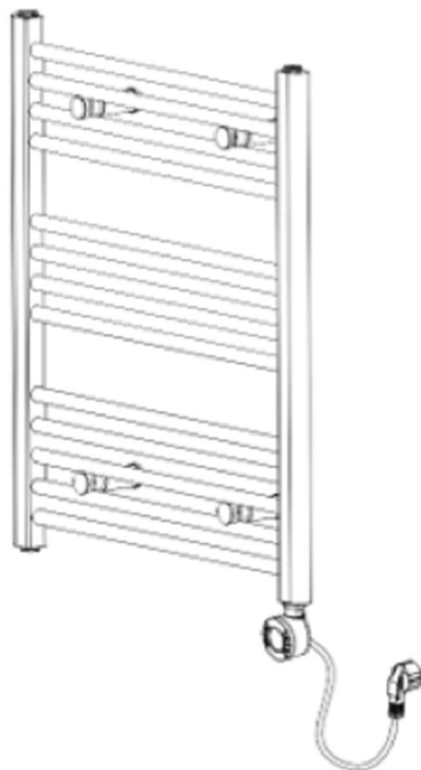


FLAME EL

INSTRUCTION MANUAL
(English language)



Read this manual carefully before using
the appliance and keep it for future
reference.

Product manufactured and imported by:

IPERCERAMICA S.p.A.

Via Pedemontana, 13

41042 Fiorano Modenese (MO) – Italy

www.iperceramica.it

Made in China

SAFETY INSTRUCTIONS

This manual is an integral part of your appliance and must be read carefully, as it provides important safety information and warnings on its use and maintenance. Please keep this manual in a safe place.

If in doubt, do not improvise — contact our customer service centre.

After removing the packaging, check the integrity of the appliance. If in doubt, do not use it and contact our customer service centre.

Do not leave packaging materials (plastic bags, expanded polystyrene, nails, etc.) within reach of children or persons with reduced mental capacity, as they are potential sources of danger.

Before connecting the plug to the socket, check that the operating voltage indicated on the appliance label matches that of your home.

If in doubt, contact professionally qualified personnel.

Connect the product only to a socket with an earth connection. The electrical safety of this appliance is guaranteed only if it is correctly connected to an effective earthing system in compliance with existing electrical safety standards. Operation must include an additional residual current device with a tripping current not exceeding 30 mA.

IPERCERAMICA cannot be held responsible for any damage caused by the absence of an earthing system.

An incorrect electrical connection can be extremely dangerous, may cause irreversible damage and, in any case, will void the warranty.

The use of adapters, multi-socket extensions and extension leads is not recommended. If necessary, use only approved devices complying with current safety regulations, ensuring they are compatible with the power rating of the appliance.

Always disconnect the appliance from the socket before cleaning it.

The appliance is intended exclusively for domestic use.

The appliance may only be used after reading and understanding all the instructions and safety requirements contained in this manual.

The appliance may be used by children aged 8 and over and/or by persons with reduced physical, sensory or mental capabilities, only if they have been properly instructed in the safe use of the appliance and are under the direct supervision of a responsible adult.

This appliance is not a toy and must never be played with.

Cleaning and maintenance operations must never be carried out by minors and/or persons with reduced physical, sensory or mental capabilities.

Keep the appliance and the power cord out of reach of minors and/or persons with reduced physical, sensory or mental capabilities, especially when connected to the power supply (or while cooling down).

Do not use the appliance if it has been dropped or shows signs of damage or defects

that affect its operation.

In the event of a fault and/or malfunction of the appliance, switch it off and do not tamper with it; do not disassemble the appliance for any reason; for any repairs, contact an authorised service centre.

If in doubt and to avoid danger, have the appliance inspected by an authorised service centre.

If the power cord is damaged, do not use the appliance; the cord must never be replaced by the user. If necessary, contact an authorised service centre.

