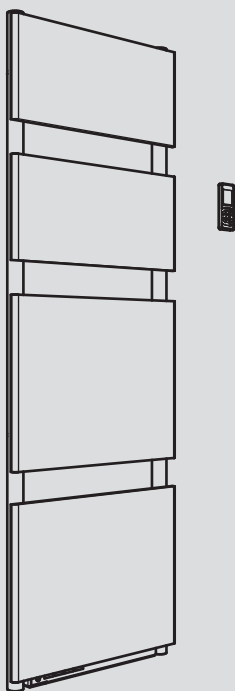


MANUALE D'USO E INSTALLAZIONE
OPERATION AND INSTALLATION MANUAL
NOTICE D'UTILISATION ET D'INSTALLATION
MANUAL DE USUARIO Y DE INSTALACIÓN





SAFETY INSTRUCTIONS



- Should damages be caused from breach of these regulations, the manufacturer's guarantee shall be invalidated.
- Do not use the appliance outdoors.
- Your appliance is intended for domestic use. It may not be used for other purposes.
- If the appliance has been dropped, has been damaged or does not function correctly, do not use it and ensure that the appliance power supply has been disconnected (fuse or switch).
- Do not dismantle the appliance. A poorly-repaired appliance can cause risks for the user. Contact your retailer for any problem.
- If the power lead has been damaged, it must be replaced by the manufacturer, after-sales service or another professional to avoid all danger.
- Warning: the power lead must not touch the heating body.
- Warning: to avoid a risk of overheating, do not cover the unit. If you do, the rise in temperature will activate the built-in protection device.
- This appliance is intended only to dry laundry washed with water.

WARNING

In order to avoid any hazard to young children, it is recommended to install the unit so that the lower radiant bar is at least 600 mm above the floor.



WARNINGS FOR DISABLED PEOPLE AND CHILDREN



- This equipment may not be used by people with reduced physical, sensory, or mental capacity, those without any knowledge of the equipment, or children over 8 years of age, unless supervised and instructed on safe use of the equipment, and aware of all the risks.
- Children must not play with the equipment.
- Cleaning and maintenance tasks must not be done by children without supervision.
- We recommend keeping the device out of reach of children below 3 years of age, unless under constant adult supervision.
- Children between 3 and 8 may only switch the device on and off, providing it is installed regularly in the stipulated position, that the children are under constant adult supervision or have been instructed in the safe use of the equipment, and that they fully understand potential dangers.
- Children between 3 and 8 must not set up, regulate or clean the device, nor undertake maintenance on it.





ATTENTION

Some parts of this product may overheat and cause burns. Be especially careful in the presence of children and vulnerable adults.




CHILDREN SAFETY

Lock Keyboard





Hold down the   TOWEL WARMER and  DEHUMIDIFIER buttons for more than 5 seconds, to activate **lock keyboard**, indicated by a green light flashing on the  ON/OFF button.



To unlock the keyboard, hold the   e  buttons down together for more than 3 seconds.

Key-lock

This function allows the user blocking the keypad so to avoid inadvertent changes. To enable the **Key-lock** function, press simultaneously the keys  MODE and  for 3 seconds. To disable the function, repeat the same procedure.



PREPARATION FOR INSTALLATION

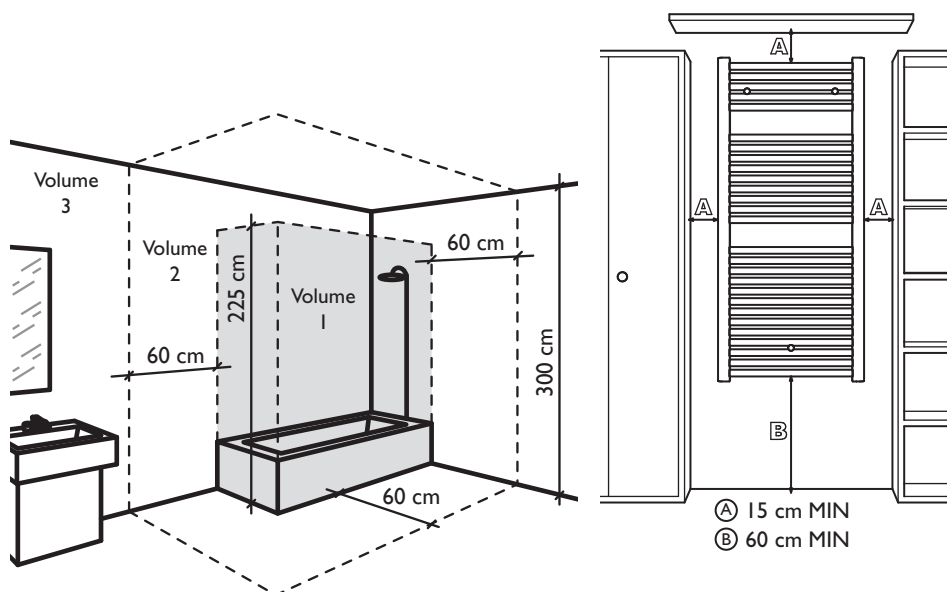
Before connecting the heating appliance, disconnect the power supply using the general switch.

