

# ELNUR

powered by Gabarron

## Sustainable Electric Heating For Tomorrow's World



# Innovative Electric Heating for a Warmer, Greener Tomorrow

With the global drive toward Carbon Reduction and the achievement of Net Zero Carbon Emissions there has never been a better time to consider Electric Heating. Electric Heating has the advantages of not producing any noxious gases at point of use and the ability to utilise green energy produced by The National Grid. As more electricity is produced by renewable technologies, such as wind and solar, less carbon is produced in the generation. A great step forward to the goal of net zero.

Electric Storage Heating gives the added advantage of being able to use cheaper "Off-Peak" energy. This can cost as little as a third of standard rate electricity and is offered at times when there is less demand on the grid and therefore a surplus of electricity. Traditionally 7 hours is offered overnight between midnight and seven am, although this can vary. This is more than sufficient to charge up Electric Storage Heating to ensure there is enough heat throughout the day. This gives the benefit of cheaper electricity, but it also helps to reduce carbon emissions and to balance the grid, which is becoming more important with the increased use of renewable technologies and nuclear power.

Our latest innovation, HHR-PLUS, takes Electric Heating another step forward. This Wi-Fi & Solar compatible High Heat Retention Storage Heater is able to harness free solar power from Photo Voltaic panels and to utilise the cheaper "Off-Peak" energy. Patented technology enables it to determine how much Solar generation is diverted to heating and the heaters then automatically top up with the necessary "Off-Peak" energy to ensure optimum efficiency.

This is our most advanced and economical form of Electric Storage Heating.

Truly electric heating for tomorrow's world.

If you have any queries, please email us at [info@elnur.co.uk](mailto:info@elnur.co.uk) or call us on **01942 670 119**.

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# STORAGE HEATERS

Elnur UK's storage heaters are designed to provide efficient and cost-effective heating solutions by capitalising on off-peak electricity tariffs. These innovative heaters store thermal energy during off-peak hours, when electricity is cheaper, and gradually release it throughout the day, ensuring a consistent and comfortable warmth in your home or office.

Our storage heaters come equipped with advanced features such as programmable thermostats, intelligent charge controls, and high-quality insulation, allowing for precise temperature management and optimised energy usage. The sleek, modern design ensures they seamlessly blend into any interior, while their robust construction guarantees durability and reliability.

Ideal for residential spaces, Elnur UK's storage heaters offer an eco-friendly alternative to traditional heating systems, reducing your carbon footprint while keeping your energy bills low. Experience the perfect balance of comfort, efficiency, and sustainability with our state-of-the-art storage heaters.





A white Elnur storage heater is positioned against a grey, textured wall. Above the heater, several small, square frames containing various green leaves are arranged. The heater has a horizontal vent at the bottom and a small control panel on the right side. A striped rug is visible in the bottom left corner.

# Sustainable Electric Heating

HHR-PLUS & HHR storage heaters use a combination of traditional electric convection heating and stored heating from the high-density blocks to provide efficient, programmable heating with the added benefit of their fan to deliver heat in to a room more efficiently.

The HHR models offer a choice between the HHR-PLUS Wi-Fi SOLAR compatible models or the HHR storage heaters. Both come with energy saving features and are designed to be environmentally friendly and cost effective.

Elnur's HHR-PLUS and HHR control the energy consumption and optimise heat management with their integral smart system technology which measures and evaluates heat loss and usage every day.

All the Elnur High Heat Retention storage heaters use low cost, off-peak energy, charging at night when tariffs are cheaper and retaining the warmth to be released later, storing energy efficiently so heat can be available only when it is needed.

PROSSH Smart storage heaters use a combination of traditional electric convection heating and stored heating from the high density blocks which are charged at night using low cost electricity tariffs. These storage heaters circulate the stored heat providing warmth throughout the room.

PROSSH come in a full range of sizes to suit all rooms from small to a large spaces. They can be controlled by Wi-Fi using the Gabarron G-Control system which is compatible with all SSHPRO models.

Located on the top of the heaters is an LCD display giving easy access to all the heater's functions, programme settings and options. The digital controls on the heater itself are simple to use or you can use the optional Wi-Fi access from a remote device by linking the G-Control system to a home router.





# HHR-PLUS Wi-Fi & Solar Storage Heaters

Our most efficient range of storage heaters.

This Elnur High Heat Retention storage heater with Wi-Fi control also allows the use of energy from solar panels and other renewable sources, Wind, Geothermal, Ocean etc. to reduce heating costs using free energy from renewable energy sources. When there's not enough renewable energy production, it uses cheaper off-peak power to charge and provide heating.

## Solar Manager Technology

The latest of our innovations, developed and patented by us here at Elnur. Solar Manager technology is capable of detecting any surplus solar energy\* that may not be fully used in the home. This electric energy can be redirected to the thermal storage unit to heat rooms even when renewable energy production has stopped.

This technology can manage the output of several storage heaters and distribute the energy available according to the established heating needs. The user can give priority to each appliance, ensuring the efficient distribution of available power to maximise indoor comfort at the lowest cost.





## SOLAR HEATING

# Utilisation of surplus from photovoltaic or other renewable sources

Elnur's SOLAR High Heat Retention model is the first storage heater on the market that can utilise a household's solar or other renewable generation, and converts the renewable energy into stored heat for delivery gradually into the room as required, providing the household with free heating.

If the surplus production is insufficient to provide the heating desired, Elnur's SOLAR High Heat Retention HHR-PLUS can function as a conventional High Heat Retention storage heater by completing the charge during off-peak hours.



\*Compatible with any grid connected renewable





## Wi-Fi Control and solar storage heating using clean & sustainable energy.

Designed to suit any household suitable for renewables, our High Heat Retention HHR-PLUS Wi-Fi storage heaters can be configured to use the energy from solar panels, off-peak electricity tariff or a combination of both.

### SOLAR HHR heating system to reduce operating costs.

Even without an abundance of sunshine, solar energy is still produced. We are now having colder winters and standard energy costs are increasing.

With our SOLAR High Heat Retention storage heaters, you can easily set the heater in the combined operating mode. The storage heater will utilise all the solar energy surplus produced and, if necessary, complete the appliance charge using the most economic off-peak tariffs to provide heating throughout the day and night as required. This mode ensures the use of all the solar energy available and completes the storage heater charge to obtain maximum output and constant comfort.

Do you have an existing heating system but want to dramatically reduce operating costs?

Elnur's HHR-PLUS Wi-Fi & Solar High Heat Retention storage heaters can be programmed to only consume free energy, using surplus solar power\* that would otherwise be fed to the grid. Once converted into stored heat, it's delivered to the room through the Elnur SOLAR High Heat Retention storage heater automatically adjusting to ensure maximum comfort every day. This renewable only operating mode is ideal for reducing running costs.

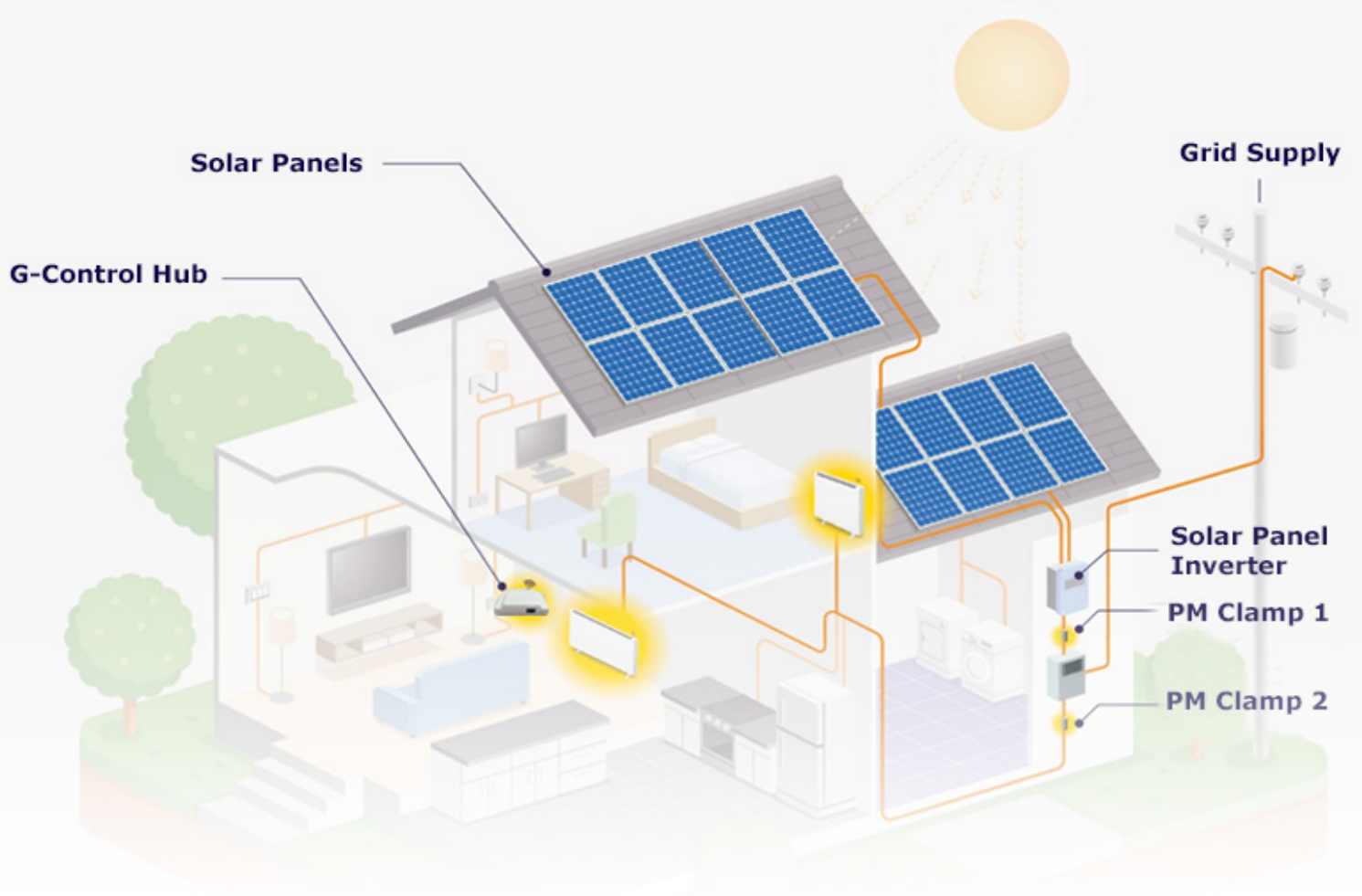
\* Compatible with any grid connected renewable

