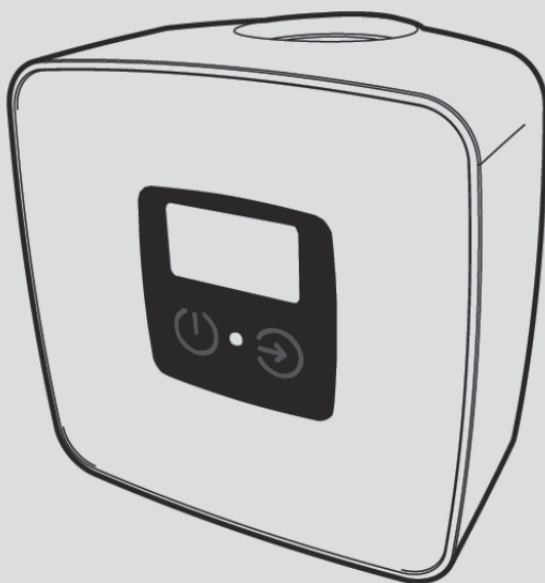


**MANUALE D'USO E INSTALLAZIONE  
OPERATION AND INSTALLATION MANUAL  
NOTICE D'UTILISATION ET D'INSTALLATION  
MANUAL DE USUARIO Y DE INSTALACIÓN  
INSTALLATION UND ANWENDUNG HANDBUCH**



### [IT]

Queste istruzioni devono essere lette attentamente per garantire il funzionamento in sicurezza del prodotto. Pertanto si raccomanda fortemente di leggerle prima di procedere con l'installazione e di conservarle per poterle consultare in futuro. In caso di dubbi circa le modalità di installazione del prodotto, chiedere assistenza a un tecnico qualificato.

### [EN]

These instructions must be read carefully to ensure the product operates safely. We would therefore strongly recommend reading them before starting on installation and keep them for future reference. Call a qualified technician for help if you have any doubts about installing the product.

### [FR]

Seul un usage approprié des instructions suivantes pourra garantir la sécurité du produit. Il est donc fortement conseillé de les lire avant l'installation et de les conserver pour un éventuel usage futur. Dans le cas où des doutes relatifs au montage du produit surviendraient, il est conseillé de demander l'intervention d'une personne technique qualifiée.

### [ES]

Se deben seguir correctamente todas las instrucciones para mantener la seguridad del producto. Por lo tanto, se recomienda particularmente leerlas antes de instalar el aparato y mantenerlas para referencia futura. Si no está seguro de la instalación del producto, solicite la ayuda de un técnico cualificado.

### [DE]

Diese Instruktionen müssen aufmerksam gelesen werden, um den sicheren Betrieb des Produktes zu gewährleisten. Deshalb wird empfohlen, diese unbedingt durchzulesen, bevor man zur Installation schreitet und sie für späteres Konsultieren aufzubewahren. Im Falle eines Zweifels bezüglich des Vorgehens beim Einbau muss die Assistenz eines qualifizierten Technikers angefordert werden.



## 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.



## **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.

## **CHILDREN SAFETY**

### **Procedure for locking and unlocking the keyboard**

To lock the keyboard, push the stand-by button quickly 3 times.

To unlock the keyboard, push the stand-by button quickly 3 times.

## PREPARATION FOR INSTALLATION

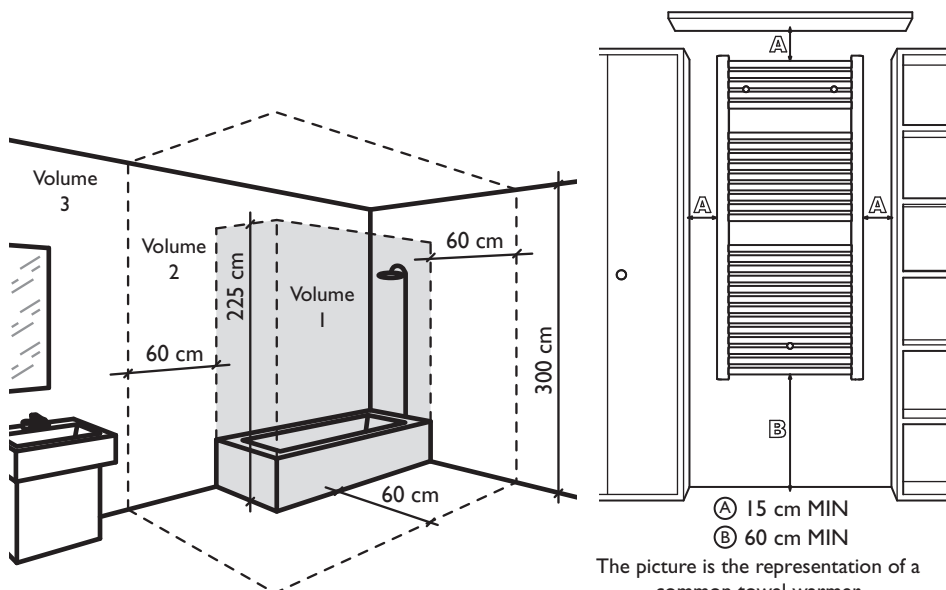
**Before connecting the heating appliance, disconnect the power supply using the general switch.**

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 (**IP44**).

