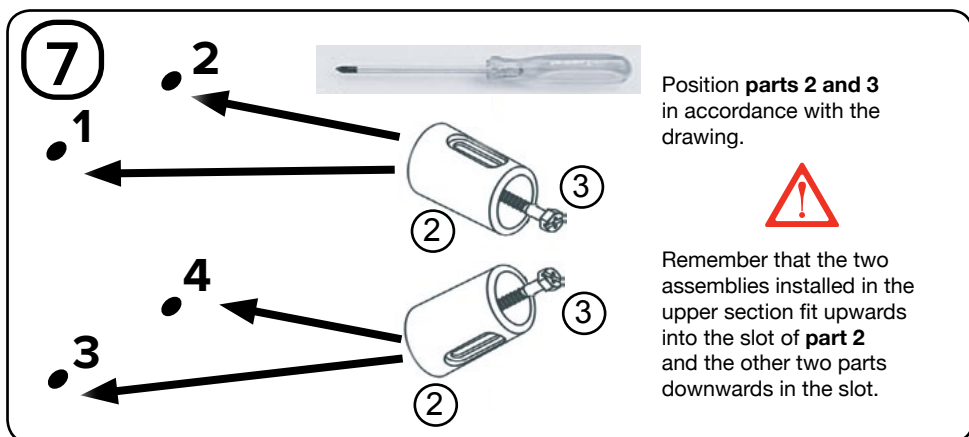
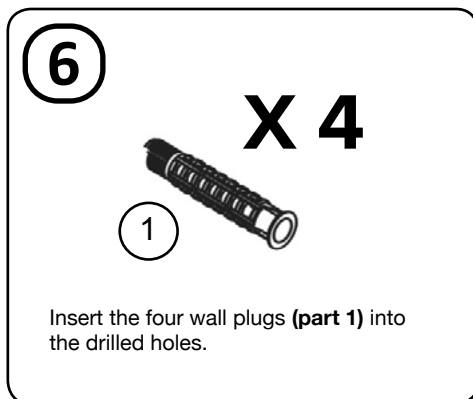
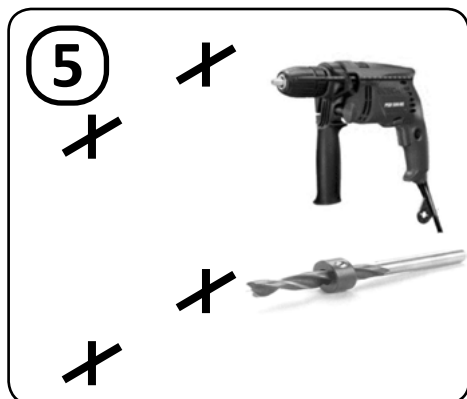
1.2.- Remove the TEMPLATE THAT INDICATES THE EXACT POSITION OF THE HOLES TO BE DRILLED IN THE WALL from inside the packing box.