### Integral Management with Wi-Fi

The integral management of heating and the distribution and use of the solar production, as well as the control of the SOLAR High Heat Retention storage heaters, is possible through the G-Control system via the free Elnur Wi-Fi control app.

- 1** Displays the distribution of the surplus for heating on a daily, monthly or annual basis.
- 2** Establishes the heating priorities for each room.
- 3** Selects the operating mode best suited to the comfort desired.
- 4** Chooses and defines the set point temperature on each of the appliances.





The smart way to make use of your investment in solar panels.

Reduce the rising cost of heating your home with Elnur HHR Wi-Fi & Solar Storage Heaters

**Only one Solar Box needed for an entire installation up to 30 heaters**

The Solar Box accessory is a solar kit for the integral control and management of Elnur SOLAR High Heat Retention storage heaters through the G-Control System.

The Solar Box accessory contains the G-Control Wi-Fi Hub and the power meters required for the connection of the storage heaters.

Compatible with all inverters on the market.

# HHR-PLUS Wi-Fi High Heat Retention Storage Heaters

Highly efficient High Heat Retention storage heaters with Wi-Fi control using the G-Control System (via Wi-Fi).



- ✓ Wi-Fi Control
- ✓ Daily and weekly programming
- ✓ 12 year warranty\*
- ✓ Solar, Wind Geo-Thermal Compatible
- ✓ Single or Dual supply options
- ✓ Low running cost



G-Control Hub



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+ Charges the store overnight using renewable input or low cost off-peak electricity.

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+ Elnurs' exclusive "IEM" (Integral Energy Manager) automatically adjusts charging to suit climate and demand on a daily basis.

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+ The Elnur "IEM" also manages the discharge to ensure that heat is available when needed.

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+ Fan assisted heat distribution to provide faster room warm-up times.

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+ Built-in on-peak emitter to provide temperature balance and supplement the stored heat as and when required.

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+ Temperature accuracy to within 0.1°C, resulting in less energy wasted from temperature setting overshoot, than any other storage heater.

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+ Fully compliant with "SAP" specification criteria for "high heat retention storage heater".

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+ Perfect electric heating product for House Builders, Developers, Social Housing Providers, Private Landlords and Homeowners.

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+ The Ecombi HHR is the highest scoring product category for use within the Energy Company Obligation Scheme.

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+ Internet controllable option. The G-Control System has been incorporated in the IEM electronics to allow wireless control and operation of the storage heater from anywhere and at any time via an internet connection

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## Technical features

- High heat retention Wi-Fi storage heater.
- Wi-Fi Control with G-control accessory & free App.
- Solar input compatible with Solar Box control.
- Daily and weekly programming.
- Three levels of temperature: Comfort, Economy and Frost-protection.
- IEM technology, the intelligent way to manage the charge and the discharge.
- High quality insulation materials with low thermal conductivity.
- Double high heat retention materials in all sides of the storage heater.
- Temperature sensor with calibration option.
- Overheating protection on storage heating function.
- Safety thermostat with manual reset.
- Class I insulation.
- Storage heating elements made of stainless steel.
- Front, side and rear air isolating chambers.
- Storage core made of a specially designed material for Ecombi HHR.
- Steel structure powder coated in epoxy RAL 9010.
- Robust thermoplastic fittings.
- Easy to install on any kind of wall.
- Very intuitive keyboard with lock option.
- Compatible with two-period off-peak electric tariff in a single 24-hour interval.



| Model                          | ECOHR10 PLUS | ECOHR20 PLUS | ECOHR30 PLUS | ECOHR40 PLUS |
|--------------------------------|--------------|--------------|--------------|--------------|
| Balancing element output** (W) | 270          | 550          | 820          | 1100         |
| Storage heater input** (W)     | 871          | 1740         | 2610         | 3480         |
| Charge period                  | 7h           | 7h           | 7h           | 7h           |
| Charging (7h) (kWh)            | 6.1          | 12.2         | 18.3         | 24.4         |
| Connection                     | 240 V-       | 240 V-       | 240 V-       | 240 V-       |
| Frequency (Hz)                 | 50-60        | 50-60        | 50-60        | 50-60        |
| Length (cm)                    | 49           | 72           | 95           | 117          |
| Height (cm)                    | 73           | 73           | 73           | 73           |
| Depth (cm)                     | 19.5         | 19.5         | 19.5         | 19.5         |
| Weight (kg)                    | 54           | 97           | 140          | 183          |
| No. of blocks 6kg              | 6            | 12           | 18           | 24           |

\*Full warranty terms and conditions available at [www.einhur.co.uk](http://www.einhur.co.uk)

\*\*Storage heater elements and balancing element will never operate at the same time

# HHR High Heat Retention Storage Heaters

Highly efficient High Heat Retention storage heaters.



- ✓ Maximum control
- ✓ Daily and weekly programming
- ✓ 12 year warranty\*
- ✓ Smart IEM Technology
- ✓ Low running cost
- ✓ Single or Dual supply options



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+ Charges the store overnight using low cost off-peak electricity.

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+ Elnurs exclusive "IEM" (Integral Energy Manager) automatically adjusts charging to suit climate and demand on a daily basis.

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+ The Elnur "IEM" also manages the discharge to ensure that heat is available when needed.

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+ Fan assisted heat distribution to provide faster room warm-up times.

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+ Built-in on-peak emitter to provide temperature balance and supplement the stored heat as and when required.

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+ Temperature accuracy to within 0.1°C, resulting in less energy wasted from temperature setting overshoot, than any other storage heater.

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+ Fully compliant with "SAP" specification criteria for "high heat retention storage heater".

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+ Perfect electric heating product for House Builders, Developers, Social Housing Providers, Private Landlords and Homeowners.

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+ The Ecombi HHR is the highest scoring product category for use within the Energy Company Obligation Scheme.

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## Technical features

- High heat retention storage heater.
- IEM technology, the intelligent way to manage the charge and the discharge.
- Daily and weekly programming.
- Three levels of temperature: Comfort, Economy and Frost-protection.
- Open window detection for reduced energy waste.
- High quality insulation materials with low thermal conductivity.
- Double high heat retention materials in all sides of the storage heater.
- Temperature sensor with calibration option.
- Overheating protection on storage heating function.
- Safety thermostat with manual reset.
- Class I insulation.
- Storage heating elements made of stainless steel.
- Front, side and rear air isolating chambers.
- Storage core made of a specially designed material for Ecombi HHR.
- Steel structure powder coated in epoxy RAL 9010.
- Robust thermoplastic fittings.
- Easy to install on any kind of wall.
- Very intuitive keyboard with lock option.
- Compatible with two-period off-peak electric tariff in a single 24-hour interval.



| Model                          | ECOHR10 | ECOHR20 | ECOHR30 | ECOHR40 |
|--------------------------------|---------|---------|---------|---------|
| Balancing element output** (W) | 270     | 550     | 820     | 1100    |
| Storage heater input** (W)     | 871     | 1740    | 2610    | 3480    |
| Charge period                  | 7h      | 7h      | 7h      | 7h      |
| Charging (7h) (kWh)            | 6.1     | 12.2    | 18.3    | 24.4    |
| Connection                     | 240 V-  | 240 V-  | 240 V-  | 240 V-  |
| Frequency (Hz)                 | 50-60   | 50-60   | 50-60   | 50-60   |
| Length (cm)                    | 49      | 72      | 95      | 117     |
| Height (cm)                    | 73      | 73      | 73      | 73      |
| Depth (cm)                     | 19.5    | 19.5    | 19.5    | 19.5    |
| Weight (kg)                    | 54      | 97      | 140     | 183     |
| No. of blocks 6kg              | 6       | 12      | 18      | 24      |

\*Full warranty terms and conditions available at [www.ehnr.co.uk](http://www.ehnr.co.uk)

\*\*Storage heater elements and balancing element will never operate at the same time



# PROSSH Smart Wi-Fi Storage Heaters

Ecombi PROSSH Wi-Fi compatible storage heater.