For safety reasons, take care to:

- - not use the appliance barefoot or with wet hands or feet
- - not use the appliance outside the domestic environment
- - not leave the appliance exposed to weather conditions (sun, rain, etc.)
- - never pull the power cord or the appliance itself to disconnect the plug from the socket
- - never immerse the appliance in water or other liquids.

If the mains voltage fails during use of the product, switch off the appliance and disconnect the plug from the socket to prevent the appliance from restarting unattended when power is restored.

This appliance complies with applicable European safety standards currently in force.

Any installation not in accordance with the specifications may compromise your safety and will void the warranty.

This appliance is intended solely for domestic use and NOT for similar applications such as:

- kitchen areas for staff in shops, offices and other work environments;
- farm holidays;
- by guests in hotels, motels and other residential environments;
- bed and breakfast environments.

At the end of its life cycle, render the appliance inoperable by cutting the power cord after disconnecting the plug from the socket. For disposal, comply with the regulations in force in your place of residence.

In the event of commercial, inappropriate, illegal or unreasonable use, or failure to comply with the requirements and instructions, IPERCERAMICA declines all liability and the warranty is void.

IPERCERAMICA cannot be held responsible for any damage to persons, animals or property caused by incorrect installation or resulting from improper, incorrect or unreasonable use.

The surface of the appliance may be very hot; take particular care if wearing delicate garments (e.g. polyamide, etc.). Ensure that laundry does not discolour before placing it on the towel warmer.

This heating device is filled with a precise quantity of heat transfer fluid that is hazardous to health if ingested.

Repairs requiring the opening of the tank must be carried out by the manufacturer or by qualified personnel; contact the service centre.

In the event of a leak, contact the service centre and take all preventive measures to avoid possible ingestion of the fluid by users, particularly young children and vulnerable persons.

This device is designed exclusively for drying textile material washed with water.

