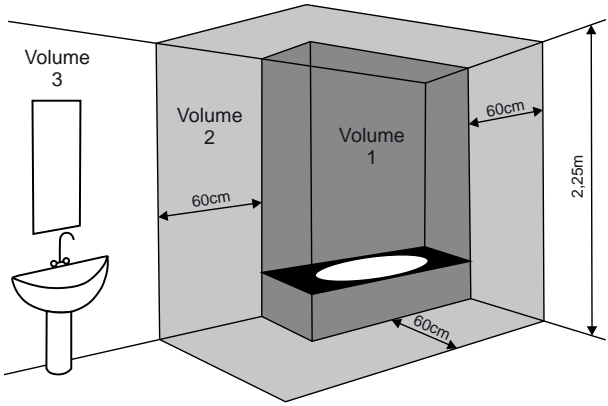
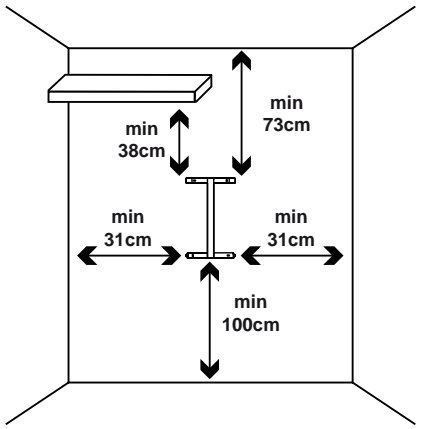
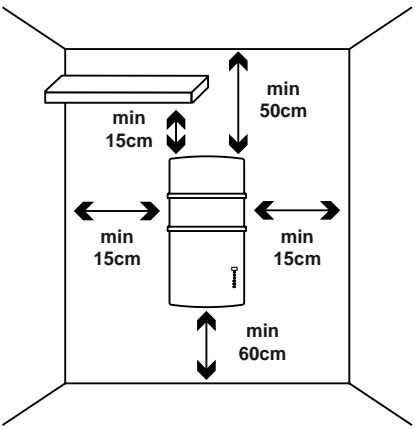


- IT** Leggere il manuale d'uso. Conservare con cura le istruzioni per ogni futura consultazione.
- EN** Please retain these instructions in a safe place for further reference.
- FR** Lisez le manuel d'utilisation. Ranger soigneusement les instructions afin de pouvoir les consulter par la suite.
- NL** Bewaar deze instructies op een veilige plaats voor toekomstig gebruik.