- ✓ Wireless control
- ✓ Links with Amazon Alexa\*\*
- ✓ Daily and weekly programming
- ✓ Smart IEM Technology
- ✓ Thermostat accurate to  $\pm 0.1^{\circ}\text{C}$



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+ Charges the store overnight using low cost off-peak electricity.

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+ Elnur's exclusive "IEM" (Integral Energy Manager) automatically adjusts charging to suit climate and demand on a daily basis.

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+ Three possible operating modes. With the Auto operating mode, maximum comfort and energy savings can be achieved with Ecombi SSH.

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+ Fully programmable. Built-in weekly and daily programmer with three level temperature selector: Comfort, Eco and Frost-protection.

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+ Built-in balancing heating element to provide faster room warm-up times and supplement the stored heat as and when required.

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+ Open window detection function to reduce energy waste.

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+ Adaptive start control function to guarantee maximum comfort at the desired time.

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+ Temperature accuracy to within  $0.1^{\circ}\text{C}$ , resulting in less energy wasted from temperature setting overshoot, than any other storage heater.

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+ New LCD screen to show multiple information, including the current level of charge of the storage heater at any time.

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+ Fully compliant with "SAP" specification criteria for "integrated storage and direct acting heater".

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+ Perfect electric heating product for house builders, developers, social housing providers, private landlords and homeowners.

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## Technical features

- Digital Smart Storage Heater.
- IEM technology, the intelligent way to manage the charge and the discharge.
- Daily and weekly programming.
- Three levels of temperature: Comfort, Economy and Frost-protection.
- Internet controllable. Wireless control and operation with the G-Control System.
- Open window detection for reduced energy waste.
- Adaptive start control.
- Proximity detection using G-Control location system.
- High quality insulation materials with low thermal conductivity.
- High quality insulation materials in all sides of the storage heater.
- epoxy RAL 9010.
- Robust thermoplastic fittings.
- Easy to install on any kind of wall.
- Intuitive LCD display with advance control options.
- Temperature sensor with calibration option.
- Overheating protection on storage heating function.
- Balancing heating element made of aluminium.
- Safety thermostat with manual reset.
- Class I insulation.
- High density heat retention blocks.
- Steel structure powder coated in epoxy RAL 9010.
- Robust thermoplastic fittings.
- Easy to install on any kind of wall.
- Intuitive LCD display with advance control options.
- Compatible with two-period off-peak electric tariff in a single 24-hour interval.
- G-Control Hub switchboard is required for the wireless control and operation of the storage heater.
- New Amazon Alexa features compatible with G-Control System.

| Model  | PROSSH158      | PROSSH208     | PROSSH308     | PROSSH408     |
|--|----------------|---------------|---------------|---------------|
| Balancing element output**<br>230 / 240 V- (W) | 450 / 490      | 600 / 653     | 900 / 980     | 1200 / 1307   |
| Storage heater input**<br>230 / 240 V- (W)     | 975 / 1062     | 1300 / 1415   | 1950 / 2123   | 2600 / 2831   |
| Charge period                                  | 7.6-7h         | 7.6-7h        | 7.6-7h        | 7.6-7h        |
| Charging (7h) (kWh)                            | 7.4            | 9.9           | 14.9          | 19.8          |
| Length (cm)                                    | 55             | 66            | 89            | 111           |
| Height (cm)                                    | 73             | 73            | 73            | 73            |
| Width (cm)                                     | 18             | 18            | 18            | 18            |
| Weight (kg)                                    | 59             | 77            | 112           | 147           |
| No. of blocks (No.11016) 7.5kg                 | -              | 8             | 12            | 16            |
| No. of blocks (No.11072) 11.5kg                | 4              | -             | -             | -             |
| EAN 13   | 84322336111167 | 8432336111181 | 8432336111204 | 8432336111228 |

\*Full warranty terms and conditions available at [www.einhur.co.uk](http://www.einhur.co.uk)

\*\*When paired with an Elnur G-Control Hub

\*\*Storage heater elements and balancing element will never operate at the same time

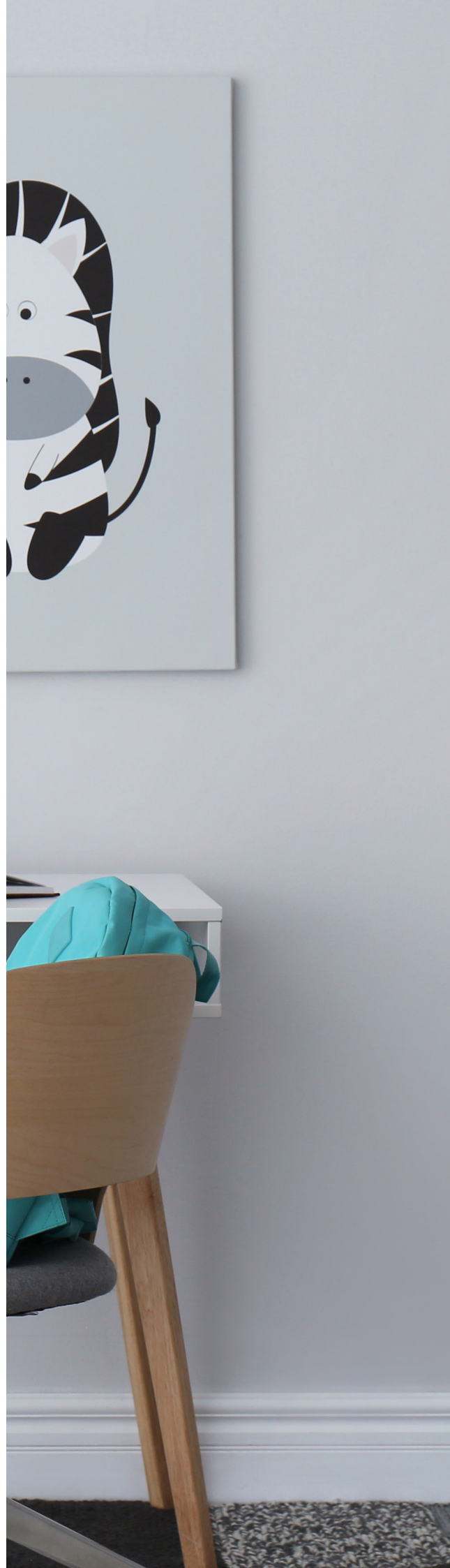
# Electric Radiators

Discover the ultimate in home heating with Elnur's electric radiators. Designed to deliver consistent and efficient warmth, our electric radiators offer a perfect blend of style, comfort, and technology. Ideal for any room, they provide an easy-to-install, hassle-free heating solution.

Elnur's electric radiators feature advanced thermostatic controls, allowing precise temperature management and customisable heating schedules to fit your lifestyle. With rapid heat-up times and even heat distribution, you can enjoy immediate and lasting comfort. Our radiators are also equipped with energy-saving modes and smart technology, ensuring they operate efficiently, helping to reduce your energy consumption and lower your bills.

Crafted with sleek, modern designs, our electric radiators seamlessly integrate into any décor, providing both functionality and aesthetic appeal. Built to last, they offer reliable performance and durability, making them a smart investment for your home.

Experience the convenience and efficiency of Elnur's electric radiators, and transform your space with cost-effective heating solutions that keep you warm and cozy all year round.





# Durable design, built to last

Our Thermal Inertia Radiators use two different types of technology:

1. EcoFluid based on an optimum thermal inertia and heat transfer through a low viscosity and environmentally friendly thermo fluid.
2. EcoSeco Technology, a real innovation in heat transference based on a primary core and a secondary heat amplifier.

The design of the high-quality aluminium elements, allows a natural convection of air through the radiator, providing perfect heat distribution, radiation and a thermal inertia that ensures very low running costs.

The real core of these devices, is their Electronic Triac Control Optimiser (ETCO). This manages and restricts the flow of electricity to guarantee low consumption.

Each radiator incorporates a highly accurate ambient thermostat ( $\pm 0.1^{\circ}\text{C}$  precision), that provides the best temperature control and reduces electricity consumption by minimising waste through temperature over-shoot.

For the ultimate in control, our range also provides Wi-Fi connectivity to allow control on a smartphone, tablet, laptop or desktop, from anywhere in the world via an internet connection.

With five ranges to choose from in different stylish aesthetic designs, there is always an Elnur radiator to suit your needs.



# RDW Ingenium Wi-Fi Radiators

Digital programmable electric radiator, with thermal fluid.