This heating appliance is a class II appliance. As such, it may be installed in all rooms of the house, including in protection volumes 2 and 3 of a bathroom (**IP24**).

The heating appliance must be installed in such a way that the switches and other control devices cannot be touched by someone **in the bath or shower** (ref. standard NF C15-100).

The heating appliance must not be installed beneath a socket. The heating appliance must be installed at least 15 cm away from all obstacles (shelves, curtains, furniture, etc.).

The power circuit of this appliance must include an all-pole circuit breaking device (ref. standard NF C15-100).



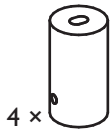
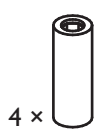
POWER SUPPLY AND ELECTRICAL CONNECTIONS

- In accordance with the rules in force, the power of the heating appliance must be protected by an RCD of 30 mA and an over-current protection device, suitable to the characteristics of the connection line.
- Before using the appliance the first time, check that the voltage used corresponds to that specified on the appliance.
- This heating appliance is a class II appliance (double electrical insulation).
- Earth connection is prohibited.
- **Connection of the two wires** must take place in an electrical junction box compliant with current regulations.
- In terms of French regulations, **do not fit a plug to the cable** for connecting it to an electrical socket.

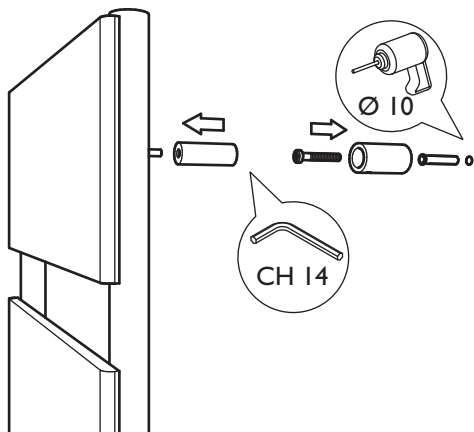
Single-phase power supply 230V~ ±10% 50 Hz.

- Blue/gray wire: Neutral
- Brown wire: Live

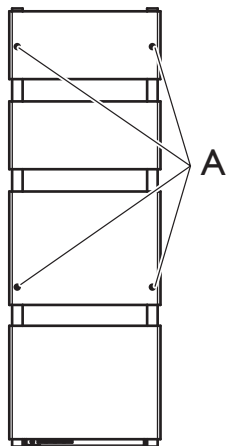
WALL MOUNTING THE FIXING KIT



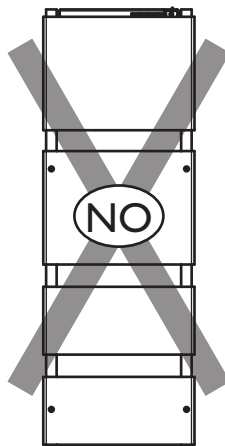
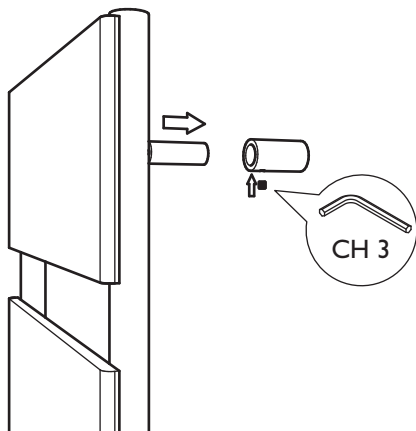
1