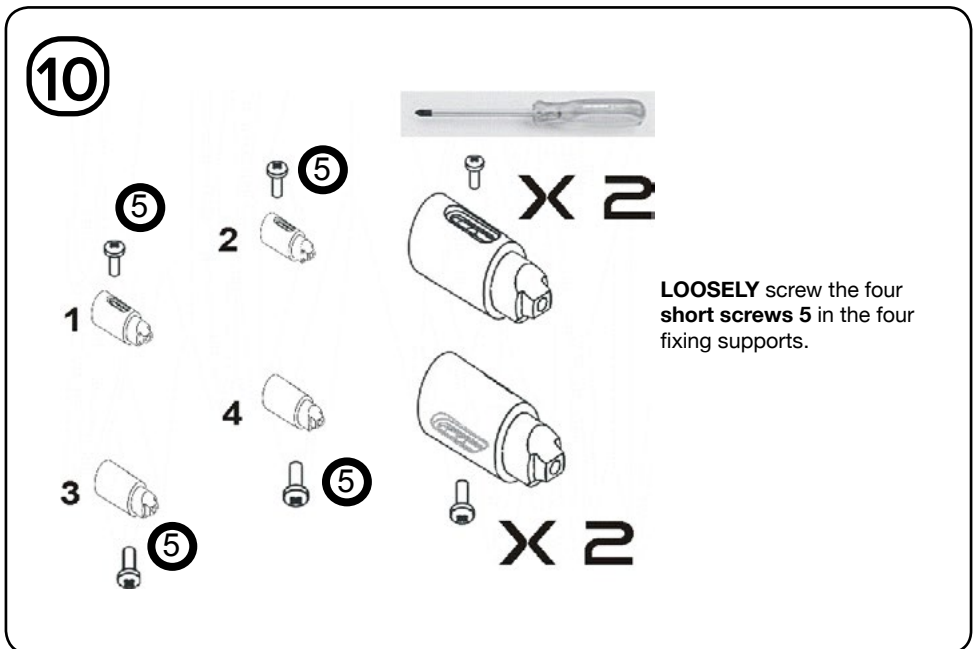
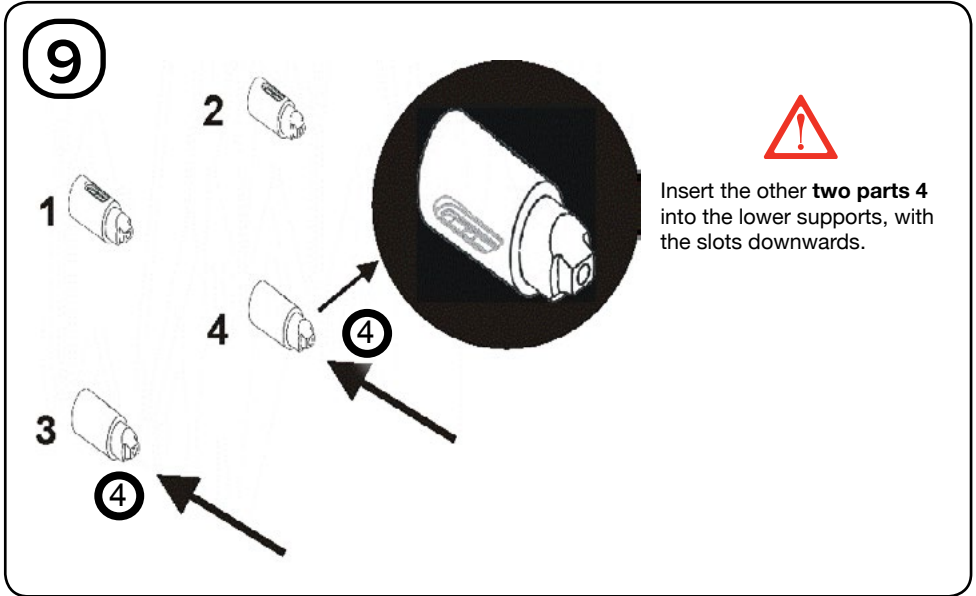
1.3.- Remove the box of accessories. This contains four sets of wall anchor supports.

1.4.- The use of a level is recommended to ensure the appliance is COMPLETELY VERTICAL.