INSTALLATION INSTRUCTIONS

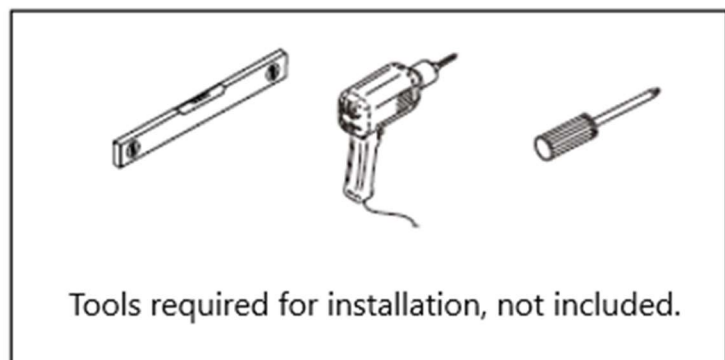
Electric heated towel rail – FLAME

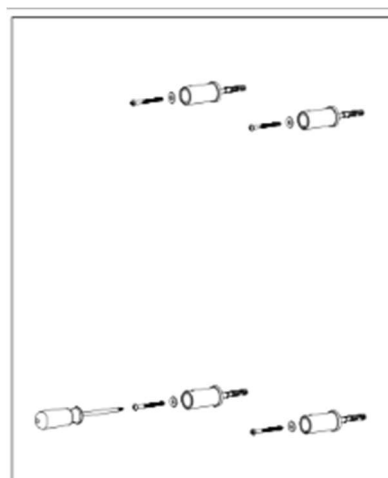
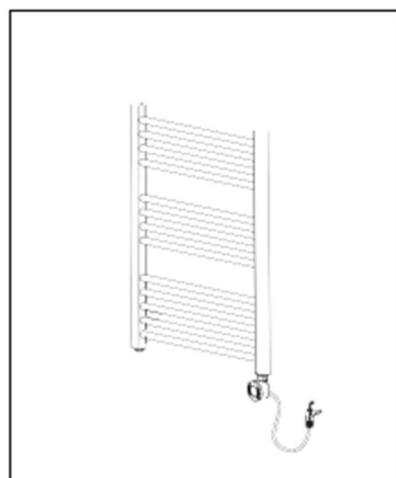
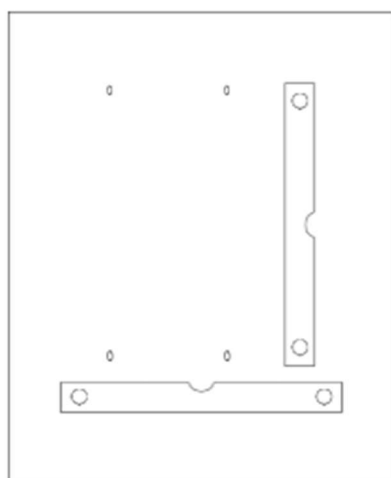
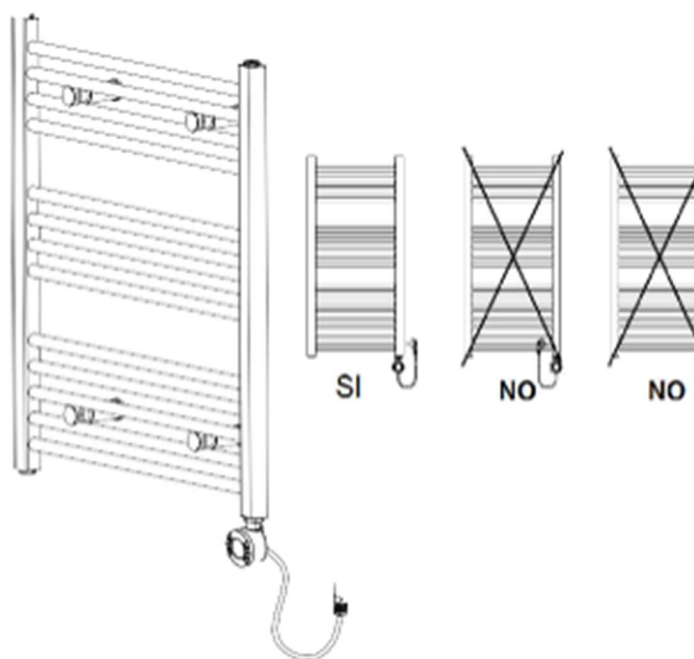
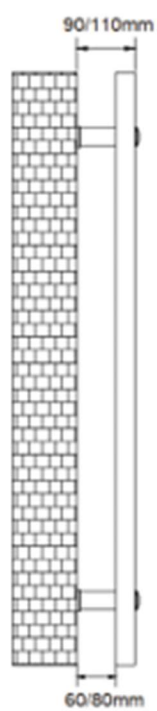
Please read the manual carefully before installation.

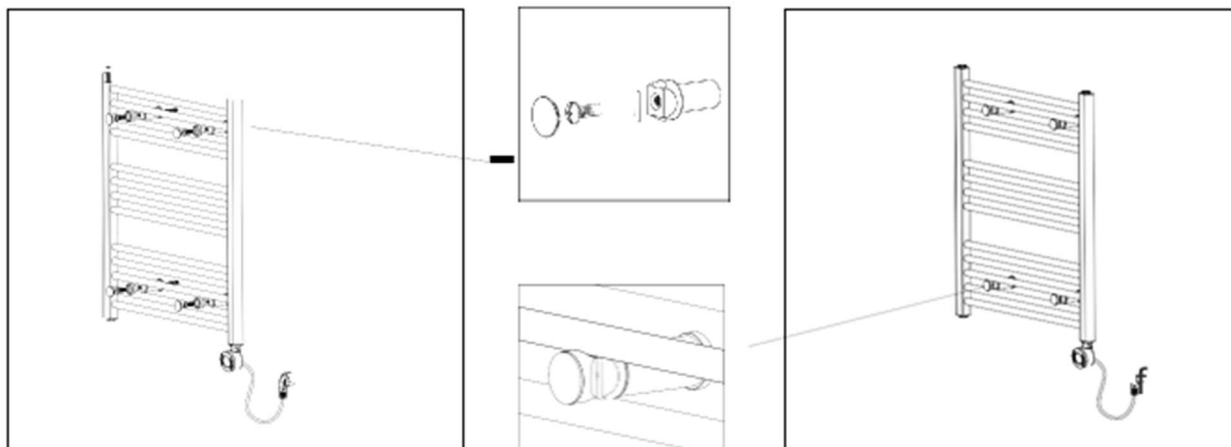
Installation must be carried out by qualified personnel, following safety regulations.