2

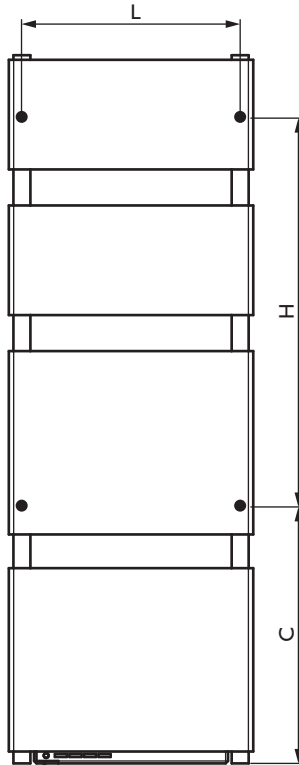


3



INSTALLAZIONE

	WHITE	
Power	500 + 750 + 60 W	750 + 750 + 60 W
Power with hot air blower	1310 W	1560 W
L	450 mm	450 mm
H	450 mm	906 mm
C	435 mm	435 mm

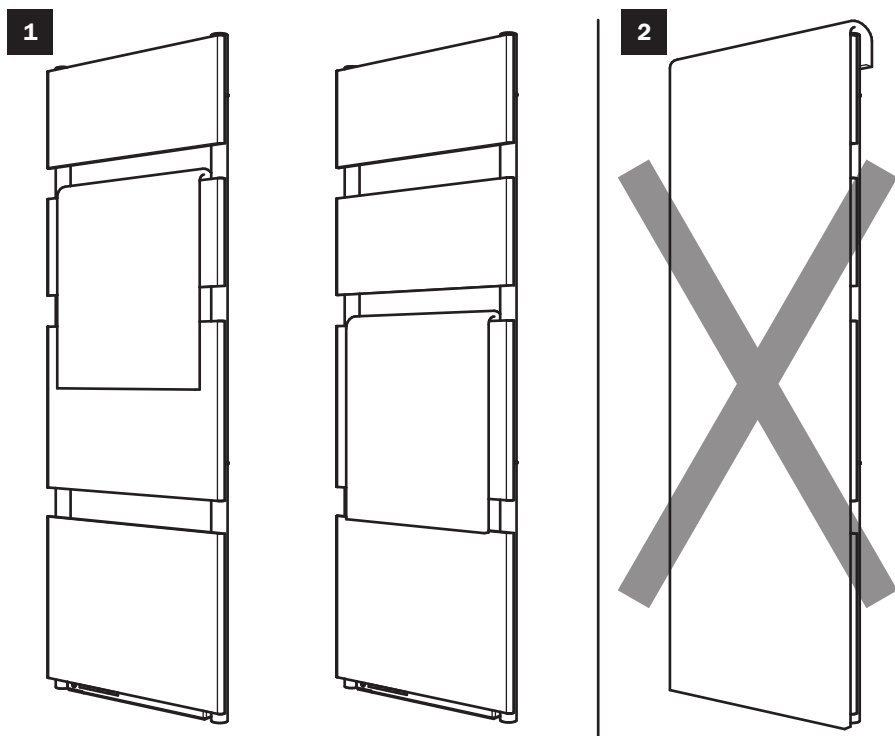


CORRECT USE

Use the product as shown in figure 1. Never cover the entire unit with towels or clothing (figure 2). The manifolds (vertical pipes) cannot be covered. Incorrect use can cause dangerous overheating, and compromise how the equipment works.

To clean the equipment, do not use chemical products, but only a non abrasive damp cloth.