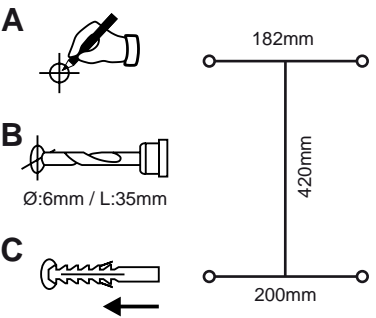
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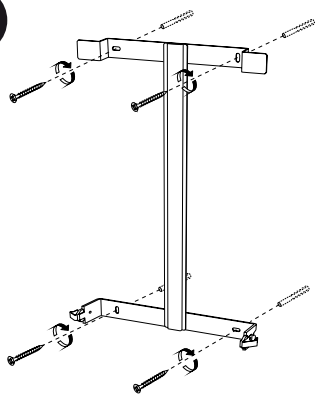
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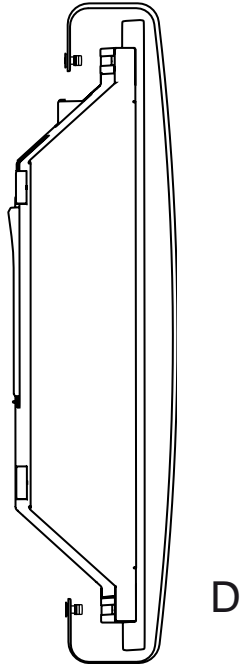
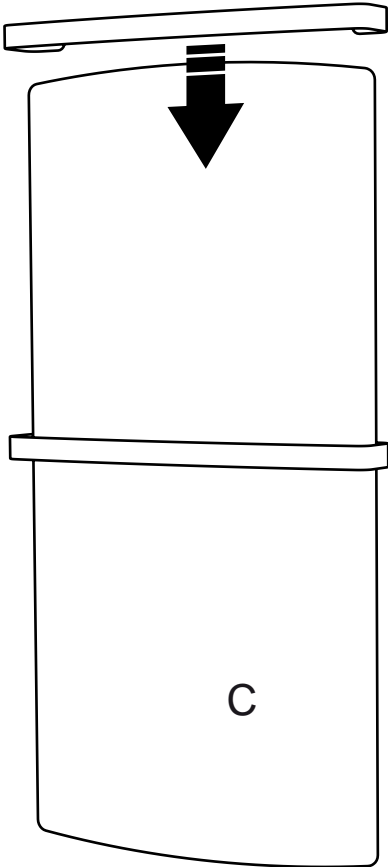
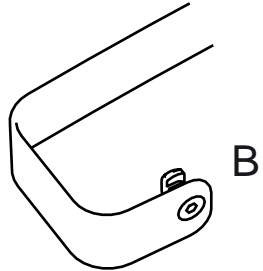
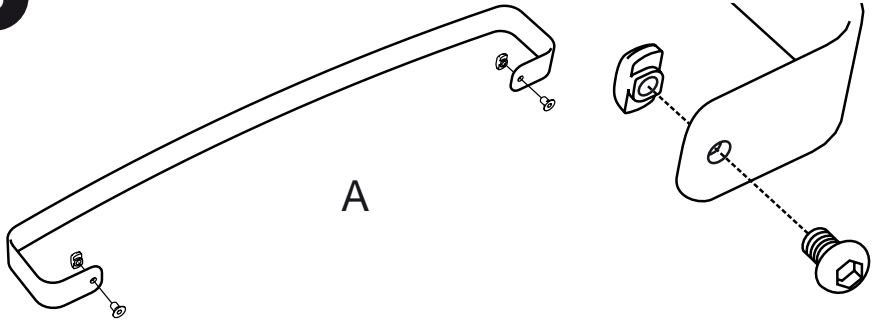
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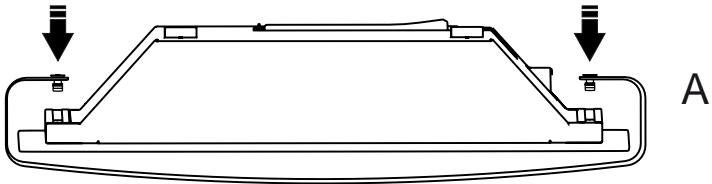
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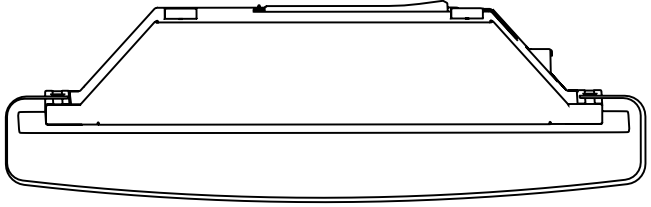
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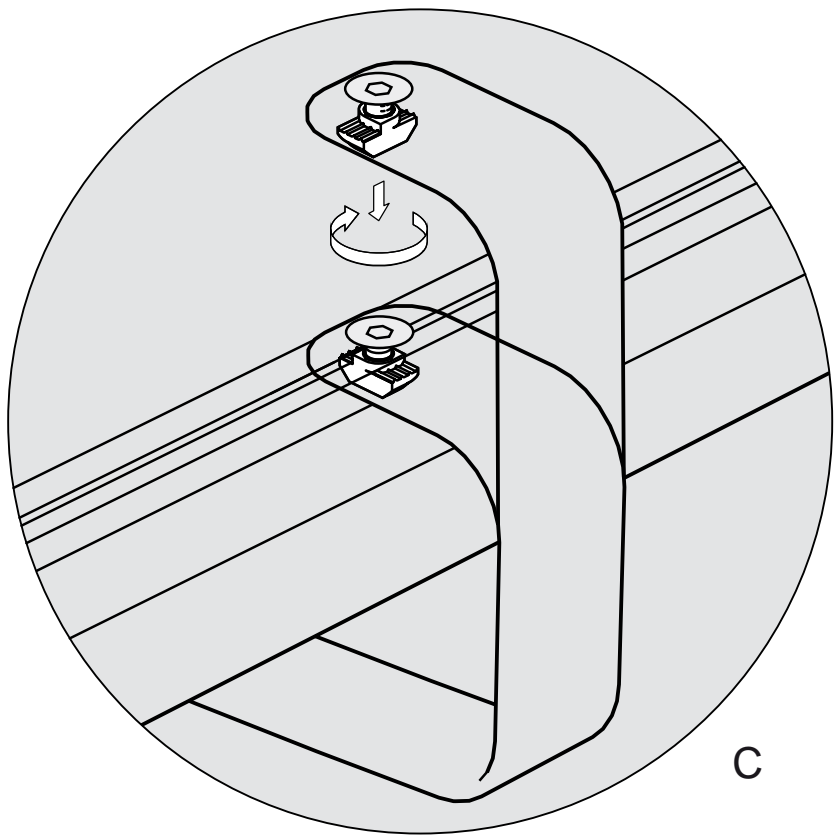
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A

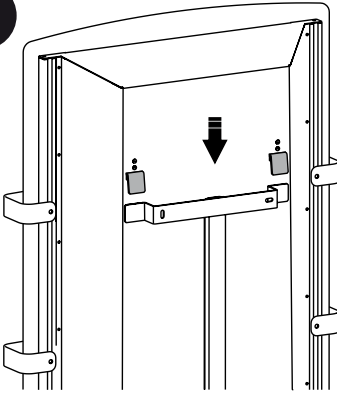


B

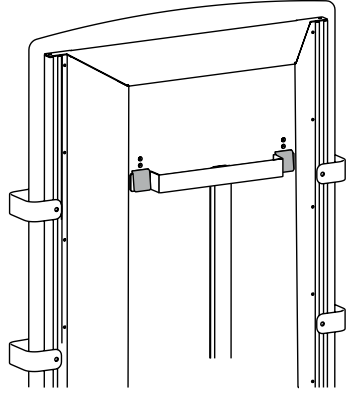


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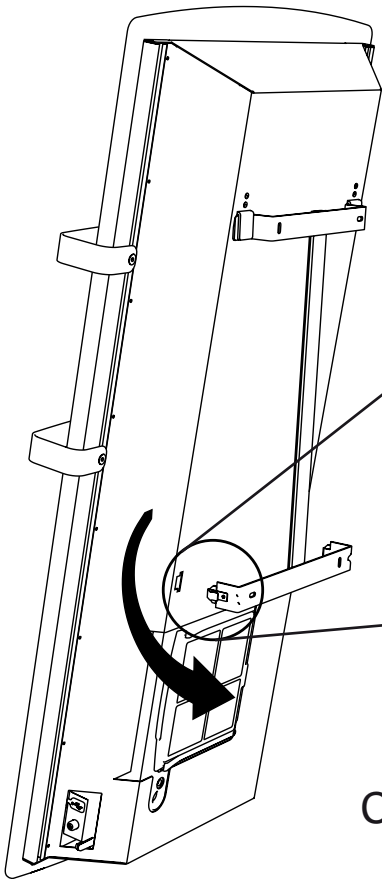
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A