Wireless control and operation with the G-Control System (via Wi-Fi)

- ✓ Digital smart electric
- ✓ Daily and weekly programming
- ✓ Wi-Fi control with G-Control
- ✓ Links with Amazon Alexa\*\*
- ✓ Thermostat accurate to  $\pm 0.1^{\circ}\text{C}$



Top control



Patented wall fixing brackets



G-Control Hub



## Why choose Ingenium Wi-Fi radiators?

The RDW Ingenium range boasts the very latest technology developed by Elnur to provide a modern, ergonomically designed, stylish, efficient and totally controllable electric radiator. Complete with built-in Wi-Fi control and energy consumption monitor.

With 50 years of manufacturing excellence, Elnur has incorporated clever design features to enhance performance and heat output. The Ingenium radiator range is specifically designed to disperse heat over its entire surface and retain heat after it is switched off.

Every radiator in the Ingenium range provides the most accurate temperature control of the room via its electronic chrono thermostat. Which allows the user to set their ideal temperature during the day or the night, as and when required. Coupled with the highest sensitivity thermostat at  $\pm 0.1^{\circ}\text{C}$ , the user can be sure the temperature of the room is exactly as they want it.

Energy control is essential to minimise consumption and reduce electricity expenses.

Ingenium radiators have our latest technology integrated within. The ETCO (Electronic Triac Control Optimiser) manages and restricts the flow of electricity to reduce energy wastage while still keeping the room at optimum temperature.

Each Ingenium radiator has a built-in daily/weekly programmer to give the user precise time control. This easy-to-use programmer allows them to set their desired mode - with three temperature settings - Comfort, Economy or Frost which can be adjusted to the user's preference. Elnur Ingenium has been designed with the user in mind. Providing maximum comfort while helping to make savings and reduce carbon footprint.

New features to enhance efficiency, increase comfort and reduce energy include adaptive start control and open window detection system.

The result is a beautifully designed technically superb product that provides the best efficiency in direct electric heating coupled with our industry-leading 5-year electronics and 10-year components warranty as standard.

- Electronic TRIAC Control Optimiser (ETCO) to manage flow of electricity.
- White backlight LCD display.
- Daily and weekly programming.
- Three levels of temperature: Comfort, Economy and Frost-protection.
- Integrated G-Control System for configuration and remote control of the radiator via internet.
- Temperature selector with display of set-point temperature.
- Open window detection for reduced energy waste.
- "Adaptive Start" function.
- Geo-location via an internet connection.
- EcoFluid technology. Shell brand thermal fluid.
- Built-in electronic ambient thermostat  $\pm 0.1^{\circ}\text{C}$ .
- Keyboard lock function.
- Thermal safety cut-out.
- Adjustable, digital thermostat.
- Straight design elements of injected aluminium alloy finished in Epoxy RAL 9010 powder coating.
- Possibility of configuring the system manually or automatically as preferred.
- Supplied with mains cable.
- Quick and easy installation, thanks to the patented wall fixing brackets, which are designed for ease of installation, without the need for measuring or levelling.
- G-Control Hub offered as an accessory to control and manage the radiator via Wi-Fi.
- G-Control Power Meter, offered as an option to control and manage electrical consumption in the home.
- New Amazon Alexa features compatible with G-Control System.

| Model                         | RD4W          | RD6W          | RD8W          | RD10W         | RD12W         | RD14W         |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Output (W)                    | 500           | 750           | 1000          | 1250          | 1500          | 2000          |
| No. of modules                | 4             | 6             | 8             | 10            | 12            | 14            |
| Voltage (V)                   | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     |
| Frequency (Hz)                | 50            | 50            | 50            | 50            | 50            | 50            |
| Dimensions*** (cm)<br>(WxHxD) | 42x58x8       | 58x58x8       | 74x58x8       | 90x58x10      | 106x58x8      | 122x58x8      |
| Net weight (kg)               | 9             | 12            | 15            | 18            | 21            | 24.5          |
| EAN 13                        | 8432336423161 | 8432336423185 | 8432336423208 | 8432336423222 | 8432336423246 | 8432336423260 |

\*Full warranty terms and conditions available at [www.elnur.co.uk](http://www.elnur.co.uk)

\*\*When paired with an Elnur G-Control Hub

\*\*\*Plus 2cm space from the wall

# RFE PLUS Electric Radiators

Electric Radiators, with thermal fluid and digital control programmer.

- ✓ Digital temperature selector
- ✓ Daily and weekly programming
- ✓ 5 year memory back-up
- ✓ 3 temperature modes
- ✓ Thermostat accurate to  $\pm 0.1^{\circ}\text{C}$



## Why choose RFE Plus radiators?

The RFE Plus range boasts the very latest technology developed by Elnur to provide a modern, ergonomically designed, stylish, efficient and totally controllable electric radiator.

With know-how gained from 40 years of manufacturing excellence, Elnur has incorporated clever design features to enhance performance. The RFE Plus radiator range is manufactured from an injected aluminium structure with thermal fluid inside, specifically designed to disperse heat over its entire surface.

Every radiator in the RFE Plus range provides accurate temperature control of the room where they are installed. An electronic chrono thermostat allows the user to set their ideal temperature during the day or the night, as and when required.

Energy control is essential to minimise consumption and reduce electricity expenses.

RFE Plus radiators provide you with the latest technology in consumption control - ETCO (Electronic Triac Control Optimiser), to manage and restrict the flow of electricity.

Furthermore, each RFE Plus radiator has our built-in daily/weekly programmer to provide precise time control for the user. This easy to use yet comprehensive programmer allows them to set their desired mode - Comfort, Economy or Frost Protection, for any given hour of the day. Providing maximum comfort while helping to cut any unnecessary heating expense.

New features to enhance efficiency and reduce carbon footprint include adaptive start control and open window detection system.

The result is a technically superb product that provides the best efficiency in direct electric heating, coupled with our industry- leading 5-year electronics and 10-year components warranty.



## Technical features

- Electronic TRIAC Control Optimiser (ETCO) to manage flow of electricity.
- Digital temperature selector for displaying real temperature, set up temperature, clock and other messages.
- Daily and weekly programming.
- Three levels of temperature: Comfort, Economy and Frost-protection.
- Open window detection for reduced energy waste.
- Adaptive start control.
- EcoFluid technology
- Built-in electronic ambient thermostat  $\pm 0.1^{\circ}\text{C}$ .
- Adjustable digital thermostat.
- Built-in on-off switch.
- Security system with five-year memory backup, to prevent loss of programming.
- Flat lockable keyboard for easy cleaning.
- Thermal safety cut out.
- IP2X protection.
- Class I insulation.
- Stylish aluminium body finished in epoxy powder coating RAL 9010.
- Ratings from 500 to 2000W.
- Fitted with mains cable.
- Patented safety wall fixing brackets for ease of installation.
- Real time temperature display.

| Model                         | RF4E PLUS     | RF6E PLUS     | RF8E PLUS     | RF10E PLUS    | RF12E PLUS    | RF14E PLUS    |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Output (W)                    | 500           | 750           | 1000          | 1250          | 1500          | 2000          |
| No. of modules                | 4             | 6             | 8             | 10            | 12            | 14            |
| Voltage (V)                   | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     |
| Frequency (Hz)                | 50-60         | 50            | 50            | 50            | 50            | 50            |
| Dimensions*** (cm)<br>(WxHxD) | 41.5x58x10    | 57.5x58x10    | 73.5x58x10    | 89.5x58x10    | 105.5x58x10   | 121.5x58x10   |
| Net weight (kg)               | 10.5          | 13            | 17            | 21            | 24.5          | 28            |
| EAN 13                        | 8432336418624 | 8432336418648 | 8432336418662 | 8432336418686 | 8432336418709 | 8432336418723 |

\*Full warranty terms and conditions available at [www.ehnur.co.uk](http://www.ehnur.co.uk)

\*\*\*Plus 2cm space from the wall

# RBC Lower Height Radiator

Digital programmable, low profile radiator, with thermal fluid

- ✓ Digital programmer and timer
- ✓ Digital smart electric heater
- ✓ EcoFluid Technology
- ✓ 4 operation modes
- ✓ Thermostat accurate to  $\pm 0.1^{\circ}\text{C}$
- ✓ Low profile - only 430mm high



## Why choose the new Elnur conservatory radiators?

The new Elnur conservatory radiator is designed with a lower height, that is ideal for conservatories, rooms with dwarf walls such as a loft conversion, and below tall windows. Offering the very latest technology developed by Elnur, the RBC conservatory radiator provides a modern, ergonomically designed, stylish, efficient and totally controllable electric radiator.

+ 430mm high - perfect for conservatories, loft conversions, dwarf walls and below tall windows.

+ Built-in energy waste reduction technology for ultimate efficiency.

+ Built-in daily or weekly programmer for total control in three temperature modes.

Naturally, each conservatory radiator includes our built-in daily/weekly programmer to provide the user with precise time control. This easy to use yet comprehensive programmer allows the user to set their desired mode - Comfort, Economy or Frost Protection, for any given hour of the day. Providing maximum comfort while helping to make savings.