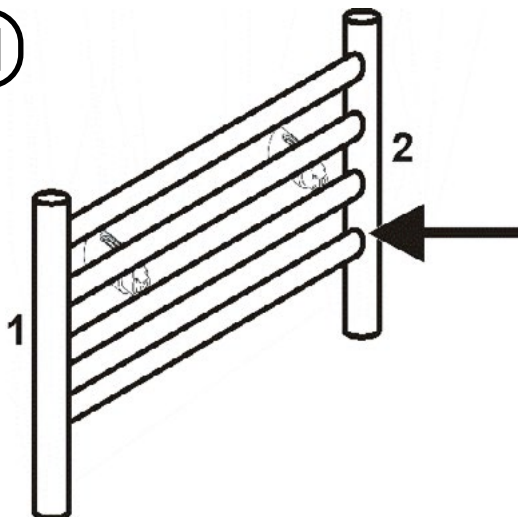








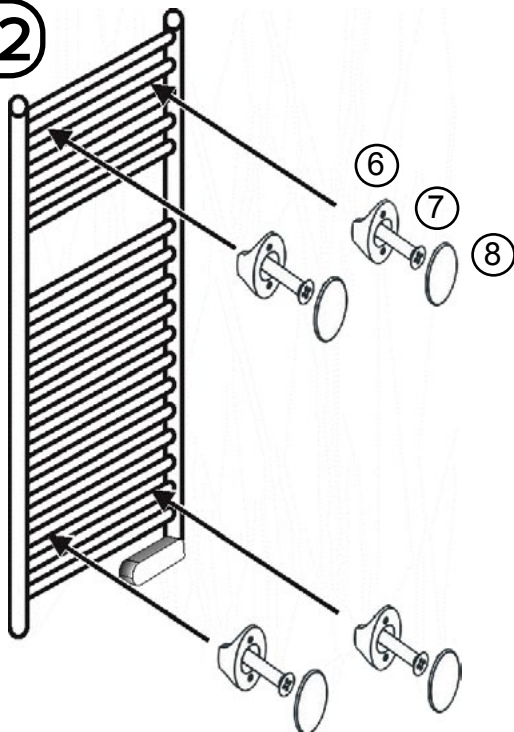
11



Take the HAVERLAND towel rail radiator and hang it on the four supports fixed to the wall.

Place the radiator so that the upper supports are between the second and third bars of the heater.

12



Fit the four **parts 6** to the wall supports and loosely screw in the four long screws (part 7). Align the towel rail radiator using a level and, when correctly aligned, tighten the four **screws 7**.

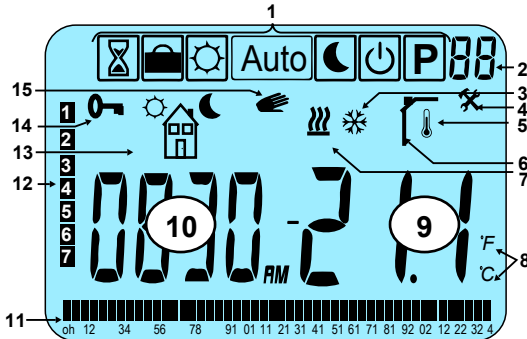
Adjust the distance of the radiator from the wall as required and, when correct, tighten the **screws 5**.

Your radiator is now correctly secured to the wall. Complete the installation by fitting the four trims (**part 8**) to the four supports.

The mains power cable can now be connected to the mains power supply.



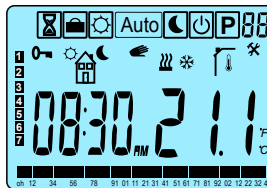
## 3.1 SCREEN DESCRIPTION



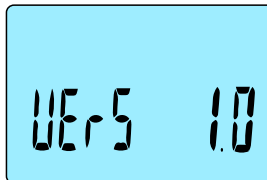
1. Operating mode menu.
2. Programme number.
3. Anti-freeze mode activated.
4. Installation settings menu.
5. Room temperature indicator.
6. Open window function.
7. Heating ON.
8. Temperature unit.
9. Room temperature or selected temperature.
10. Clock.
11. Graphic representation of the programme selected.
12. Current day of the week.
13. Icon for comfort/economy/Auto mode.
14. Keyboard lock function indicator.
15. Manual / Override function.

## 3.2 START / FIRST CONNECTION

When the thermostat is first connected to the mains or after the thermostat has been re-set all icons on the screen will be displayed:







After some seconds the software version will be displayed:



Then:

- \* If it's the thermostat's first connection, the clock edit setting will be displayed.
- \* After a power cut, the thermostat will then show the current screen mode.
- \* After the product re-set, the clock edit setting will be displayed.

### 3.3 SETTING THE CLOCK

If you want to change the clock and date settings, please press the  or  once the value you want to change starts flashing. To validate please press the  or  button.

If you don't press any button for a few seconds, the thermostat will exit the settings menu and return to the previous selected mode.

#### Time and day settings:

- Setting the hour.
- Setting the minutes.
- Setting the day of the week (1 corresponds to Monday).