Before proceeding with installation, check the surface on which the towel rail is to be installed and use appropriate screws and wall anchors suitable for the surface (not included in the packaging).

Dispose of the packaging appropriately.





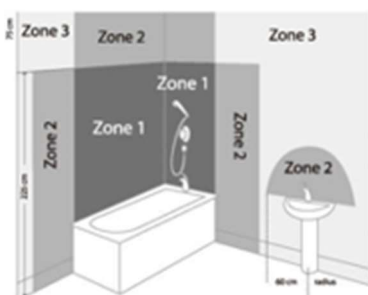


WARNINGS:

1. Do not install in environments with direct steam or the presence of acids;
2. Do not install outdoors.
3. Do not install on the ceiling.
4. Do not use to dry laundry.

Keep the original packaging until the towel rail is fully installed; after installation, dispose of the packaging appropriately.

Positioning in bathrooms. National regulations on the installation of electrical equipment in bathrooms must be strictly observed (in Italy, CEI 64-8). Electric radiators must always be installed outside zones 1 and 2. The power socket, switch and control devices must be positioned in zone 3, so that no electrical control device is accessible to a person using the shower or bathtub.



Position the towel warmer so that the minimum distance of the thermostat from the floor is 250 mm, and so that no obstacle is located within a minimum distance of 100 mm from the appliance.

CLEANING AND MAINTENANCE

- Dust regularly with a damp cloth, avoiding abrasive or acidic products that could damage the surface.
- For a more thorough cleaning, it is advisable to clean the towel rail at the end of summer, before the start of the winter season, using water and neutral detergents. Dry the towel rail before use.

CORRECT USE

- Avoid overloading the towel rail with too many towels, as this may hinder the diffusion of heat.
- Do not completely cover the towel rail.
- Keep out of reach of children.

By following these simple guidelines, you can ensure correct operation and a long service life of the towel rail, keeping the bathroom warm and welcoming.

WARRANTY

The product is covered by a five-year warranty against manufacturing defects.

CUSTOMER SERVICE: www.iperceramica.it

OPERATING INSTRUCTIONS FOR THE DIGITAL THERMOSTAT

LCD Display Description

1. Basic Descriptions

1.1. Power supply:












- 220-240V 50-60Hz 500W IP24 for models 80375-80376-80377-80378
- 220-240V 50-60Hz 750W IP24 for models 80379-80380-80381-80382

- 1.2. Operating temperature range: 0 – 55°C
- 1.3. Temperature setting range: 7-30°C
- 1.4. Clock: 24 hours
- 1.5. Days of the week: numbers 1 to 7
- 1.6. Programming: multi-segment configuration with increment or decrement at one-hour intervals
- 1.7. System modes: comfort, economy, frost protection, weekly programme, boost.


2. Display image








3. Icons

- 3.1. Comfort mode: The temperature can be set independently, with an adjustable range from 7 to 30°C. 
- 3.2. Economy mode: the temperature can be set independently, fixed at 7~30°C, but the maximum temperature must not exceed that of comfort mode. 
- 3.3.  **Frost protection mode: the temperature is set to 7°C.**
- 3.4.  Timer mode with weekly function.
- 3.5.  **Boost mode: forced timed heating function; the time can be adjusted freely.**
- 3.6.  Time and temperature display.
- 3.7.  **Open window detection.**
- 3.8.  Heating status.
- 3.9.  Child lock function: no operation possible on any key (except the ON/OFF button).
- 3.10.  Timeline: time adjustment with a setting range from 0 to 23 hours.
- 3.11.  **Button description: 'on/off' button, 'menu' button, 'up' button, 'down' button.**