New features to enhance efficiency and reduce carbon footprint include adaptive start control and open window detection system.

The result is a technically superb product that provides the best efficiency in direct electric heating coupled with our industry- leading 5-year electronics and 10-year components warranty.

## Technical features

- White backlight LCD display.
- Different operating modes available: Comfort, Night, Frost Protection and Program.
- Daily and weekly programmer. Possibility to save up to 3 different weekly programs, in order to select the best for each situation.
- ECO mode to reduce established set-point.
- Open window detection function.
- "Adaptive Start" function.
- Consumption indicator.
- EcoFluid technology. Shell brand thermal fluid.
- Built-in electronic ambient thermostat  $\pm 0.1^{\circ}\text{C}$ .
- Keyboard lock function.
- Thermal safety cut-out.
- IP2X Protection
- Class II insulation.
- Elements of injected aluminium alloy, finished in Epoxy RAL 9010 powder coating.
- Supplied with mains cable.
- Quick and easy installation, thanks to the patented wall fixing brackets, which are designed for ease of installation, without the need for measuring or levelling.
- Pilot wire control for central programming.
- 2hr boost function.

| Model                         | RBC9          | RBC11         | RBC14         |
|-------------------------------|---------------|---------------|---------------|
| Output (W)                    | 1000          | 1250          | 1500          |
| No. of modules                | 9             | 11            | 14            |
| Voltage (V)                   | 220 - 240     | 220 - 240     | 220 - 240     |
| Frequency (Hz)                | 50 - 60       | 50 - 60       | 50 - 60       |
| Dimensions*** (cm)<br>(WxHxD) | 79.5x43x10    | 95.5x43x10    | 119.5x43x10   |
| Net weight (kg)               | 15            | 17            | 20            |
| EAN 13                        | 8432336409745 | 8432336409769 | 8432336409783 |

\*Full warranty terms and conditions available at [www.elnur.co.uk](http://www.elnur.co.uk)

\*\*\*Plus 2cm space from the wall

# RXE Plus Electric Radiators

Electric Inertia Radiator, with digital control programmer.

- ✓ Digital temperature selector
- ✓ Daily and weekly programming
- ✓ 5 year memory back-up
- ✓ 3 temperature modes
- ✓ Thermostat accurate to  $\pm 0.1^{\circ}\text{C}$
- ✓ EcoSeco dry oil free technology



## Why choose RXE Plus radiators?

The RXE Plus range harnesses our patented dry technology that was developed by Elnur to provide a more environmentally friendly, modern, stylish, efficient and totally controllable electric radiator.

The RXE Plus radiator range benefits from our vast industry experience and flair for innovation. Each radiator incorporates clever design features and is manufactured from a steel body with extruded aluminium front and upper panels. The extruded corrugated aluminium front panel design increases the heat cession to the room by more than 50%. In addition, the upper aluminium panel has been designed to re-direct the convection resulting in faster heat distribution.

Continuing our standard for "quality without compromise", RXE Plus radiators benefit from:

- + Highly accurate electronic thermostat for room temperature control.
- + Energy control management - ETCO (Electronic Triac Control Optimiser) to manage and restrict the flow of electricity.

+ Easy to use built-in daily/weekly programmer, allowing users to set their desired mode (comfort, economy or frost protection) for any hour of the day.

+ Open window detection for reduced energy waste.

+ Adaptive start control to guarantee maximum comfort at the desired time.

The RXE Plus range is a technically superb product that provides the best efficiency in direct electric heating, coupled with our industry-leading 5-year electronics and 10-year components warranty.



## Technical features

- Electronic TRIAC Control Optimiser (ETCO) to manage flow of electricity.
- Digital temperature selector for displaying real temperature, set up temperature, clock and other messages.
- Daily and weekly programmer.
- Three-level temperature selector: Comfort, Economy and Frost-protection.
- Open window detection for reduced energy waste.
- "Adaptive Start" function.
- EcoSeco dry oil free technology.
- Built-in electronic ambient thermostat  $\pm 0.1^{\circ}\text{C}$ .
- Adjustable digital thermostat.
- Built-in On-Off switch.
- Security system with five-year memory backup, to prevent loss of programming.
- Flat lockable keyboard for easy cleaning.
- Ratings from 500 to 2000W.
- Thermal safety cut out.
- IP2X protection.
- Class I insulation.
- Stylish aluminium body finished in epoxy powder coating RAL 9010.
- Fitted with mains cable.
- Patented safety wall fixing brackets for ease of installation.
- Real time temperature display.

| Model                         | RX4E PLUS     | RX6E PLUS     | RX8E PLUS     | RX10E PLUS    | RX12E PLUS    | RX14E PLUS    |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Output (W)                    | 500           | 750           | 1000          | 1250          | 1500          | 2000          |
| No. of modules                | 4             | 6             | 8             | 10            | 12            | 14            |
| Voltage (V)                   | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     | 220 - 240     |
| Frequency (Hz)                | 50            | 50            | 50            | 50            | 50            | 50            |
| Dimensions*** (cm)<br>(WxHxD) | 41.5x58x10    | 57.5x58x10    | 73.5x58x10    | 89.5x58x10    | 105.5x58x10   | 121.5x58x10   |
| Net weight (kg)               | 8.5           | 10            | 13            | 15            | 19            | 19            |
| EAN 13                        | 8432336418501 | 8432336418525 | 8432336418549 | 8432336418563 | 8432336418587 | 8432336418600 |

\*Full warranty terms and conditions available at [www.elnur.co.uk](http://www.elnur.co.uk)

\*\*\*Plus 2cm space from the wall

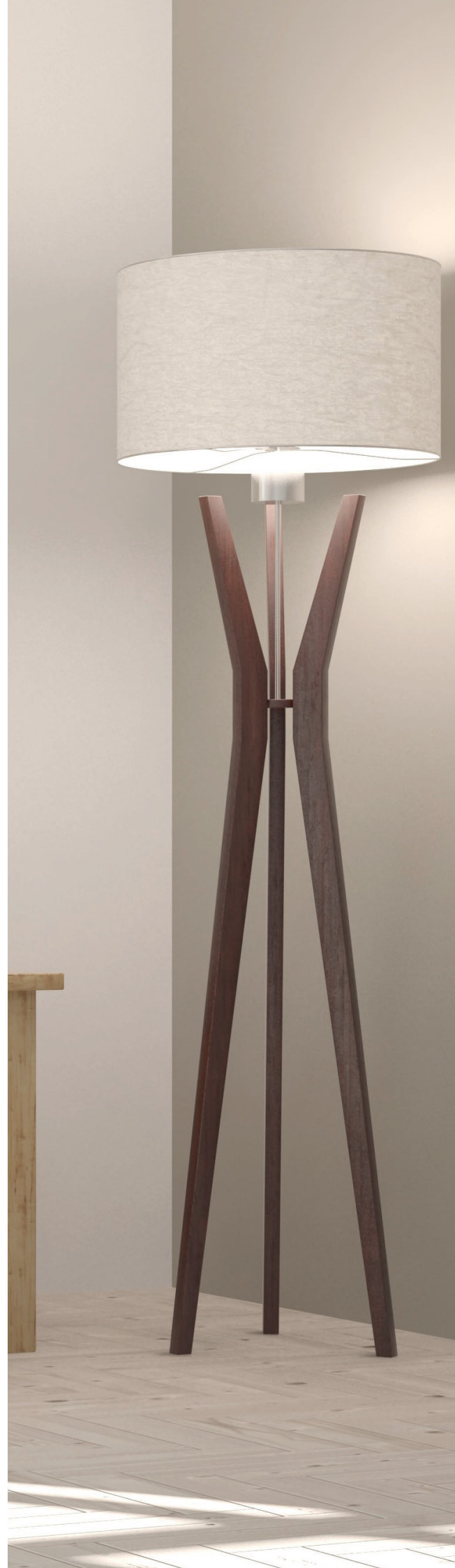
# Panel Heaters

Elnur's panel heaters provide a quick and cost efficient way to warm up any space, combining cutting-edge technology with sleek design.

Our panel heaters are equipped with user-friendly programmable thermostats, allowing you to set your desired temperature and schedule to match your daily routine. With rapid heat-up times and even heat distribution, they ensure immediate comfort without the wait. Energy-efficient modes and smart controls help optimise energy usage, making it easy to maintain a cosy environment while keeping energy costs down.

Designed with modern aesthetics in mind, Elnur's panel heaters feature slim, compact profiles that blend seamlessly into any room décor. They can be wall-mounted, providing flexibility in installation and placement to suit your specific needs.

Durable and reliable, our panel heaters are built to last, offering consistent performance year after year. Whether you need additional heating in a bedroom, or any other space, Elnur's panel heaters deliver effective warmth with convenience and style always in mind.



# Incredibly cost effective

Our PH Plus digital panel heaters now benefit from the very latest digital and programmable technologies to provide a modern, efficient and controllable direct acting heater.

Our wall mounted panel heaters are the perfect choice for a cost effective and rapid solution to heating a room occasionally or for short periods of time during the day.