Do not cover rear or front grid with any sheet or similar

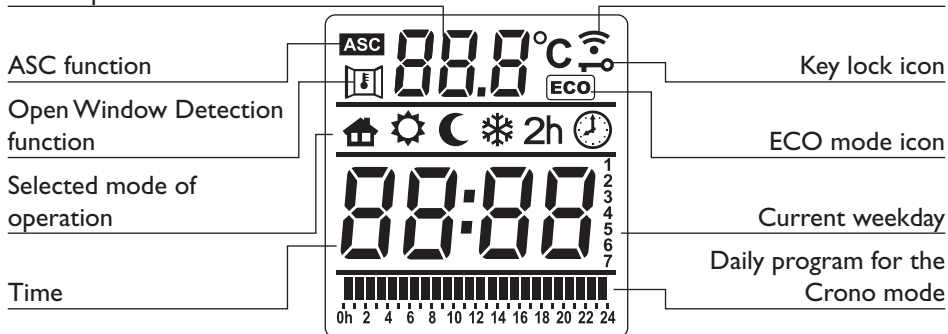
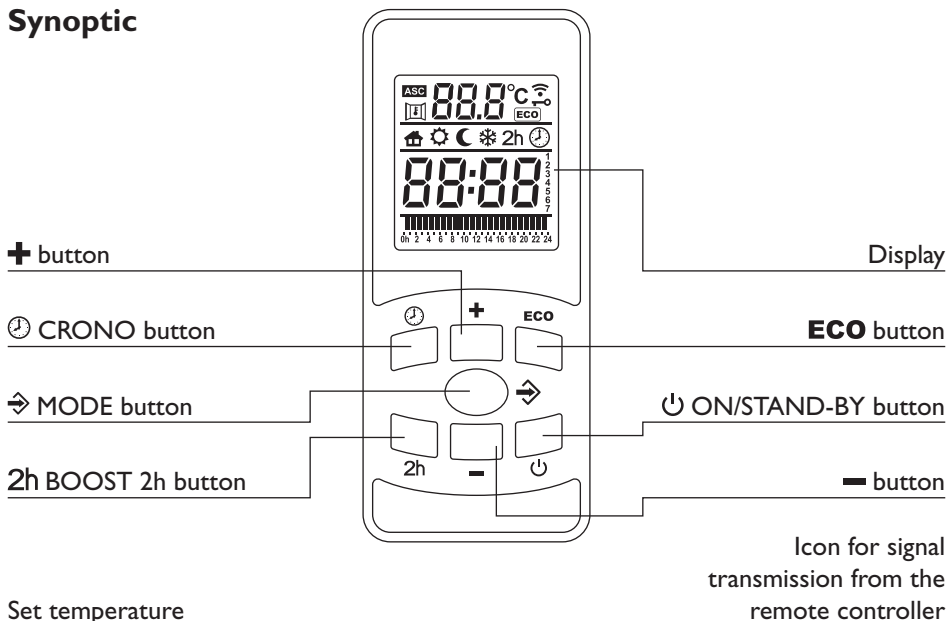


Do not cover the heating device.



REMOTE CONTROL OPERATION

Synoptic



Icon	Mode or function	Description
	Comfort	It enables and sets the temperature in the Comfort mode
	Night	It enables and sets the temperature in the Night mode
	Antifrost	It enables the Antifrost mode
	Crono	It enables the Crono mode
2h	Boost 2h	It switches on the device set on the maximal power for two hours
	Key-lock	It enables the keypad lock

Icon	Mode or function	Description
	Eco	It enables the ECO function
	Open Window Detection	It enables the Open Window Detection function
	ASC	It enables the ASC function
	Stand-by	The device enters the Stand-by mode
	Fil pilote	Function not active

Power ON / Stand-by

Press the ON/STAND-BY key to switch on the device or to enter the **Stand-by** mode.

When the device is switched on, the display shows the set temperature, mode and time.

In **Stand-by** mode the current time and day of the week are displayed.

This button activates the same function as the fan's "ON/STANDBY" button.

Neither enjoys precedence over the other.

Operating modes

Press the MODE key to select the desired operating mode, an icon on the display indicates the selected operating mode (as in the legend below).

	Chrono		Night
	Comfort		Antifrost

Comfort Mode

The temperature **Comfort** corresponds to the temperature that the user desires.

This operating mode is intended for the ordinary employment of the thermostat.

- Press the MODE key until the **Comfort** icon is shown on the display.
- Set the desired temperature through the and keys (maximum temperature 32°C)
- Key and key with blue light on: mode on for both.
- Key with blue light flashing and key with blue light on: mode that indicates 1°C less than the temperature set.

- Key and key with blue light flashing: mode on standby for both.

Night Mode

The **Night** mode allows setting a temperature value lower than the **Comfort** mode temperature value. It is suggested to select this operating mode either during the night or when the room is not occupied for 2 hours or longer.

- Press the MODE key until the **Night** icon appears on the display
- Set the desired temperature through the and keys (maximum temperature 21°C)
- Key and key with blue light on: mode on for both.
- Key with blue light flashing and key with blue light on: mode that indicates 1°C less than the temperature set.
- Key and key with blue light flashing: mode on standby for both.