#### Date settings:

- Setting the date of the month.
- Setting the month (01 corresponds to January).
- Setting the year.




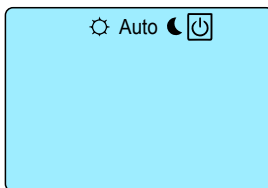
If you don't press any button for a few seconds, the thermostat will exit the settings menu and return to the previous selected mode.



To change the clock settings please press the  button and hold it for a few seconds.


### 3.4 STANDBY MODE

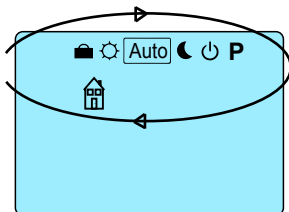
To turn off the heater, press  button.




The thermostat emits a sound when the "Standby" mode is switched on or off.

## 3.5 SETTINGS / MODE MENU

To change the current mode of the thermostat, press the right navigation button  to select the desired mode.



Once your desired mode is framed please press the  button to select and confirm.



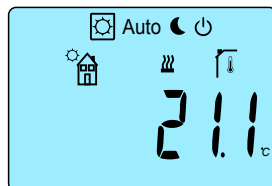
If you don't press any button for a few seconds, the thermostat will exit the settings menu and return to the previous selected mode.




## 3.5.1 COMFORT OPERATING MODE:


Choose comfort operating mode . By pressing  or  buttons the comfort temperature flashes and it can be modified.

Press  to confirm.



The  symbol indicates when the appliance is heating up.



 button allows to change between displaying the room temperature or the selected temperature.



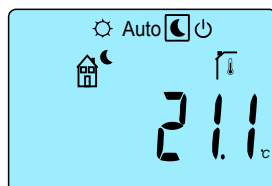
The minimum comfort temperature that can be set is set is 10°C and the maximum 30°C.



## 3.5.2 ECONOMY OPERATING MODE:

Choose economy operating mode . By pressing  or  buttons the economy temperature flashes and it can be modified.

Press  to confirm.





button allows to change between displaying the room temperature or the selected temperature. .



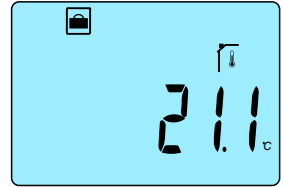
The minimum comfort temperature you can set is 5°C and the maximum 19°C.



#### 3.5.3 ANTI FREEZE OPERATING MODE:

Choose anti freeze operating mode . In this mode, the antifreeze temperature (7 °C) will be applied all the time.

Press to confirm.



button allows to change between displaying the room temperature or the selected temperature.



Thanks to this “anti-freeze mode”, extreme temperatures will be avoided in your home, keeping the room temperature **at 7°C**.



#### 3.5.4 BOOST FEATURE:

The boost feature applies full power to the unit, regardless of the operation mode it's working on. This feature overrides all others.

You can select how long you wish to programme the Boost feature, **15 min, 30 min, 45 min, 1 hour or 2 hours**.

- Press button.
- Choose the period of time you wish to select with the or buttons. Press button to confirm.





Choose the period of time you wish to select with for 1 seconds the boost function is disabled. The thermostat will return to the previous selected mode.






You can access this function when the thermostat is on Auto or mode.


### **Auto** 3.5.5 AUTO MODE

The auto mode will follow automatically the selected programme according to the current time.

By pressing  or , buttons you can override the current set temperature until the next time slot.

The  icon will be displayed.

Use  or  buttons to adjust the temporary desired temperature.

Press  button to confirm.

### **P**

### 3.5.6 PROGRAMME MENU

The appliance has **9 factory pre-set programme schedules** and **4 bespoke programmes**, which can be modified by the user.

#### **P1 PROGRAMME:**

- Comfort on Monday to Friday from 7am to 9am and 5pm to 11pm. Remaining hours, economy.
- Comfort on Saturday and Sunday from 8am to 11pm. Remaining hours, economy.