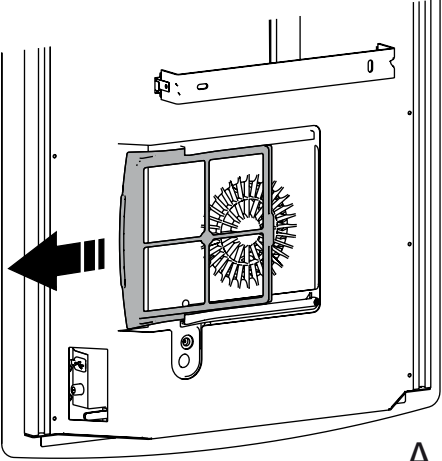


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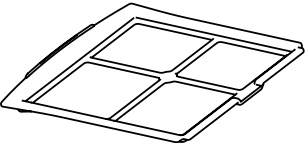
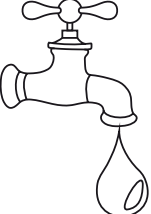


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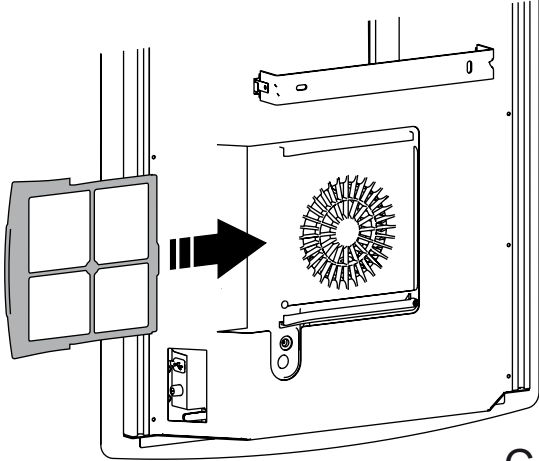
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A



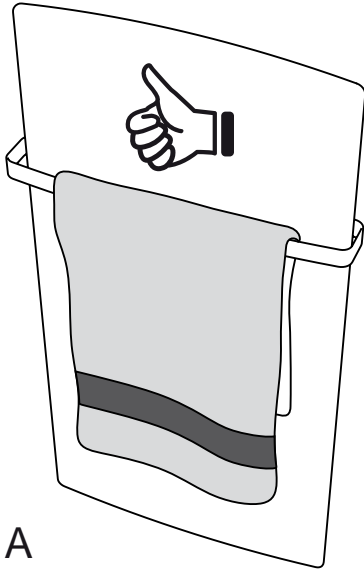
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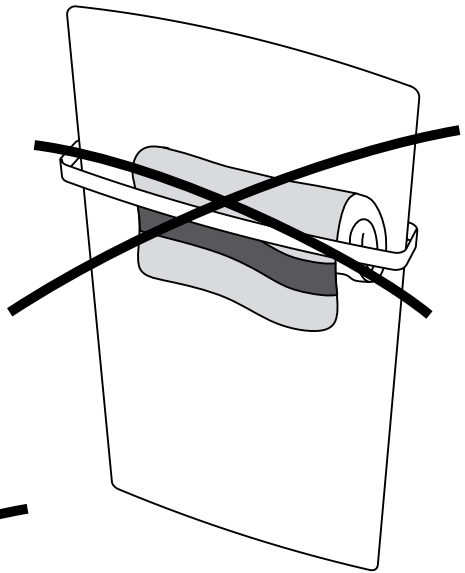
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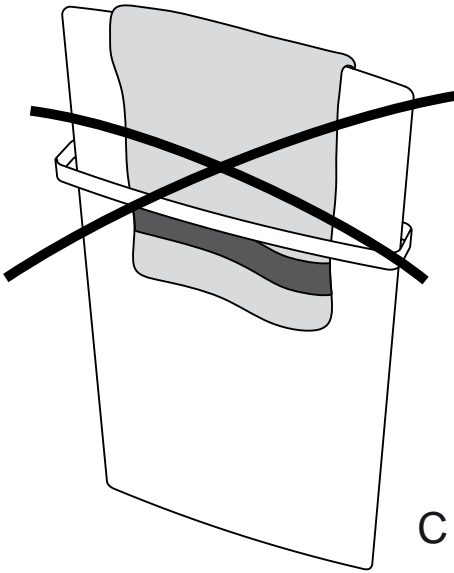
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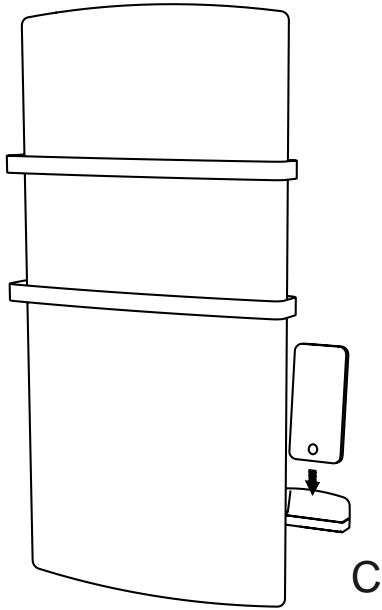
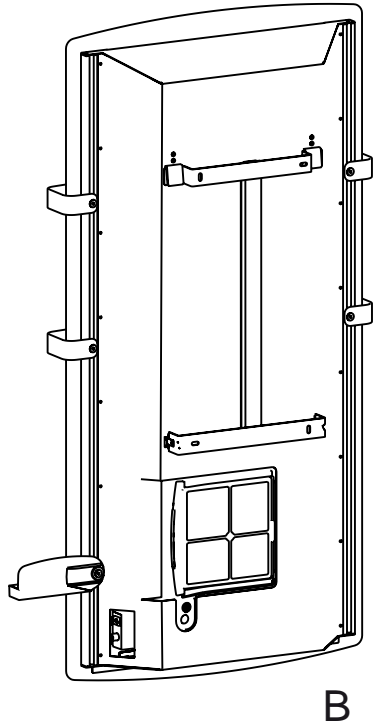
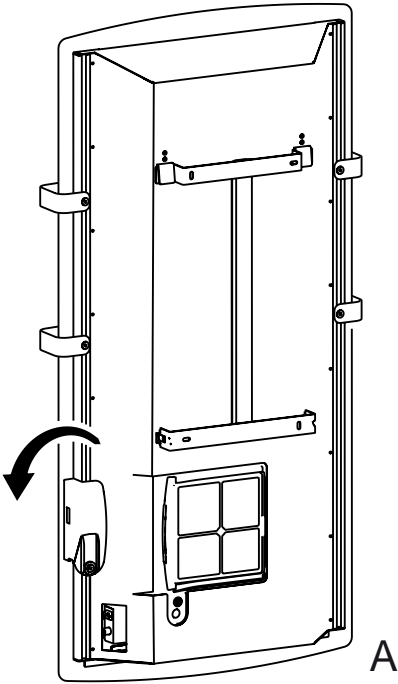
A