4. Operating mode description

- 4.1.  **ON/OFF:** press briefly to switch from off to on. In the off state, briefly pressing any other button will not activate the thermostat. The display shows what is illustrated in the following figure:



- 4.2.  **Comfort mode:** the default temperature is 19°C; briefly press the ▲ or ▼ buttons to adjust the temperature range from 7 to 30°C. Each brief press corresponds to 1°C. A long press can accelerate the increase or decrease in temperature. The display shows what is illustrated in the following figure:    



- 4.3.  **Economy mode:** the default temperature is 15°C; briefly press the ▲ or ▼ buttons to adjust the temperature range from 7 to 30°C. The maximum temperature must not exceed the comfort temperature. A long press can accelerate the increase or decrease in temperature. The display shows what is illustrated in



In economy mode, briefly pressing the button will switch to frost protection mode.

- 4.4.  **Frost protection mode:** the temperature is fixed at 7°C. The display shows what is illustrated in the following figure:

MENU



In frost protection mode, briefly pressing the button will switch to weekly timer mode.

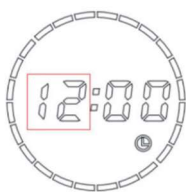


4.5.  **Weekly timer mode: setting time, day of the week**

and weekly programme. When using the device for the first time (or after switching off and restarting), first set the time and day of the week. The display shows what is illustrated in the following figure:



4.5.1. Time setting: Press for 3 seconds to enter the time setting mode. First, set the hours by briefly pressing (1-hour increment per press) or adjusting within the range of 0 to 23 hours. A 1-second long press accelerates the increase or decrease. The display shows what is illustrated in the following figure:



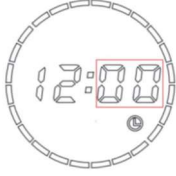
If no operation is performed within 30 seconds, the hour setting mode is exited and the minute setting mode is entered.

4.5.2. After setting the hours, briefly press the button. The minutes position "00" will start flashing (every 0.5 seconds). Briefly press ▲ or ▼ to adjust the minutes, with an

adjustment range of 0 to 59 minutes.



A brief press corresponds to 1 minute. Pressing the ▲ or ▼ buttons for 1 second accelerates the increase or decrease. The display shows what is illustrated in the following figure:



After setting the time, briefly press the button to access the day of the week setting. If no operation is performed within 30 seconds, the minute setting mode is exited and the day of the week setting mode is entered.

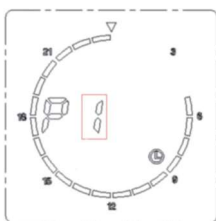
MENU

4.5.3. Day of the week setting: After entering the setting mode, the last number flashes (every 0.5 seconds). Briefly press ▲ or ▼ to adjust the day of the week, with a range from 1 to 7. Each brief press corresponds to one day. A 1-second long press accelerates the increase or decrease.



1 = Monday, 2 = Tuesday, 3 = Wednesday, 4 = Thursday, 5 = Friday, 6 = Saturday, 7 = Sunday.

The display shows what is illustrated in the following figure:



After setting the day of the week, briefly press the confirm button to access the weekly programme.

MENU

No operation for 30 seconds will exit the day setting mode and enter the weekly programme.

4.5.4. Weekly programme

Briefly press to view the settings for other days of the week. The timeline indicator (⦿) indicates that the current time is in comfort mode, while the indicator (⦿) indicates economy mode. ⚙️🌙

The figure below shows the default settings from Monday to Sunday:

Monday – Sunday: comfort mode from 5:00 to 23:59, economy mode at other times. The display shows what is illustrated in the following figure:



Briefly press after setting the Monday programme to move to the Tuesday settings, and so on until Sunday. MENU

Briefly press after completing the weekly setting to enter the operating state. No operation for 30 seconds will exit the weekly programme and enter the operating state. MENU

4.5.5. Modifying the weekly programme

In the weekly programme screen, hold down for 3 seconds to enter the current programme editing mode. MENU

Briefly press ▲ or ▼ to adjust the weekly programme. ▲ ▼




A brief press of ▲ sets comfort mode for that time period. The ■ symbol ▲ lights up for 3 seconds and turns off for 1 second.