#### **P2 PROGRAMME:**

- Comfort on Monday to Friday from 7am to 9am, 12pm to 2pm and 6pm to 11pm.
- Remaining hours, economy.
- Comfort on Saturday and Sunday from 8am to 11pm. Remaining hours, economy.

#### **P3 PROGRAMME:**

- Comfort on Monday to Friday from 6am to 11pm. Remaining hours, economy.
- Comfort on Saturday from 7am to 12am. Remaining hours, economy.
- Comfort on Sunday from 12am to 1am and 7am to 11pm. Remaining hours, economy.

#### **P4 PROGRAMME:**

- Comfort on Monday to Friday from 3pm to 11pm. Remaining hours, economy.
- Comfort on Saturday from 7am to 12am. Remaining hours, economy.
- Comfort on Sunday from 12am to 1am and 7am to 11pm. Remaining hours, economy.

#### **P5 PROGRAMME:**

- Comfort on Monday to Friday from 6am to 8am and 9pm to 11pm. Remaining hours, economy.
- Comfort on Saturday from 6am to 8am and 6pm to 12am. Remaining hours, economy.
- Comfort on Sunday from 6am to 8am and 7pm to 11pm. Remaining hours, economy.

#### **P6 PROGRAMME:**

- Comfort on Monday to Friday from 6am to 8am and 2pm to 9pm. Remaining hours, economy.
- Comfort on Saturday and Sunday from 7am to 9pm. Remaining hours, economy.

#### **P7 PROGRAMME:**

- Comfort on Monday to Friday from 7am to 7pm. Remaining hours, economy.
- Economy on Saturday and Sunday.

#### **P8 PROGRAMME:**

- Comfort on Monday to Friday from 8am to 7pm. Remaining hours, economy.
- Comfort on Saturday from 8am to 6pm. Remaining hours, economy.
- Economy on Sunday.

**P9 PROGRAMME:**

- Comfort on Monday from 12am to 7am. Remaining hours, economy.
- Economy on Tuesday to Thursday.
- Comfort on Friday from 1pm to 12am. Remaining hours, economy.
- Economy on Saturday to Sunday.

## Preset programme schedules:

To select the desired programme please press the **-** or **+** buttons.

Use **▶** button to see how's the schedule the rest of the weekdays.

Press **✓** button to confirm.



If you select a pre-set programme "P1 to P9", this program will be followed in **Auto**.



If you select a bespoke program "U1 to U4" and press **✓** you will enter the configurable programme setting.

## Setting your bespoke programme

**Day**

**Hour in the flashing**

The **+** button sets **comfort** temperature at the current hour displayed (black box)

The **-** button sets **economy** temperature at the current hour displayed (no box)

Use **▶** button to slide the black box and move to the next hour.

When the schedule you have programmed is correct for that particular day of the week, please press **✓** button to go to the following day.

The "Copy program" option will appear to the next day we have to set. With the **-** or **+** buttons choose "Yes" or "No". Press **✓** button to confirm.

When the seventh day is validated, thermostat automatically returns to the Auto mode.







In **Auto** mode, the appliance will follow automatically the programme according to the current time.

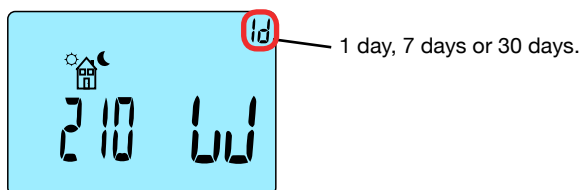


### 3.6 CONSUMPTION INDICATOR FUNCTION


The appliance incorporates a function that is unique in the market, which enables you to find out your electricity consumption (in KW).

Choose  for the consumption indicator function and press  to confirm this function.


Press  or  buttons to change interval time for power consumption display (last 24 hours, last 7 days and last 30 days).






Estimated values are saved in the memory every 4 hours.

Press the  button during 2 seconds permits to return in selection mode menu.