These panel heaters are the desired solution for homeowners and designers alike, taking up little space and quickly reaching an even and comfortable temperature.

As well as being used as an independent heating system, they are also used to complement other electric heating systems such as storage heaters and are ideal for use in rooms such as bedrooms, bathrooms, kitchens and other areas where constant heating is not required.

With the PH Plus range of panel heaters, the temperature can be accurately controlled via the built-in digital thermostat that boasts industry-leading accuracy of  $\pm 0.1^{\circ}\text{C}$ . This reduces the heat wasted from large fluctuations like the older traditional style panel heaters.

Available in four different outputs: 750w, 1250w, 1500w and 2000w, this superb range of heaters is equipped with efficient features such as a daily and weekly digital programmer and highly accurate thermostat. There are also three temperature modes, open window detection for reduced energy waste, adaptive start control to guarantee maximum comfort at the desired time, and a 5-year memory back-up security system.



# PH Plus Panel Heater

Digital Panel Heater with programmer



- ✓ Digital programmer and timer
- ✓ Adaptive start control
- ✓ 5 year memory back-up
- ✓ Thermostat accurate to  $\pm 0.1^{\circ}\text{C}$



PH Plus  
Control Panel



## Why choose our PH Plus panel heater?

Choosing our PH Plus Panel Heater means opting for superior heating performance, efficiency, and convenience. Here's why our PH Plus Panel Heater stands out:

1. **Rapid Heat-Up:** The PH Plus Panel Heater quickly warms up your space, providing instant comfort when you need it most. No more waiting around for your room to reach the perfect temperature.
2. **Energy Efficiency:** Equipped with advanced energy-saving features, our PH Plus Panel Heater optimises power consumption, helping you reduce your energy bills without compromising on warmth.
3. **Smart Controls:** Enjoy the ease of programmable thermostats and intelligent control options, allowing you to set precise temperatures and heating schedules to match your lifestyle.
4. **Sleek Design:** The modern, slimline design of the PH Plus Panel Heater ensures it blends seamlessly into any room décor. It adds a touch of elegance to any space in your house.

5. **User-Friendly:** With an intuitive interface and simple controls, the PH Plus Panel Heater is easy to use, making it a hassle-free heating solution for any room in your home or office.

6. **Durable and Reliable:** Built with high-quality materials, our PH Plus Panel Heater is designed to last, providing consistent performance and peace of mind for years to come.

Experience the perfect combination of efficiency, style, and comfort with Elnur's PH Plus Panel Heater. It's the smart choice for modern, effective, and eco-friendly heating.

## Technical features

- Electronic TRIAC Control Optimiser (ETCO) to manage flow of electricity.
- Digital temperature selector for displaying real temperature, set up temperature, clock and other messages.
- Daily and weekly programmer.
- Three-level temperature selector: Comfort, Economy and Frost-protection.
- Open window detection for reduced energy waste.
- "Adaptive Start" function.
- Built-in electronic ambient thermostat  $\pm 0.1^{\circ}\text{C}$ .
- Adjustable digital thermostat.
- Flat lockable keyboard for easy cleaning.
- Built-in on-off switch.
- Security system with five-year memory backup, to prevent loss of programming.
- Input from 750W to 2000W.
- Thermal safety cut out.
- Protection IP2X.
- Class I insulation.
- Powder coated RAL 9010 steel structure.
- Fitted with 1.5m mains cable.
- Unique wall fixing brackets included.

| Model                         | PH-075 PLUS   | PH-125 PLUS   | PH-150 PLUS   | PH-200 PLUS   |
|-------------------------------|---------------|---------------|---------------|---------------|
| Output (W)                    | 750           | 1250          | 1500          | 2000          |
| Voltage (V)                   | 230 - 240     | 230 - 240     | 230 - 240     | 230 - 240     |
| Frequency (Hz)                | 50 - 60       | 50 - 60       | 50 - 60       | 50 - 60       |
| Dimensions*** (cm)<br>(WxHxD) | 41x41x8       | 56x41x8       | 63x41x8       | 78x41x8       |
| Net weight (kg)               | 3.5           | 4             | 4.5           | 5.5           |
| EAN 13                        | 8432336603259 | 8432336603273 | 8432336603297 | 8432336603310 |

\*Full warranty terms and conditions available at [www.einhur.co.uk](http://www.einhur.co.uk)

\*\*\*Plus 2.5cm space from the wall

# Electric Boilers

Elnur presents *Mattira*, one of the safest and most reliable electric boilers on the market.

This new range of electric boilers covers every domestic hot water and heating need. It is the ideal solution when a totally safe and reliable efficient central heating system is required.

Our digital electric boilers are the only ones on the market that regulate energy consumption according to the heating needs of the installation. They do so by taking into account not only the ambient temperature, but also the external temperature.

- ✓ Safe and reliable
- ✓ Cost effective Energy efficient
- ✓ Smart Electronic Modulating System (SEM)
- ✓ Clean Electric Energy
- ✓ 2-15kw outputs
- ✓ Compatible with any volt free thermostat





# Main Features and Benefits



## Energy Savings

### Heating Modulation

The advanced control board on the boiler will automatically modulate the heating output to the demand required to save energy. Our Gabarrón electric boilers are managed by a Smart Electronic Modulating system (SEM system) which re-calculates every 20 seconds in order to regulate the consumption depending on the real heat demand. It applies TRIAC technology combined with an external chrono-thermostat to continuously adapt the heating capacity to the heating needs of the premises, thus achieving 100% energy efficiency and overall savings in energy costs.



## Maximum Comfort

### Auto Heating Regulation

Additionally, it is possible to regulate the temperature at which the boiler drives the water heating circuit depending on the outdoor temperature. This method of regulation provides maximum comfort as it anticipates changes in the thermal needs of the house. The room thermostat continues to regulate the temperature inside the house. The connection of an external temperature sensor is required to activate this mode.



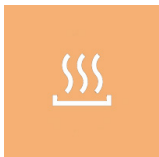
### Quick and Easy Installation

Gabarrón Mattira electric boilers come fitted with all the components required to operate the unit, including a template for ease of installation. Installation is quick and easy and can usually be completed in a single day.



### Five-year Guarantee

Every new Gabarrón Mattira electric boiler from Elnur comes complete with a 5-year warranty covering all parts and labour against any faulty materials and manufacture defects. Full terms and conditions of the warranty are in the manual supplied with the boiler, which can also be downloaded from [www.elnur.co.uk](http://www.elnur.co.uk)



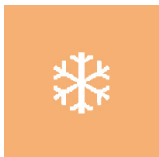
### Compatible with Underfloor Heating

The entire range of Gabarrón boilers can be used with hot water radiators or with radiant floor or overhead heating. In addition, Mattira boilers can be installed in combination with other heating systems such as thermal solar panels, heat pumps, etc.



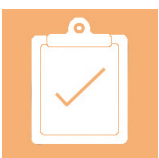
### Legionella Protection

The new Mattira Combi Boilers include our "Legionella Protection" system. If this function is activated, the DHW temperature is raised once a week to the maximum allowed, preventing Legionella growth through water temperature control.



### Frost Protection Mode

It is possible to select an anti-freeze mode for frost protection during periods of inactivity. By selecting the frost protection mode, the heating system will activate automatically if the boiler temperature falls under 8°C.



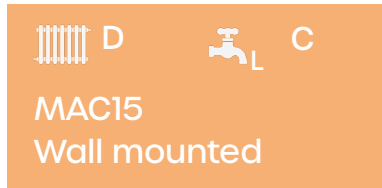
### Building Regulations G3 compliant

The Mattira Combi boiler incorporates a 50 litre unvented hot water store to optimise hot water performance. As such, careful consideration to the boiler design has been taken to ensure that the Mattira Combi Boiler incorporates all components and operates in full compliance with G3 of the Building Regulations.

# Mattira MAC15 Combi Boiler

Electric Combi Boiler, for both heating and hot water

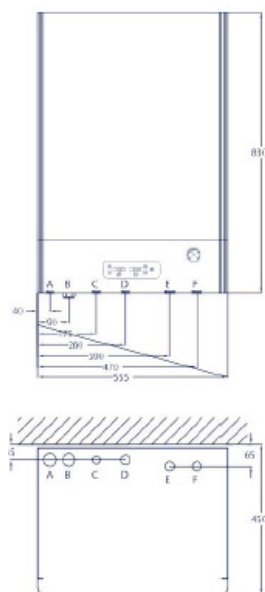
- ✓ Safe and reliable
- ✓ Cost effective
- ✓ Energy efficient
- ✓ Smart Electronic Modulating System (SEM)
- ✓ ErP Compliant



## Technical features

- Heating boiler made of insulated steel.
- Modulating electronic control of the heater by SEM system (Smart Electronic Modulating system).
- 50L DHW tank made of insulated stainless steel, CFC free.
- Stainless steel shielded elements - INCOLOY 800 for heating and DHW.
- 6L heating expansion vessel.
- 3L DHW expansion vessel.
- Pressure gauge 0-4bar.
- Circulating pump.
- Auto air vent.
- Silent TRIAC power switches.
- Modulating electronic control of the heater.
- Auto Heating Regulation mode.
- Heating flow detector.
- Heating temperature limiter 100°C.
- DHW temperature limiter 80°C.
- Heating 3 bar relief valve.
- DHW 7 bar relief valve.
- Also suitable for use with under floor heating.
- DHW anti-electrolysis hoses.
- Powder coated RAL 9010.
- Wall bracket steel template to set up connections easily.
- Compatible with the CTM20 Programmable thermostat & G-Control Wi-Fi connected system, all available as accessories.