Crono mode

Temperatures of **Comfort** and **Night** modes and the operating time intervals can be configured.

To activate the **Crono** function, hold the MODE button down, until the **Crono** icon appears on the display. The display indicates **Crono**.

How to set the time sequence: press the CRONO key to enter the setting mode.

Setting time and date:

The flashing digit indicates the day of the week: press the **+** and **-** keys to set the desired day, press **⇒** MODE to confirm.

Use the **+** and **-** keys to set the hour and then **⇒** MODE to advance to the minutes setting.

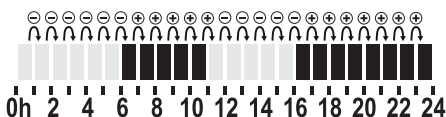
Repeat the same procedure to set the minutes. Press **⇒** MODE to confirm.

Setting the weekly program.

The programming starts automatically from day 1; to set the hour, use the **+** and **-** keys. The **+** key sets the **Comfort** temperature, which is indicated by full bar; the **-** key sets the **Night**, which is indicated by an empty bar. In order to program the 24 hours, press the **+** and **-** keys: once one of the two keys has been pressed, the program will advance automatically to the following hour.

- Key **☼** and key **🔒** with blue light on: mode on for both.
- Key **☼** with blue light flashing and key **🔒** with blue light on: mode that indicates 1°C less than the temperature set.
- Key **☼** and key **🔒** with blue light flashing: mode on standby for both.

Example:



Appuyez sur la touche **⇒** MODE pour confirmer et avancer vers le jour suivant.

Lorsque le 7^{ème} jour est configuré, le programme revient automatiquement au mode de fonctionnement précédent.

Antifrost mode ❄️

The **Antifrost** mode enables the heating element of the electronic control when the room temperature drops below a specific threshold (please refer to the thermostat user manual).

It is recommended to use this mode when the room is not occupied for several days.

- Press the **⇒** MODE key until this mode is selected.

Boost 2h mode 2h

The **Boost 2h** mode can be used to heat quickly the room.

- To enable the function, press the relative **2h BOOST 2h** key, the **2h** icon is shown on the display. The user can exit this mode by pressing the **2h BOOST** key, the **⏻ ON/STAND-BY** key or **⇒** MODE.
- Key **☼** and key **🔒** with blue light on: mode on for both.
- Key **☼** with blue light flashing and key **🔒** with blue light on: mode that indicates 1°C less than the temperature set.
- Key **☼** and key **🔒** with blue light flashing: mode on standby for both.

Functions










Lock keys using the remote control 🔒

This function allows the user blocking the keypad so to avoid inadvertent changes. To enable the **Key-lock** function, press simultaneously the keys **⇒** MODE and **+** for 3 seconds. To disable the function, repeat the same procedure.

ECO mode **ECO**

The **ECO** function can be used to reduce the electric consumption when the room is not occupied for a certain period.

- To enable the function, press the dedicated **ECO** key. Every temperature previously set is lowered by 3°C. The **ECO** icon is shown on the display.

- To disable this function, press again the **ECO** key.
- Key  and key   with blue light on: mode on for both.
- Key  with blue light flashing and key   with blue light on: mode that indicates 1°C less than the temperature set.
- Key  and key   with blue light flashing: mode on standby for both.

ASC function

To enable the **ASC** function press the  MODE key until the  **Crono** icon is shown on the display.


- Press simultaneously the keys **ECO** and **+** for at least three seconds.
- To disable this function, repeat the procedure.

NOTE - This function is not available on every thermostat model; please refer to the user manual for a precise description of the function.

NOTE - This function is only available in the **Crono** mode.

Open Window Detection function



- To enable the **Open Window Detection** function, press simultaneously the keys **ECO** and  for at least three seconds.
- To disable this function, repeat the procedure.

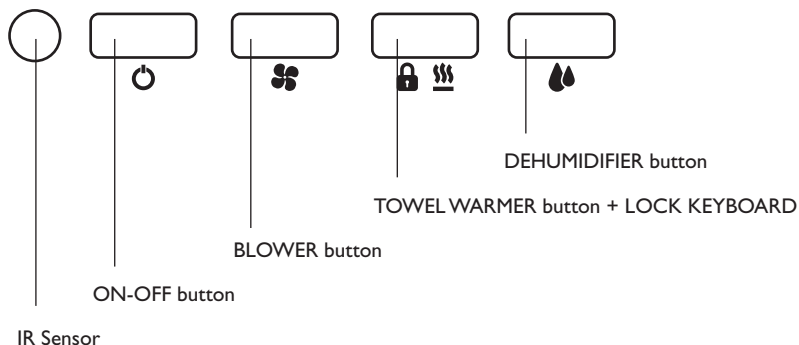
Low battery warning

When the battery power is low, the message Batt appears on the display. The batteries must be replaced as soon as possible.