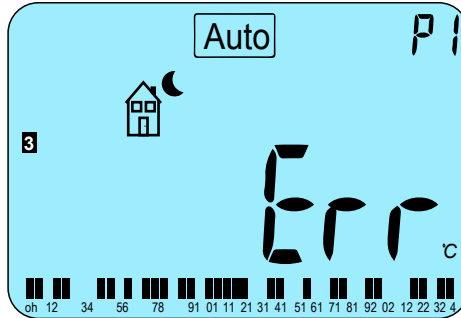
Press  button to return to the settings menu.

### 3.7 KEYBOARD LOCK FUNCTION

- Press  and  buttons simultaneously to lock  or unlock the keyboard.
- All buttons are locked, except the “Standby” button.

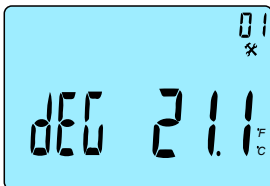
## 3.8 POSSIBLE TROUBLESHOOTING

If the sensor is faulty or disconnected, an error message is displayed on the thermostat.



## 3.9 ADVANCED FUNCTIONS

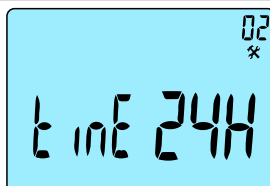
- To enter in the advanced functions menu, press the button for 5 seconds after the time edition menu.
- Select the desired advanced function by pressing or . Press button to confirm. Press button to modify the advanced function.
- To exit the advanced functions menu, choose “End” function and press button to confirm.



### Advanced function 1: Temperature units.

°C = Celsius.

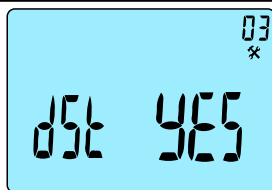
°F = Fahrenheit.



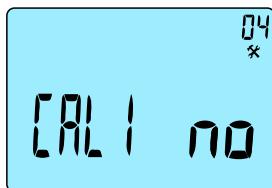
### Advanced function 2: Selecting the clock display format “time”.

24 h = 24:00

12 H = 12:00 AM/PM

**Advanced function 3: Daylight saving time**

If this function is activated, thermostat change automatically time (summer/winter) according to date.

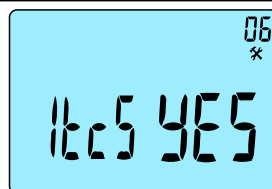
**Advanced function 4: Calibration of temperature sensor.**

The calibration must be done after 1 day of operation.

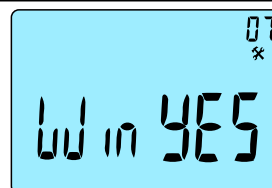
- Put a thermometer in the room at the same distance from the floor as the thermostat. Check the real temperature in the room after 1 hour.
- Enter this value in the calibration parameter menu by using the **-** or **+**. Press **✓** button to confirm.

**Advanced function 5: Antifreeze set point temperature.**

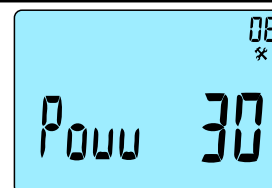
The minimum temperature you can set is 5°C and the maximum is 10°C.

**Advanced function 6: Intelligent Temperature Control System (adaptive start heating in AUTO mode).**


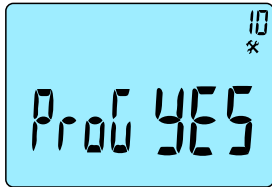



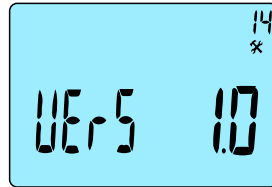
This system activates the start-up of the appliance prior to the programmed time to ensure that the desired temperature is achieved at the indicated time. This feature is factory activated.

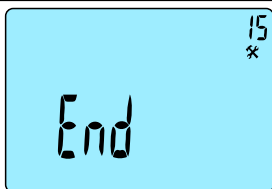
**Advanced function 7: Automatic open window detection.**

You can activate / deactivate this function. This feature is factory activated.