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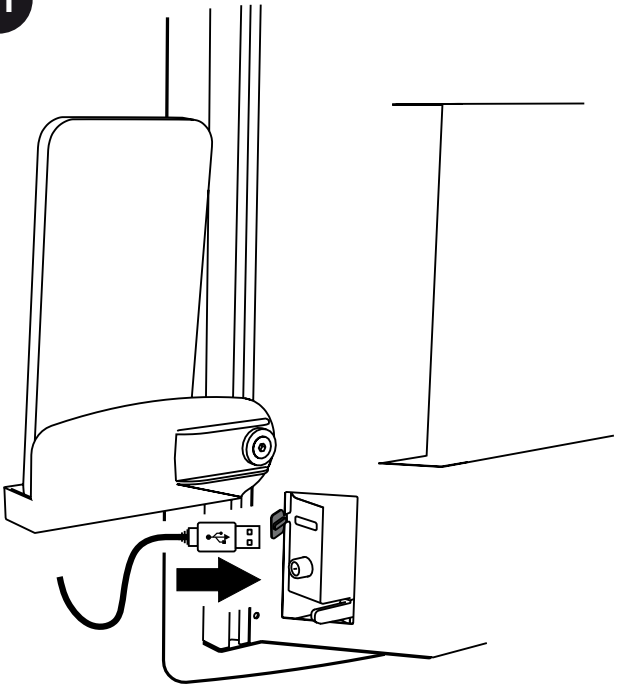


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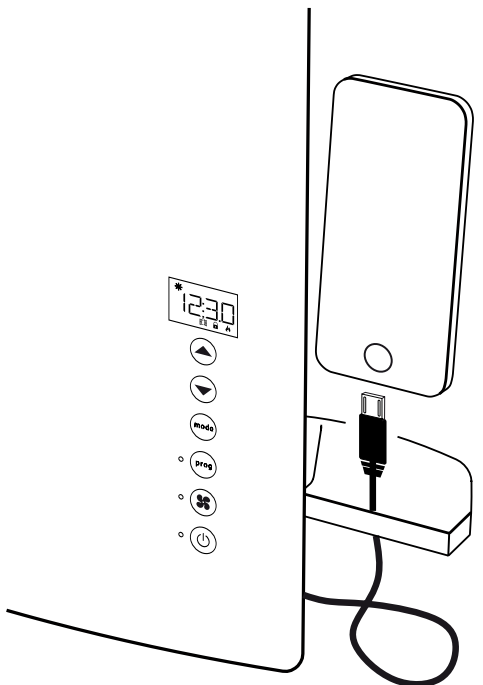