Note - The signal is transmitted from the remote control to the thermostat after one second from the moment the temperature/model/function etc. etc. have been set.

BLOWER OPERATION


Overview



Operating mode

ON-OFF button






LED status 	Description
Off	System not powered
Green steady (stand-by)	Dehumidifier cannot be switched on, blower and towel warmer cannot be switched on from the keypad, but can be switched on from the remote control.
Orange steady	Dehumidifier can be switched on, blower and towel warmer can be switched on from the keypad and the remote control.
Orange flashing	Commands being received from the remote control.

PLEASE NOTE - If the radiator is switched off, the next time it is switched on again, the previous status will be reinstated when it starts up.

BLOWER function







The **blower function** is switched on by pushing the  BLOWER button (see image above). If the  BLOWER button is pushed once, the blower runs for 2 hours and then switches off. If the ambient temperature goes above **27°C**, the towel warmer goes into stand-by mode, and stays there until the ambient temperature drops below **27°C** or until 2 hours have passed.



LED status 	Description
Off	The blower does not run.
Blue, steady	Timer controlled operation for 2 hours. The blower goes into stand-by mode when the present temperature is reached, that is 27°C .
Blue, flashing	Blower in stand-by mode.

TOWEL WARMER function

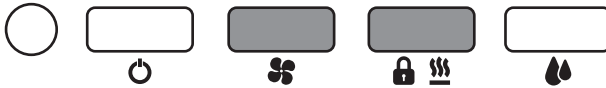



The **Towel warmer function** is switched on by pushing the   TOWEL WARMER button (see image above). If the   TOWEL WARMER button is pushed once, the towel warmer runs for 2 hours and then switches off. If the ambient temperature goes above **32°C**, the towel warmer goes


into stand-by mode, and stays there until the ambient temperature drops below **32°C** or until 2 hours have passed.

LED status  	Description
Off	The towel warmer is off.
Blue, steady	Timer controlled operation for 2 hours.
Blue, flashing	Heating coil on stand-by.

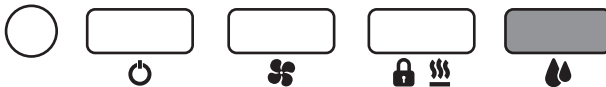
BLOWER + TOWEL WARMER mixed function







If the  BLOWER button is pushed when the **towel warmer function** is on, you can start the **blower + towel warmer mixed function**, which allows both the blower and the towel warmer to run until the ambient temperature reaches **28°C**.


LED status 	Description
Blue, steady	Towel warmer function on.
Blue, flashing	Towel warmer function on stand-by.

DEHUMIDIFIER function



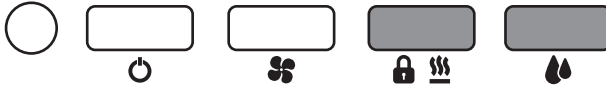
The **Dehumidifier function** is switched on by pushing the  DEHUMIDIFIER button (see image above). If the  DEHUMIDIFIER button is pushed once, the dehumidifier runs for 24 hours and then switches off.

If the  DEHUMIDIFIER button is pushed again, the dehumidifier runs with no time limit. The **dehumidifier function** can be switched off by pushing the  DEHUMIDIFIER button a third time.

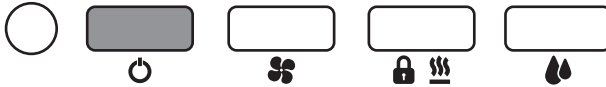
LED status 	Description
Off	The humidifier is off.
Blue, steady	Timer controlled operation for 24 hours. The dehumidifier switches off after 24 hours.
Blue, flashing	Continuous dehumidifier functioning, without time limit.
Red, steady	Tray error (tray not installed correctly, or full)




PLEASE NOTE - The dehumidifier only works with the manual command. If the tray is full or not installed correctly, the dehumidifier DOES NOT switch on.