**Advanced function 8: Heater power.**

**IMPORTANT:** Do not change this value as it will affect the Power Consumption Indicator.

	<p><b>Advanced function 9: Child protection. Reducing the power of the heater</b></p> <p>This parameter permits to reduce the power of the heater in order to protect child if they touch the product. If this parameter is equal to 100%, the function will be deactivated.</p>
	<p><b>Advanced function 10: Thermostat configuration: "prog" or "easy".</b></p> <p>If this parameter is "no", only 2 modes will be available and the thermostat will not be programmable. If it is "yes", all modes of the thermostat are available</p>
	<p><b>Advanced function 11: Room temperature limitation.</b></p> <p>Limitation of the maximum room temperature.</p>
	<p><b>Advanced function 12: Boost set point temperature.</b></p> <p>Maximum temperature the boost function will reach.</p>
	<p><b>Advanced function 13: Clear product memory and restore factory settings.</b></p> <p>All thermostat parameters will be restored with factory settings.</p>
	<p><b>Advanced function 14: Software version.</b></p>



#### Advanced function 15: Exit the advanced function menu.

Pressing  button allow to exit parameter menu and return to normal settings.


### 3.10 CONTROL MODE BY PILOT WIRE

This radiator has a pilot wire control that allows management through a central programming.

This function overrides the modes selected on the radiator. It will no longer follow the programmes, the time selected or temperatures selected.

Pilote wire order	LCD displaying
Comfort	
Comfort -1°	
Comfort -2°	
Reduced	
Antifreeze	
Stop	



- **Please note that the unit must be on the AUTO Mode in order to connect to the Pilot Wire Mode.**
- If you want to deactivate the Pilot Wire Mode, please press  button to select the desired mode.

## 4. MAINTENANCE

Your appliance does not need any kind of special maintenance.

Just remove any dust with a soft dry cloth.

We recommend starting the winter season by cleaning off the dust that has built up on the heater surface.



**NEVER USE SOLVENTS OR ANYTHING ABRASIVE ON THE PRODUCT.**



Where you see this symbol on any of our electrical products or packaging, it indicates that the relevant electrical product should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product, please dispose of it in accordance with any applicable local laws or requirements for disposal of electrical equipment. In so doing, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste.

## GUARANTEE

MARSAN INDUSTRIAL, S.A. guarantees that the devices comply with the contracted specifications.

This warranty only covers the model of heater shown on the valid invoice.

Such rectifications will be guaranteed against any manufacturing and operating defect for the normal and domestic use of this product, for a period of 24 months as from the purchase date shown on the invoice.

HAVERLAND guarantees against material, design or manufacturing faults at the moment of its original acquisition for 2 years.

This warranty only covers the device whose model appears on the purchase invoice.

This warranty DOES NOT COVER incorrect installation, maintenance, cleaning or conserving the device, and neither does it cover failures and faults due to force majeure, chemical agents or atmospheric phenomena, incorrect use of the device, the purchaser's faulty electrical installations, transporting the device or problems caused by the device being handled by persons not authorised by MARSAN INDUSTRIAL, S.A.

This warranty must not be modified, altered or extended, and the Manufacturer does not authorise anybody to act on his behalf to modify, alter or extend it.

This warranty applies only to the Product.

To repair the device, the consumer must dial the Technical Assistance Service at 0330 3651940 or send an email to [haverland@haverland.co.uk](mailto:haverland@haverland.co.uk) and ask for the information needed about the procedure to follow:

For a replacement, cancellation or price reduction, when in order, the consumer must go to the establishment where the device was purchased. This warranty does not affect the consumers' rights as established in the provisions contained in Ley 23/2003, the Consumer Goods Sales Guarantee Act.



**Customer Service Telephone:**

**0330 3651940**



**E-mail: [haverland@haverland.co.uk](mailto:haverland@haverland.co.uk)**


Haverland UK Limited  
Challengue House  
Sherwood Drive  
Bletchley MK3 6DP

**Made in Spain**


Marsan Industrial, S.A. reserves the right to modify without previous warning

# TOD

TOD-4
TOD-7

W	N° 
425	17
700	25



230 V 50 Hz
CLASE II CLASS II CLASSE II
 IP44