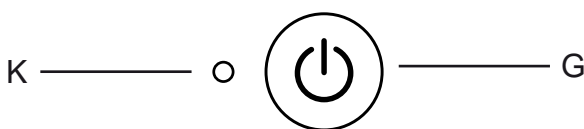
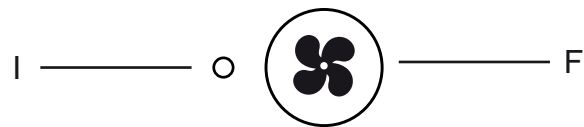
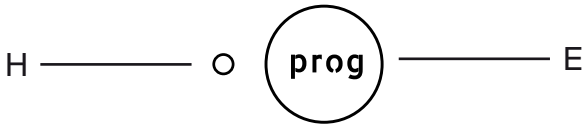
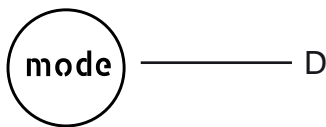
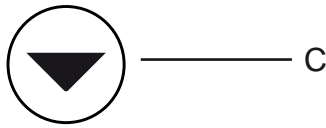
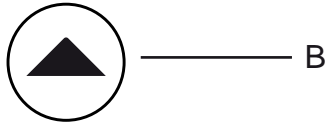
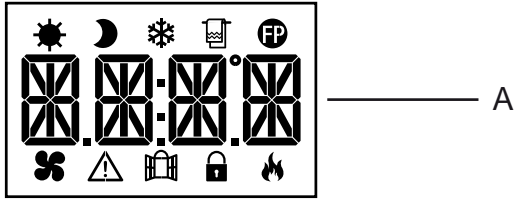
11



A



B



**Before operating the heater, please read these instructions thoroughly to avoid damage and hazardous situations. Any use of this heater other than that stipulated in this instruction manual may cause fire, electric shock or injury, and voids all warranties.**

Warranty does not apply to any defect, deterioration, loss, injury or damage caused by, or as a result of, the misuse or abuse of this heater. The rights dictated by State law are not prejudiced. None of the terms of this warranty are to be taken as excluding any conditions or warranties implied by State law, which cannot be excluded or modified.

Before any operation remove the packaging and check product integrity. In case of defects or damages do not try to repair it yourself but contact your dealer.

Do not let children play with the packaging and protect the environment by disposing of the packaging in accordance with the national regulations for waste processing.

## 1. FOR YOUR SAFETY

- This appliance is intended for normal household use and not for use in commercial/industrial environment, in vehicles or on board ships or aircrafts.
- 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. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- **CAUTION — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.**
- Make sure that your supply rating corresponds to what specified on the rating plate: 230V~, 50Hz.
- This heater is water resistant to IPX4. It can therefore be used in bathrooms or other areas subject to humidity AS LONG AS IT


IS NOT INSTALLED WITHIN THE PERIMETER OF BATH TUBS OR SHOWERS. This means that it cannot be installed in the areas marked as VOLUME 1 in picture 1.

- The IPX4 protection level is guaranteed, provided the rubber cap that protects and closes the USB port is in place and closed properly.
- During function, place the heater in a safe position:
  - at least 1m far from inflammable objects or furnitures;
  - leaving not less than 1m of free space in front of the heater;
  - not located immediately below a socket-outlet.
- Do not leave animals or children touch or play with the appliance. Pay attention! The air outlet grille gets hot during operation (more than 90°C)
- Do not use the heater in rooms with explosive gas or while using inflammable solvents or varnish or glues.
- If the cordset is damaged and you have to change it, do not do the job yourselves! Take the product to an after sales authorised repair centre or to a person with similar skill and knowledge, in order to avoid any risk of danger.
- The appliance must be positioned so that the plug is always accessible.
- Do not mount the product on walls made of synthetic material.

## 2. WALL MOUNTING





- Only fix the heater in vertical position with the air outlet grid downward;
- This heater is fitted with a double electrical insulation circuit (class II) and therefore does not require an earth connection.
- This heater must be correctly installed in compliance with the regulations in force in the country of installation.
- In wet spaces like bathrooms or kitchens, the connection terminal must be installed at least 25 cm above the floor. The electrical connection to the power supply must also be fitted with a two-pole switch with a minimum gap between the contacts that allows complete disconnection according to excess voltage III category conditions.
- Always make observe the minimum distances from walls, furniture and/or objects, as indicated in picture 2. Never install the product so that the distance between the floor and the lower side of the product is less than 600 mm:
  - Drill four 6mm diameter holes in the wall, as shown in picture 3;
  - Insert the four wall plugs supplied with the product;
  - Fix the wall bracket with the 4 screws as shown in picture 4.
- To fix one or both the towel rails to the product, before hanging it to the wall bracket, proceed as follows:
  - Insert at the extremity of the towel rails the M6 x 12mm screw and fix to it the T-nut as shown in picture 5-A;
  - T-nut must be just slightly screwed and not tighten to the end so that it will enter inside the profile of the towel warmer (picture 5-B);
  - Slide the towel rail from the top being careful not to scratch the glass or the mirror (picture 5-C);
  - Slide the towel rail until the desired position is reached (picture 5-D);
  - Move the towel rail towards the front of the heater until the T-nuts previously fixed enter the lateral profiles of the product (picture 6-A/B);
  - Fully tighten the screws at the extremity of the rail until the T-nut rotates and locks inside the profile (picture 6-C).
- To fix the product to the wall, after the towel rails have been fixed:
  - Hang the product to the upper hooks of the wall bracket (picture 7-A/B);
  - Rotate the lower part of the product towards the wall until the 2 side spring hooks snap in position inside the back panel of the heater (picture 7-C).