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).



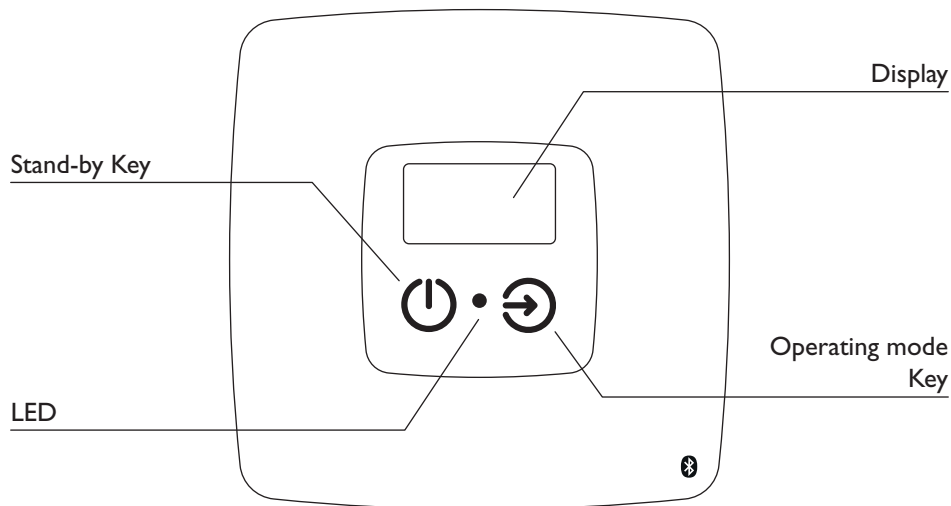
## POWER SUPPLY AND ELECTRICAL CONNECTIONS

- 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 three 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.
- **The pilot wire must be disconnected if not in use.**

Single-phase power supply 230 V~  $\pm 10\%$  50 Hz.

- Blue/gray wire: Neutral
- Brown wire: Live
- Black wire: Pilot Wire

## PRESENTATION





## OPERATION

### First use

To ensure correct installation the first time, proceed as follows:

### First start-up

On switching on, choose the operating mode to be used:

	SETPOINT MODE
	POWER MODE

Select the operating mode using the MODE key, and confirm using the STAND-BY key. Setting the time and date: select the value using the MODE key, and confirm using the STAND-BY key. Once this has been completed, the towel warmer goes into Stand-by operating mode.

## Operating modes

“Stone” makes it possible to control the Towel Rail in two different operating modes:

- Set-point operating mode (SETPOINT MODE)
- Power operating mode (POWER MODE)

To change operating mode, proceed as follows:

- From the Stone: by resetting the procedure
- From the App: the “device information” sub-menu provides the possibility of changing operating mode.

The App for using the product is available from APP STORE and GOOGLE PLAY, and is named **ELECTRIC+** (Deltacolor).

### Set-point operating mode (SETPOINT MODE)

When SETPOINT MODE is enabled, the towel rail controls the ambient temperature required, as set by the user. The user can select operating modes with which the set-point values are associated (e.g. 21°C is associated with Comfort). The operating modes enabled for the SETPOINT MODE are listed below:






	Operating mode	Description	Default value
	BOOST	Operating mode for the radiator that provides for staying on continuously for 2 hours at full power.	The 2 hour period can be set using the App.
	COMFORT	Constant temperature regulation	21°C (can be edited using App)
	ECO	Constant temperature regulation	17.5°C (can be edited using App)
	ANTIFREEZE	Constant temperature regulation	7°C (can be edited using App)
	SCHEDULE	Daily programming	Default program
	MANUAL	Constant temperature regulation	This can only be used with the App, and the value can be set using the App.
-	DATE & TIME	Date and time setting	-
-	STANDBY	Mode in which the radiator is not on	-
-	BLUETOOTH	For connection to the App	-



## Power operating mode (POWER MODE)

When POWER MODE is enabled, the towel rail is controlled according to the power levels that range from 1 (minimum power) to 10 (maximum power), and are set by the user. The user can set the operating modes, with which the power levels indicated in the table below are associated:

	Operating mode	Description	Default value
-	BOOST	Power level 10	The 2 hour period can be set using the App.
	HIGH	Constant high power	Power level 9 (editable using the App)
	MEDIUM	Constant medium power	Power level 5 (editable using the App)
	LOW	Constant low power	Power level 2 (editable using the App)
-	SCHEDULE	Daily programming	Default program
-	MANUAL	Constant temperature regulation	This can only be used with the App, and the value can be set using the App.
-	DATE & TIME	Date and time setting	-
-	STANDBY	Mode in which the radiator is not on	-
-	BLUETOOTH	For connection to the App	-

### LED status

LED	SETPOINT MODE	POWER MODE
Red	23-30°C	7-10
Orange	19.5-22.5 °C	3-6
Green	15-19°C	1-2

## Connection with smart device via smart Bluetooth

Download the "ELECTRIC+" App, open it and register (if necessary) or enter as a guest. This App includes a guided installation menu and provides instructions for putting the Stone in pairing mode (search for Smart device that can accept the connection via low energy Blue-tooth). Access the BLUETOOTH menu and follow the indications provided by the App.