A brief press of ▼ sets economy mode for that time period. The ■ symbol ▼ turns off for 3 seconds and lights up for 1 second.

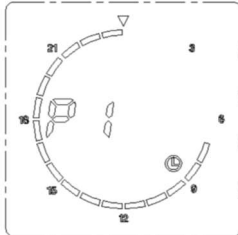
Each brief press represents 1 hour.

The corresponding time period flashes and can increase up to 23 hours.

Example: to change the Monday programme from 07:00 to 23:00 to comfort mode (and the rest to economy mode), hold down for 3 seconds when the Monday programme is displayed, press ▲ from 07:00 to 23:00 to set comfort mode, and press ▼ for other times


to   


set economy mode. The display shows what is illustrated in the following figure:



After modification, press the button to exit the setting. No operation for 30 seconds will automatically exit the current weekly programme editing.

4.5.6. Operating status: in operating mode, the display will show the previously configured settings.

When the current time is in comfort mode, the  indicator will be on for 3 seconds and off for 1 second.

In economy mode, the  indicator will be off for 3 seconds and on for 1 second.

If the device is heating, the heating icon will light up.

Example: if the current time is 05:08, the display will show: the icon indicated by the red arrow will be on,

during the period indicated by the green arrow, the indicator will be on for 3 seconds and off for 1 second. The display shows what is illustrated in the following figure:



4.6 **Child lock:** press the ▲ and ▼ buttons simultaneously for 3 seconds to activate the child



lock.

In child lock mode, no operation is allowed (except the ON/OFF switch). Press ▲ and ▼ again for 3 seconds to deactivate the child lock. The display shows what is illustrated in the following figure:



5. **Internal parameters setting:** with the device off, hold down the button for 10 seconds to access the internal parameters setting.



Briefly press the button to switch between settings.

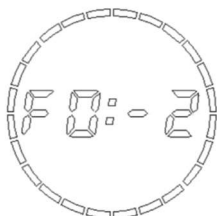
MENU

The settings include temperature compensation (F0) and open window detection (F1).

5.1. **Temperature compensation setting (F0):** the default value is -2°C.

Briefly press ▲ or ▼ to adjust the compensated temperature within a range of +5°C to -5°C. ▲ ▼

Each brief press corresponds to 1°C. The display shows what is illustrated in the following figure:

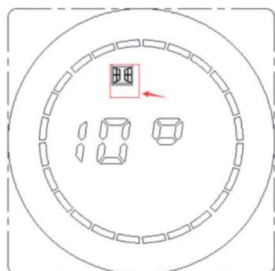


5.2. **Open window detection setting (F1):** briefly press ▲ or ▼ to set the ▲ ▼ open window detection time, with three available options: "0", "60", "90".

For example, if the user sets the time to 60, the screen will appear as shown in the figure below:



5.2.1. Open window detection description: in heating mode, when the ambient temperature suddenly drops by 5°C within 5 minutes, the device enters open window mode. The screen will appear as shown in the following figure:




5.2.2. The device automatically sets a fixed temperature of 10°C, and after heating stops for 60 minutes, it returns to normal mode. If the temperature drops again by 5°C

within 5 minutes, the device re-enters the fixed temperature mode at 10°C and stops heating

for another 60 minutes, repeating this cycle. Setting the value to "0" means the function is disabled.





6. Reading the ambient temperature

With the device off, hold down the button for 3 seconds to read the ambient temperature. The display will show, for example, 21.6°C as illustrated in the following figure: 




7. Boost mode

This mode allows continuous heating from 1 to 8 hours (default value: 2 hours).