## 3. FILTER

- This product is fitted with a filter to protect the heating element from dust and dirt.
- The filter is removable to be easily cleaned with water (picture 8-A/B).
- To keep the heater in perfect condition, clean the filter once every six months REMEMBERING TO PUT IT BACK AGAIN AFTERWARDS (picture 8-C).
- Every 120 working hours, the user is notified of the need to clean the filter on the back of the product. The warning is given by the flashing of the  icon and a running message on the display that reads:

" PULIRE FILTRO - CLEAN FILTER - NETTOYER FILTRE "



- Even when the display is showing the message indicated above, the product continues to work in the mode active at the time the notification appears.
- If  or  key is pushed the text is removed from the display leaving the warning icon  on. The text will once again be displayed when the fan heater has been running for another hour.
- By holding the  key down when the notification is displayed, the built-in counter is reset and the notification will be displayed again after another 120 working hours. Confirmation of resetting is given by a message on the display for 5 seconds that reads *done*.

## 4. TOWELS

- Always place the towels well stretched over the rails (picture 9-A);
- Do not roll the towels between the rails and the glass (picture 9-B);
- Do not cover the product with the towels (picture 9-C) and do not place the towels in any other way that is not the provided one.

## 5. TELEPHONE SUPPORT AND CHARGER

- The product has a support for a telephone, positioned on the right side above the main power switch. To use the support, simply rotate it clockwise through 90° (figure 10).
- A telephone can be charged using the 5V 2A USB port located above the main power switch. Open the protective cap and connect the USB cable that is suitable for your device (figure 11-A).
- The underside of the support has an opening that allows the cable to pass through for charging your device, using the USB port (figure 11-B).

## 6. COMMAND DESCRIPTION AND FUNCTIONING

- The heater is fitted with a double pole electromechanical ON/OFF switch on its right side. Switching off the product the supply voltage is disconnected from all the internal components.
- The following controls are available on the front panel (picture 12):
  - A - Display
  - B - Show and increase
  - C - Show and decrease
  - D - Functioning modes selector / Settings
  - E - Programmed mode
  - F - Turbo mode
  - G - On / Stand-by
  - H - Programmed mode led light
  - I - Turbo mode led light
  - K - Functioning led light

This towel warmer may work according to 3 different functioning modes which are described below:

### Automatic Mode

The towel warmer can work in automatic mode to reach and maintain one of the following temperatures:

- Comfort temperature (set by the user);
- Eco temperature (equal to Comfort - 3,5°C);
- Frost free temperature (fixed to 7°C).

In addition to the listed modes the product can also be set to:

- Activate for 60min the heating of the front surface only to heat/dry the towels;
- Follow the commands coming from an external pilot wire control unit (only for versions without plug. Pilot wire control unit not provided).

### Programmed Mode

The product can be programmed, on hour base, for each day of the week. For each hour of the day it is possible to define the reference temperature to be reached/maintained, choosing between Comfort, Eco or Frost free.



In programmed mode the open window detection function is disabled so that the product can correctly follow the temperature profile defined by the user.

### Turbo Mode

The product works for the preset period switching on both the radiant front surface and the integrated fan heater. The functioning is continuous and not controlled by the thermostat or dependent by the temperature previously set. At the end of the preset time the product goes into the Stand-by mode.

## 7. LEDS COLOR

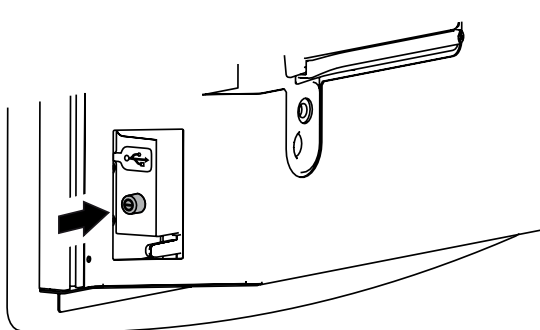
- There are 3 different led lights on the product:
- Led light to the left of the Programmed mode button (picture 12-H)
  - The led is red when the Programmed mode is activated. It is switched off when the Programmed mode is disabled.
- Led light to the left of the Turbo mode button (picture 12-I)
  - The led is red when the Turbo mode mode is activated. It is switched off when the Turbo mode is disabled.
- Led light to the left of the ON / Stand-by button (picture 12-K)
  - The led is red when the product is ON and it is heating;
  - The led is green when the product is ON but it is not heating;
  - The led is switched off when the product is in Stand-by.

## 8. USING THE FAN HEATER

### MAIN ON/OFF SWITCH (placed on the right side of the product)

The power supply of the product is controlled by an electromechanical ON/OFF switch. Switching off the fan heater will cut off the power to the electronic board and this will cause the loss of every stored information, after 30 minutes of absence of the power supply. We recommend to use this switch only when you are not using the product for long periods and instead to use the on / stand-by control for any short-term interruptions. In this way you will not lose the stored settings.

For the first use of the product or in case of power loss for over 30 minutes, when on ON position, the display shows 00:00 and begins counting the time starting from this value.



### STAND-BY BUTTON






This is used to switch the product on or put it on stand-by. The LED to the left of the button is:

- Off, if the product is on stand-by
- Green, if the product is switched on but is not heating up
- Red, if the product is switched on and is heating up




When the product is switched on, it automatically reinstates the operating mode and reference temperature at the time it was previously switched off (excepting for turbo and towel warming mode, for which the product switches on again in comfort mode).






























If the product is new or there has been a power failure on the mains supply for more than 30 mins, the radiator switches on in comfort mode and the default reference temperature is 23°C.