## Mattira Combi MAC15 Specifications



### Dimensions and connections

A - Safety valve drain DHW

B - Electrical connection

C - Cold water input 1/2"

D - DHW outlet 1/2"

E - Heating return 3/4"

F - Heating flow 3/4"

| Model                       | MAC15  |        |        |        |        |        |       |       |       |       |       |       |
|-----------------------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| Selectable Output (kW)      | 3      | 4      | 5      | 6      | 7      | 8      | 9     | 10    | 11    | 12    | 13    | 15    |
| kcal/h                      | 2580   | 3440   | 4300   | 5160   | 6020   | 6880   | 7740  | 8600  | 9460  | 10320 | 11180 | 12900 |
| Current 3 x 400 V+N- A      | 13.0   | 8.7    | 13.0   | 8.7    | 13.0   | 13.0   | 13.0  | 21.7  | 21.7  | 21.7  | 21.7  | 21.7  |
| **Current 230 V- A          | 13.0   | 17.4   | 21.7   | 26.1   | 30.4   | 34.8   | 39.1  | 43.5  | 47.8  | 52.2  | Ask   | Ask   |
| ***Time Available DHW (min) | 29'04" | 21'48" | 17'26" | 14'32" | 12'27" | 10'54" | 9'41" | 8'43" | 7'56" | 7'16" | 6'42" | 5'49" |

\*Full warranty terms and conditions available at [www.eihur.co.uk](http://www.eihur.co.uk)

\*\*Using included bridge connection \*\*\*Time in minutes remaining available in DHW

| Model              | MAC15                |
|--------------------|----------------------|
| Voltage (V)        | 3x400 V+N / 200-240  |
| Frequency (Hz)     | 50-60                |
| Insulation         | Class I              |
| Net weight (kg)    | 61                   |
| Dimensions (HxWxD) | 83cm x 55.5cm x 45cm |
| EAN 13             | 8432336804663        |

# Mattira MAS15 System Boiler

Digital modulating electric boiler, heating only.

- ✓ Safe and reliable
- ✓ Cost effective
- ✓ Energy efficient
- ✓ Smart Electronic Modulating System (SEM)
- ✓ ErP Compliant



MAS15  
Wall mounted



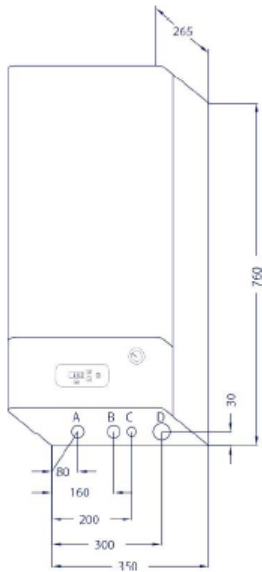
## Technical features

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- Wall mounted heating boiler made of insulated steel.
- Modulating electronic control of the heater by SEM system (Smart Electronic Modulating system).
- Stainless steel shielded elements - IN-COLOY 800.
- 6L heating expansion vessel.
- Auto Heating Regulation mode.
- Pressure gauge 0-4bar.
- Circulating pump.
- Auto air vent.
- Silent TRIAC power switches.
- Heating flow detector.
- Heating temperature limiter 100°C.
- Powder coated RAL 9010.
- Wall bracket steel template to set up connections easily.
- Heating 3 bar relief valve.
- Also suitable for use with under floor heating.
- Compatible with the Elnur "RSTAT" Ambient Thermostat and the Elnur Connected range of internet thermostats, all available as accessories. Wi-Fi connected system, all available as accessories.



# Mattira MAS15 System Boiler Specifications



## Dimensions and connections

A - Heating flow 3/4"

B - Heating return 3/4"

C - Safety valve drain

D - Electrical connection

| Model                  | MAS15 |      |      |      |      |      |      |      |      |       |       |       |
|------------------------|-------|------|------|------|------|------|------|------|------|-------|-------|-------|
| Selectable Output (kW) | 3     | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12    | 13    | 15    |
| kcal/h                 | 2580  | 3440 | 4300 | 5160 | 6020 | 6880 | 7740 | 8600 | 9460 | 10320 | 11180 | 12900 |
| Current 3 x 400 V+N- A | 13.0  | 8.7  | 13.0 | 8.7  | 13.0 | 13.0 | 13.0 | 21.7 | 21.7 | 21.7  | 21.7  | 21.7  |
| **Current 230 V- A     | 13.0  | 17.4 | 21.7 | 26.1 | 30.4 | 34.8 | 39.1 | 43.5 | 47.8 | 52.2  | Ask   | Ask   |

\*Full warranty terms and conditions available at [www.einur.co.uk](http://www.einur.co.uk)

\*\*Using included bridge connection

| Model              | MAS15                |
|--------------------|----------------------|
| Voltage (V)        | 3x400 V+N / 220-240  |
| Frequency (Hz)     | 50-60                |
| Insulation         | Class 1              |
| Net weight (kg)    | 29.5                 |
| Dimensions (HxWxD) | 76cm x 35cm x 26.5cm |
| EAN 13             | 8432336804700        |

# Mattira MBX Electric Boiler

Smart Electric Modulating Boiler  
Instantaneous Heating and DHW

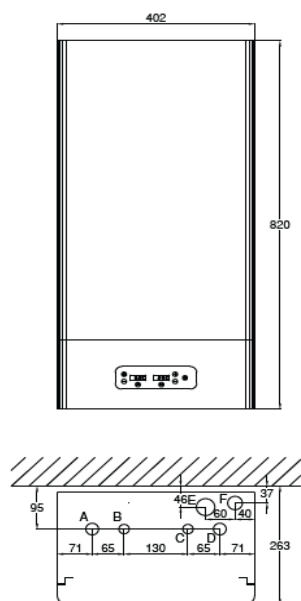
- ✓ Safe and reliable
- ✓ Cost effective
- ✓ Energy efficient
- ✓ Smart Electronic Modulating System (SEM)
- ✓ ErP Compliant



## Technical features

- Mattira MBX wall mounted model.
- Heat-insulated steel heating cylinder.
- Smart Electronic Modulating system (SEM).
- AUTO-Regulation mode.
- Stainless steel shielded elements - IN-COLOY 800.
- 6 L. expansion vessel.
- Electronic modulating heating output control.
- Electronic regulation for DHW.
- Digital display.
- Hydrometer 0-4 bar.
- Circulation pump.
- Automatic air valve.
- Silent power switches (TRIACS).
- Heating temperature limiter 100°C.
- Heating pressure switch.
- Heating 3 bar relief valve.
- Connection for room thermostat or room chronothermostat, required for modulating.
- Steel structure finished in epoxy RAL 9010.
- Lockable keyboard.
- Steel wall fixing template for easy and correct positioning.
- Suitable for use with underfloor heating installations.
- Compatible with chronothermostats CTM WI-FI, offered as accessories.
- The outdoor sensor is required to activate the "Auto Heating Regulation" mode. It is offered as an accessory.

## Mattira MBX Specifications



### Dimensions and connections

A - Heating flow 3/4"

B - DHW outlet 1/2"

C - Cold water inlet 1/2"

D - Heating return 3/4"

E - Electrical connection

F - Drain safety valve

| Model                  | MBX15 |      |      |      |      |      |      |      |      |       |       |       |
|------------------------|-------|------|------|------|------|------|------|------|------|-------|-------|-------|
| Selectable Output (kW) | 3     | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12    | 13    | 15    |
| kcal/h                 | 2580  | 3440 | 4300 | 5160 | 6020 | 6880 | 7740 | 8600 | 9460 | 10320 | 11180 | 12900 |
| Current 3 x 400 V+N- A | 13.0  | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 21.7 | 21.7 | 21.7  | 21.7  | 21.7  |
| **Current 230 V- A     | 13.0  | 17.4 | 21.7 | 26.1 | 30.4 | 34.8 | 39.1 | 43.5 | 47.8 | 52.2  | Ask   | Ask   |

\*Full warranty terms and conditions available at [www.elnur.co.uk](http://www.elnur.co.uk)

\*\*Using included bridge connection

| Model            | MBX15              |     |
|------------------|--------------------|-----|
| Voltage (V)      | 3x400 V+N- / 230V- |     |
| Insulation       | Class I            |     |
| Maximum DHW Flow | 1/min              | 8.6 |
| Net weight (kg)  | 32                 |     |

\*Maximum DHW flow rate for boiler set at 15kW with 25°C difference between inlet and outlet.  
Suitable for use with underfloor heating, please consult us.