## Control via the pilot wire (only for class II cable version)

Pilot wire control can only be enabled in SET-POINT control mode, and can only be used for a Class II model. To enable the Pilot Wire control mode, make sure you have connected the black wire, which relates to the Pilot Wire signal, to the relevant control unit correctly. Select the Comfort operating mode, and the Stone control will automatically enable reading of the Pilot Wire. If it is recognised correctly, the AUTO icon will switch on at the top right of the display, and the control will go to Lock automatically.

## Diagnostics

If the system malfunctions, Stone informs the user via a message on the display and the LED switching on, on the front panel.

Message	Description	What to do
Err 1	Load error.	Switch the radiator off, and allow it to cool down. Try to switch the radiator on again. If the error is no longer indicated, the protective thermostat has been activated and the towel rail resets itself. If the body of the towel rail is cold and the error is indicated again, replace the towel rail's heating element.
Err 2	Temperature sensor	Internal temperature sensor faulty, replace the sensor.
Err 3	Memory error	Data saving error: the weekly program may not be working properly. Replace the control device.

- **The thermostat stops working:** first of all, make sure the power supply is on, and that the radiator is powered correctly. If this is not the problem, contact our technical service department.
- **The radiator does not get hot:** check that the radiator is powered correctly, that stand-by mode is not set, and that the room has not reached the set-point temperature set on the thermostat. If the problem persists, contact our technical service department.
- **The power supply to the radiator fails:** when the power supply is reinstated, provided the black-out was for less than 6 hours, the radiator automatically recognises the connection to the thermostat, with which it was associated before. If the black-out is longer, reset the date, time, and program required.

## Procedure for locking and unlocking the keyboard

To lock the keyboard, push the stand-by button quickly 3 times.

To unlock the keyboard, push the stand-by button quickly 3 times.

## Reset procedure

Go to the Date&Time menu and scroll the year item until the reset request disappears.

## Pulizia prodotto

To clean the thermostat, use a dry cloth. Do not clean using aggressive products. Do not wet the product, in an attempt to clean it. Do not immerse the product in water.

# INSTALLATION

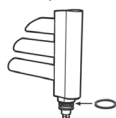


**The thermostat must be installed by qualified personnel.**

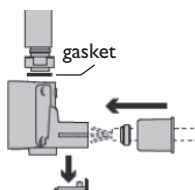


## Class I installation

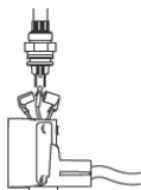
1. Switch off the mains. Check the O-Ring on the nipple of the electric heating element is correctly inserted in the groove and it has no defects and damages (otherwise replace it).



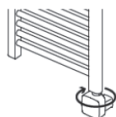
2. Insert the cable in the cable gland. Connect the wires to the connector. Close the cable gland.



3. Connect the cables to the electric coil.



4. Screw the thermostat to the coil, until it is tight.

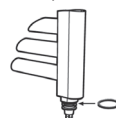


5. Fix the thermostat using the nut on the back, tightening it with a 1,5 mm Allen key (not included).

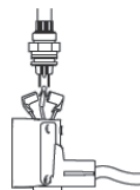


## Class II installation

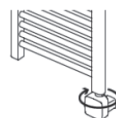
1. Switch off the mains. Check the O-Ring on the nipple of the electric heating element is correctly inserted in the groove and it has no defects and damages (otherwise replace it).



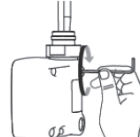
2. Connect the cables to the electric coil. Connect the pilot wire (if included).



3. Screw the thermostat to the coil, until it is tight.



4. Fix the thermostat using the nut on the back, tightening it with a 1,5 mm Allen key (not included).



# HOW TO UNINSTALL



**Qualified technicians only.**



1. Switch off the mains.
2. Disconnect the thermostat supply cord from the socket or connector block (be careful not to leave the power supply leads uncovered).
3. Loosen the hex screw on the back of the thermostat.
4. Remove the thermostat from the heating element connection and disconnect the electric wiring.

**WARNING** - *After the thermostat has been uninstalled it cannot be reused. Replace with a new one.*


## TECHNICAL SPECIFICATIONS

Maximum power output.	1500 W
Working temperature	0-50°C
Storage temperature	-20 ÷ +70°C
Working humidity	0-80% without condensation
IP protection level	IP44
Insulation class	Class I - Class II (only when assembled with the radiator body)
Material	ABS Bayblend
Dimensions	63×63×56 mm
Weight	170 g

Manufacturer: DELTACALOR s.r.l.

Instruction manual available from:

<http://www.lfantoni.com/d/DOC.IS.003676.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.