### SETTINGS

The following keys , , and , will allow you to adjust the current hour and day of the week (1 = Monday), the Comfort temperature and to activate or deactivate the open window detection function.

E.g.: To set 08:30, Tuesday, Comfort temperature of 25°C and enable the open window detection previously disabled, proceed as follows:

	Time setting
 3"	Activate display / edit by holding the key down  for at least 3 seconds.
	The two hour digits flash.

	<p>Select the current hour using the  and  keys.</p>
	<p>Push the  key to confirm.</p>
	<p>The two minute digits flash.</p>
	<p>Select the current minutes using the  and  keys.</p>
	<p>Push the  key to confirm.</p>
	<p>Setting the day of the week</p>
	<p>Having confirmed the current minutes, the day of the week starts to flash (1 = Monday).</p>
	<p>Select the current day using the  and  keys.</p>
	<p>Push the  key to confirm.</p>
	<p>Setting the Comfort temperature (Eco = Comfort - 3,5°C)</p>
	<p>Having confirmed the current day, the Comfort temperature begins to flash.</p>
	<p>Select the temperature required using the  and  keys.</p>
	<p>Push the  key to confirm.</p>
	<p>Open window detection</p>
	<p>Having confirmed the Comfort temperature value, the window symbol begins to flash.</p>
	<p>Select ON or OFF the  and  keys.</p>
	<p>Push the  key to confirm and exit the settings menu.</p>



## OPEN WINDOW DETECTION

This function makes it possible to detect an open window and automatically activate the Anti-freeze operating mode. When the function is enabled and ready to set the Frost-free mode if an open windows is detected, a dedicated icon lights up on the lower area of the display.



If a temperature drop is observed in the room during the normal functioning, the Frost-free mode is automatically activated to save energy consumption. The icon flashes to show that the open window function operates.



The reset of the normal functioning is not automatic but is achieved by pressing one of the six buttons of the product.



- Correct operation of this function may depend on where the radiator is positioned in the room, the presence of draughts, the outside temperature, and how long the window stays open.

- The open window detection function can be used only in Comfort, Eco and Pilot wire mode.

## DISPLAY / CHANGE THE COMFORT TEMPERATURE

You can check the set Comfort temperature at any time by pressing a single time the  or  key when the system is in Comfort, Pilot wire or Programmed mode. A further presson will modify the set temperature.

**Note:** The temperature measured by the inner sensor of the product is representative of the ambient temperature nearby it and it may differ from the temperature measured using other instruments in other areas of the room. That difference may depend on many factors including, for example:

- the installation position: some areas of the room may be affected by drafts or hot air sacs that modify the sensor measurement;


- the fixation to an external wall that, being normally colder than internal walls, may imply the measurement of a temperature lower than the real room temperature;

- a full load of towels on the support bar may obstruct the airflow. As a result the sensor may measure a temperature higher than the real room temperature;


- unstable conditions: any evaluation must be done in stable working conditions. For this purpose comfort temperature should be changed only 60min after a previous change. It is not possible, indeed, to evaluate the room temperature maintained by the product correctly if the comfort level temperature is continually changed in a short time.

If a difference between set temperature and room temperature is detected in stable working conditions, measure the difference and then increase or decrease the comfort temperature on the product of the exact value of measured difference.


## AUTOMATIC MODE

Pushing the button  makes it possible to activate the following automatic operating modes in sequence:


- **Comfort**

The product automatically selects the power required to reach and maintain the Comfort temperature set by the user. The  symbol switches on at the top of the display.

- **Eco**


The product automatically selects the power necessary to reach and maintain the Eco temperature, which is equal to the Comfort temperature -3,5°C. The  symbol switches on at the top of the display.

- **Anti-freeze**

The product automatically selects the power necessary to reach and maintain the anti-freeze temperature, which is equal to 7 + 3°C. The  symbol switches on at the top of the display.


- **Towel warmer**

The product activates heating, NOT regulated by the thermostat, of the front surface, for heating / drying towels. The operating time is fixed, not editable, and set at 60 min. On completion of this operation, the product goes into


Stand-by mode. While operating, the  symbol switches on at the top of the display and the time remaining is shown in place of the current time.


- **Pilot wire**

In this mode, the product operates according to the signals received by a pilot wire control unit (not supplied).

The  symbol switches on at the top of the display

## WEEKLY PROGRAM

The Programmed mode  allows to set, for every hour of day and for every day of the week independently, the desired temperature choosing between the Comfort, Eco (equal to that of Comfort decreased by 3.5 ° C) or Antifreeze.

A short press of the button  allows to activate/deactivate the programmed functioning. A long press (> 3") allows to enter the view/change menu. If the product is brand new the default program is the following:


Always Frost-free mode except Comfort mode in the following hours:
















- from 06:00 to 08:00 on Monday-Friday;
- from 08:00 to 10:00 on Saturday-Sunday.



Press the dedicated button to quickly activate the program mode!