Lock Keyboard

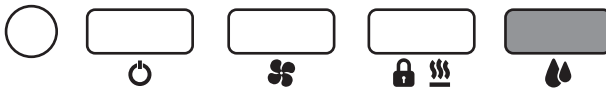



Hold down the   TOWEL WARMER and  DEHUMIDIFIER buttons for more than 5 seconds, to activate **lock keyboard**, indicated by a green light flashing on the  ON/OFF button.



To unlock the keyboard, hold the   and  buttons down together for more than 3 seconds.

Error messages



LED status 	Description
Red, steady	Tray error messages (tray not installed correctly, or full)
Red, flashing	Error messages (filter clogged, sensor broken, fan broken, etc.).

Reset option

To reset the unit, hold down the BOOST and DEHUMIDIFIER buttons together for about 5 seconds.

We recommend using the reset only when the unit is already in error mode.

TECHNICAL SPECIFICATIONS

- Supply voltage 230V \pm 10% 50Hz with 0.8m cable.
- CTN temperature probe.
- IP24.
- Operating temperature 0° - 50°C.
- Thermal over-temperature protection for device resistance.
- Thermo-mechanical security on device resistance.
- Clogged filter or fan malfunctions via CTN thermal probe.
- Neutral switching.
- Heated towel rail resistance + device: 500W+750W+60W \circ 750W+750W+60W (resistance load).
- Tray capacity: 1 litre.


Remote control

Display	LCD
Keypad	Keypad with 7 keys
Temperature setting	Digital
Mode setting	Digital
Modes of operation and activated functions	Comfort, Night, Antifrost, Stand-by, Crono, Fil-Pilote, Boost 2h, ECO, Open Window Detection, Asc, Key-lock
Selectable temperature range	7°C \div 32°C
Operational temperature range	-10°C \div +40°C
Battery type	2x1,5V,AAA
Signal transmission	Infrared (through two transmitters)
Dimensions	100 x 42 x 27mm (H x L x l)
Mounting	Wall mounting through the specific support
Warranty	2 years

Manufacturer: DELTACALOR s.r.l.

Instruction manual available from:

<http://www.lfantoni.com/d/DOC.IS.003641.pdf>

The  symbol applied to the product means that it is compulsory to consign the appliance to a special waste collection centre in case of disposal, in conformity to the 2012/19/UE Directive. The appliance may also be returned to the dealer if it is being replaced. This product is not included in the ordinary domestic waste category. A correct waste disposal implies protecting the environment and limiting exploitation of natural resources.

Declaration of conformity: The manufacturer hereby declares, under own exclusive responsibility, that the product subject to this manual satisfies the essential requirements of Low Voltage Directives 2014/35/UE, CEM 2014/30/UE and RoHS 2011/65/UE.



model 500 + 750 + 60 W			
Item	Symbol	Value	Unit
Heat output			
Nominal heat output	P_{nom}	1,31	kW
Minimum heat output (indicative)	P_{min}	0,06	kW
Maximum continuous heat output	$P_{max,c}$	1,31	kW
Auxiliary electricity consumption			
At nominal heat output	eI_{max}	1,31	kW
At minimum heat output	eI_{min}	0,06	kW
In standby mode	eI_{SB}	<0,0005	kW

model 750 + 750 + 60 W			
Item	Symbol	Value	Unit
Heat output			
Nominal heat output	P_{nom}	1,56	kW
Minimum heat output (indicative)	P_{min}	0,06	kW
Maximum continuous heat output	$P_{max,c}$	1,56	kW
Auxiliary electricity consumption			
At nominal heat output	eI_{max}	1,56	kW
At minimum heat output	eI_{min}	0,06	kW
In standby mode	eI_{SB}	<0,0005	kW

Item	Unit
Type of heat input, for electric storage local space heaters only (select one)	
Manual heat charge control, with integrated thermostat	no
Manual heat charge control with room and/or outdoor temperature feedback	no
Electronic heat charge control with room and/or outdoor temperature feedback	no
Fan assisted heat output	no
Type of heat output/room temperature control (select one)	
Single stage heat output and no room temperature control	no
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
Other control options (multiple selections possible)	
Room temperature control, with presence detection	no
Room temperature control, with open window detection	yes
With distance control option	yes
With adaptive start control	yes
With working time limitation	yes
With black bulb sensor	no