Briefly press the ▲ or ▼ buttons to adjust the heating time. Each brief press corresponds to 1 hour. A long press accelerates the increase or decrease in time. Once started,     a countdown begins (e.g. "2H" on the display). At the end, the device automatically returns to standby mode. The screen will appear as shown in the following figure:



8. Factory reset

With the device on (ON), the system will automatically initiate a factory reset after pressing the power button for 10 seconds. The entire screen will light up for 3 seconds; then, the device will enter off mode. Press the power button to restart. 



Factory default settings:

- Comfort mode temperature: 19°C
- Economy mode temperature: 15°C
- Displayed time: "12:00"
- Day of the week: "1"
- Temperature compensation: "-2"
- Open window time: "0"
- Weekly programme: reset to default values

Error code description

Description	Displayed message
Open circuit temperature sensor	displays Er
Short-circuited temperature sensor	displays Er

Technical characteristics measured and calculated in accordance with Regulation (EU) 2024/1103

Thermal output

Rated thermal output P nom 0.500 kW

Minimum thermal output (indicative) P min 0.500 kW

Maximum continuous thermal output P max,c 0.500 kW

Energy consumption

In off mode P_o 0.00 W

In standby mode P_{sm} 0.16 W

In idle mode P_{idle} 0.16 W

In networked standby mode P_{nsm} 0.00 W

Standby mode with display of information or status: YES

Seasonal energy efficiency of space heating in active mode $\eta_{s,on}$ 92%

Type of thermal output / ambient temperature control

Single-phase thermal output without ambient temperature control: NO

Two or more manual phases without ambient temperature control: NO

Ambient temperature control via mechanical thermostat: NO

Electronic ambient temperature control: NO

Electronic ambient temperature control and daily timer: NO / Electronic ambient temperature control and weekly timer: YES

Other control options

Ambient temperature control with presence detection: NO / Ambient temperature control with open window detection: YES

Remote control option: NO

Adaptive start control: NO / Operating time limitation: NO

Black globe thermometer: NO

Self-learning functionality: NO

Accuracy of the control device: NO

INFORMAZIONE AGLI UTILIZZATORI DI APPARECCHIATURE DOMESTICHE



Ai sensi dell'art. 26 del Decreto Legislativo 14 marzo 2014, n. 49 "Attuazione della Direttiva 2012/19/UE sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE)"

Il simbolo del cassonetto barrato, riportato sull'apparecchiatura o sulla sua confezione, indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti per permetterne un adeguato trattamento e riciclo. L'utilizzatore dovrà pertanto conferire gratuitamente l'apparecchiatura, giunta a fine vita, agli idonei centri comunali di raccolta differenziata dei rifiuti elettrici ed elettronici oppure riconsegnarla al rivenditore secondo le seguenti modalità:

- per apparecchiature di piccolissime dimensioni, ovvero con almeno un lato esterno non superiore a 25 cm, è prevista la consegna gratuita senza obbligo di acquisto presso i negozi con una superficie di vendita delle apparecchiature elettriche ed elettroniche superiore ai 400 mq. Per negozi con dimensioni inferiori, tale modalità è facoltativa.
- per apparecchiature con dimensioni superiori a 25 cm, è prevista la consegna in tutti i punti di vendita in modalità 1contro1, ovvero la consegna al rivenditore potrà avvenire solo all'atto dell'acquisto di un nuovo prodotto equivalente, in ragione di uno a uno.

L'adeguata raccolta differenziata per l'avvio successivo dell'apparecchiatura dismessa al riciclo, al trattamento e allo smaltimento ambientalmente compatibile contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il riutilizzo, riciclo e/o recupero dei materiali di cui è composta l'apparecchiatura.

Lo smaltimento abusivo del prodotto da parte dell'utente comporta l'applicazione delle sanzioni di cui alla corrente normativa di legge.