To view/change the program proceed as follows:

Press and hold the  button for 3 seconds to enter the menu:

	<p>Activate display / edit by holding the  key down for at least 3 seconds.</p>
	<p>The display shows the day, 1 (Monday)</p>
	<p>Push the  and  keys to display the various hours of the day starting from "00" (hour included between 00:00 and 00:59)</p>
	<p>The reference temperature set for the time slot selected, is indicated by the relevant icon switching on:</p> <ul style="list-style-type: none"> <li> Comfort set by the user</li> <li> Eco = Comfort – 3,5°C</li> <li> Anti-freeze (temperature of 7°C)</li> </ul> <p>The reference temperature required can be edited by pushing the  key. The icons indicated above switch on in sequence and indicate the reference temperature. A letter to the right of the time, also indicates the reference temperature: C = Comfort, E = Eco, I = Anti-freeze.</p>
	<p>Use the  and  keys to display / edit the temperature set for each of the hours of day 1. Once hour 23 is reached, the next time the key  is pushed moves the system on to programming day 2:</p>
	<p>At this stage it is possible to choose whether to display / edit the temperature for the individual hours of day 2, or to set day 2 identical to day 1. In the former case, use the  and  keys as already illustrated for day 1, in the latter case, simply push the  key again. By doing this, day 2 is automatically made the same as day 1 and the system moves on to the beginning of day 3. This procedure can be repeated until day 7 has been programmed:</p>
	<p>On completion of programming of day 7, or in any intermediate phase of programming, when the  key is pushed the program confirm and save phase begins.</p>
	<p>The display reads "End" and when the  key is pushed again the program just defined is saved.</p>

done


When the display reads "donE" for a few seconds, this is confirmation that the procedure has been completed correctly. The product goes back to the operating state programmed for the current time and day.

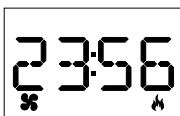
**Note:**



- At any time you can abandon the procedure for viewing / editing the program deleting unsaved changes by pressing the Stand-by button;
- During the programming the heating elements are disconnected and the product doesn't heat.

**TURBO MODE**

- The heater works for the preset period switching on both the front surface heating and the fan heater integrated at the bottom of the unit. The functioning period can be set choosing between 10, 20,30 and 60 minutes just pushing repeatedly the Turbo  key.
- The display reads the Turbo function icon, the pilot flame representing that heating is activated and the remaining functioning time:



- To deactivate the Turbo function just press the  key at any time.

**9. LOCK FUNCTION**



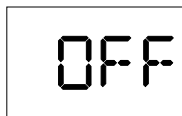
Access the lock function by holding the  key down for at least 10 seconds. It is normal for the time to begin flashing after 3 seconds. Do not remove your finger from the button until the display reads "LOCK".




To activate the Lock function, push the  key. The display reads ON and the lock symbol is shown at the bottom of the display:



To deactivate the Lock function, push the  key. The display reads OFF



Confirm the setting chosen by pushing the  key . The system goes back to the operating mode in progress previously.

## 10. TROUBLESHOOTING

- In the event of overheating, the safety device on the appliance automatically disabled the heating elements and motor. In this case:
  - Turn off the fan heater and allow it to cool down for about 15/20 minutes.
  - Make sure the dust filter is not totally obstructed and clean if necessary. Remember to put it back again afterwards.
  - Eliminate any other possible reasons for overheating (e.g.: obstructions in front of the air inlet/outlet grilles, build-ups of dirt).
  - Turn on the fan heater again and check it works correctly.
- If the touch control commands are blocked or don't properly answer to digital pressure, turn off the heater using the electromechanic switch on the left side of the heater. Then turn on the heater using the same switch.

## 11. MAINTENANCE

- This product does not require any special maintenance.
- Clean the product with a dry cloth once every 6 months.
- If the product requires repairing, contact an authorised technical service centre.
- When replacing the power cable, use a 2x1,00mm<sup>2</sup> H05VV-F HAR type. This operation must be performed by qualified personnel and never by the end user in order to avoid damaging the appliance and jeopardising personal safety.

## 12. LEGAL NOTICE



### **Environment and recycling**

Please help us to protect the environment by disposing of the packaging in accordance with the national regulations for waste processing.

### **Recycling of obsolete appliances**

Appliances with this label must not be disposed off with the general waste. They must be collected separately and disposed off according to local regulations.

Information requirements for electric local space heaters

Model identifier(s): DEVA					
Item	Symbol	Value	Unit	Item	Unit
<b>Heat output</b>				<b>Type of heat input, for electric storage local space heaters only (select one)</b>	
Nominal heat output	$P_{nom}$	1,5	kW	manual heat charge control, with integrated thermostat	no
Minimum heat output (indicative)	$P_{min}$	0,3	kW	manual heat charge control with room and/or outdoor temperature feedback	no
Maximum continuous heat output	$P_{max,c}$	1,5	kW	electronic heat charge control with room and/or outdoor temperature feedback	no
<b>Auxiliary electricity consumption</b>				fan assisted heat output	no
At nominal heat output	$e_{l_{max}}$	1,500	kW	<b>Type of heat output/room temperature control (select one)</b>	
At minimum heat output	$e_{l_{min}}$	0,300	kW	single stage heat output and no room temperature control	no
In standby mode	$e_{l_{SB}}$	0,00029	kW	Two or more manual stages, no room temperature control	no
				with mechanic thermostat room temperature control	no
				with electronic room temperature control	no
				electronic room temperature control plus day timer	no
				electronic room temperature control plus week timer	yes
				<b>Other control options (multiple selections possible)</b>	
				room temperature control, with presence detection	no
				room temperature control, with open window detection	yes
				with distance control option	no
				with adaptive start control	no
				with working time limitation	no
				with black bulb sensor	no
Contact details	Ermete Giudici S.p.A. - via L. da Vinci 27 - 20090 Segrate (MI) Italia				