## Accessories for Mattira MBX15 Boilers

CTM WI-FI



OUTDOOR SENSOR









# Electric Towel Rails

Our towel rails go beyond mere functionality; they embody a commitment to quality and innovation. Engineered to provide consistent warmth and reliability, they enhance daily routines with effortless ease. Whether you're stepping out of the shower to a pre-warmed towel or ensuring your bathroom stays dry and comfortable, our towel rails are designed to exceed expectations.

In addition to their practical benefits, our towel rails are a testament to sustainability. Crafted with energy efficiency in mind, they not only enhance your bathroom experience but also leave behind the worry of running costs. With options for both chrome plated and white finishes, each towel rail blends seamlessly into your bathroom's aesthetic while offering modern conveniences like digital thermostats and programmable settings. This allows users to maintain a stable heat output at exact times.

Elevate your bathroom with our towel rails, where luxury meets innovation, ensuring every moment is warm, comfortable, and effortlessly stylish.

- ✓ 100% energy efficient
- ✓ 2 levels of temperature
- ✓ Chrome plated or white finish options
- ✓ Open window detection
- ✓ Digital towel rail with programmer
- ✓ Additional 2 hour timer mode for boost

# TBBK White Towel Rail

## White Digital Towel Rail radiator with programmer



TBBK Control Panel

### Technical features

- Digital towel rail with daily and weekly programmer.
- Blue backlight LCD display.
- Digital temperature selector for displaying real temperature, set up temperature, programming and other information.
- Different operating modes can be set up such as Comfort, Eco, Frost protection, 2 hour Timer, Chrono and Pilot Wire.
- Two levels of temperature Comfort and Eco can be selected in the programming.
- Open window detection for reduced energy waste.
- "Timer 2h" mode to quickly warm up the room or to speed up towel drying.
- Built-in electronic ambient thermostat  $\pm 0.1^{\circ}\text{C}$ .
- Compatible with pilot wire controllers.
- Low density thermal fluid.
- Keyboard lock.
- Thermal safety cut out.
- IP44 protection, against splashing water.
- Class II insulation.
- Models finished in white RAL 9010 epoxy.
- Fitted with mains cable.
- Safety wall fixing brackets.
- TB-150 model is a fixed output without controller

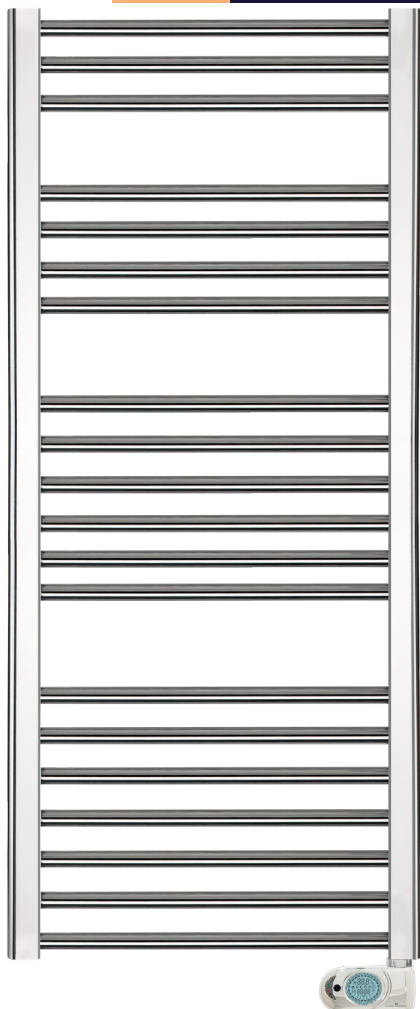
| Model                     | TB-150        | TBB-8K        | TBB-12K       |
|---------------------------|---------------|---------------|---------------|
| Output (W)                | 150           | 300           | 600           |
| Voltage (V)               | 220 - 240     | 220 - 240     | 220 - 240     |
| Frequency (Hz)            | 50 - 60       | 50            | 50            |
| Dimensions** (cm) (HxWxD) | 87x50x8       | 87x50x8       | 128x50x8      |
| Net weight (kg)           | 9             | 10            | 14            |
| EAN 13                    | 8432336502347 | 8432336502446 | 8432336502460 |

\*Full warranty terms and conditions available at [www.einhur.co.uk](http://www.einhur.co.uk)

\*\*Plus 2cm space from the wall

# TBCK Chrome Towel Rail

Chrome Digital Towel Rail radiator with programmer



TBCK Control Panel

## Technical features

- Digital towel rail with daily and weekly programmer.
- Blue backlight LCD display.
- Digital temperature selector for displaying real temperature, set up temperature, programming and other information.
- Different operating modes can be set up such as Comfort, Eco, Frost protection, 2 hour Timer, Chrono and Pilot Wire.
- Two levels of temperature Comfort and Eco can be selected in the programming.
- Open window detection for reduced energy waste.
- "Timer 2h" mode to quickly warm up the room or to speed up towel drying.
- Built-in electronic ambient thermostat  $\pm 0.1^{\circ}\text{C}$ .
- Compatible with pilot wire.
- Low density thermal fluid.
- Keyboard lock.
- Thermal safety cut out.
- IP44 protection, against splashing water.
- Class II insulation.
- Fitted with mains cable.
- Safety wall fixing brackets.
- Chrome finished steel

| Model                     | TBC-8K    | TBC-12K   |
|---------------------------|-----------|-----------|
| Output (W)                | 300       | 500       |
| Voltage (V)               | 220 - 240 | 220 - 240 |
| Frequency (Hz)            | 50        | 50        |
| Dimensions** (cm) (HxWxD) | 87x50x8   | 128x50x8  |
| Net weight (kg)           | 10        | 14        |

\*Full warranty terms and conditions available at [www.einhur.co.uk](http://www.einhur.co.uk)

\*\*Plus 2cm space from the wall

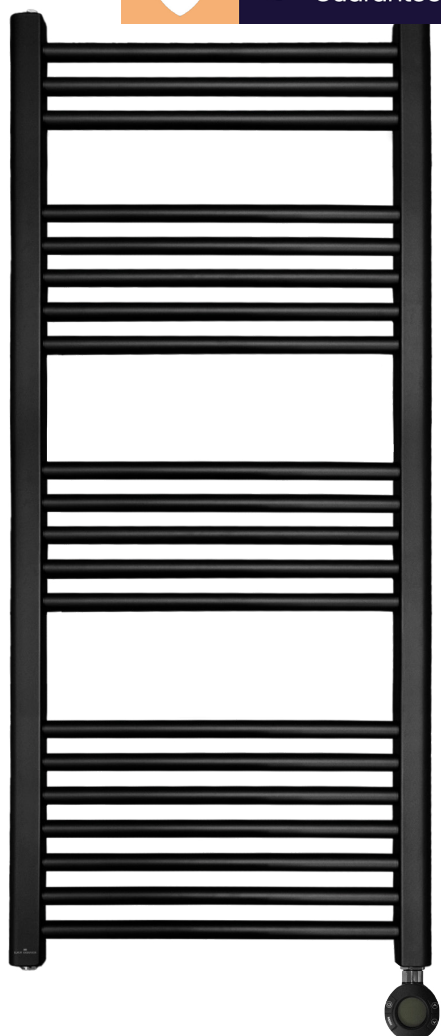






# TN BLACK Towel Rail

Matte Black Towel Rail radiator with programmer



TN Control

## Technical features

- Electric towel rail with low-density thermal fluid
- Weekly programmer
- LCD display with keyboard lock
- Open window detection for reduced energy waste
- Boost mode for fast warm-up
- Thermal safety cut out
- IP44 protection, against splashing water
- Fitted with 1.5m mains cable and plug for electrical connection
- Safety wall fixing brackets

| Model                     | TN-300   | TN-500   |
|---------------------------|----------|----------|
| Output (W)                | 300      | 500      |
| Voltage (V)               | 230      | 230      |
| Insulation                | Class II | Class II |
| Dimensions** (cm) (HxWxD) | 88x50x8  | 128x50x8 |
| Net weight (kg)           | 9        | 12       |

\*Full warranty terms and conditions available at [www.einhur.co.uk](http://www.einhur.co.uk)

\*\*Plus 2cm space from the wall







# Downflow Heaters



**CCB2000 - 1000 / 2000W**  
*White Downflow Heater*

- ✓ Two Power Levels
- ✓ 2 levels of temperature
- ✓ Stylish modern white finish
- ✓ Remote control included
- ✓ Open Window function
- ✓ Weekly programming



**CCN2000 - 1000 / 2000W**  
*Black Downflow Heater*

- ✓ Two Power Levels
- ✓ Eco, Comfort & De-Ice modes
- ✓ Stylish modern black finish
- ✓ Remote control included
- ✓ Open Window function
- ✓ Weekly programming

The Elnur downflow heaters are ideal, simple to use fan heaters for heating bathrooms.

In two stylish designs these bathroom heaters offer two power levels and different operating modes. Both include a remote control for ease of setting and control.

The CCB and CCN wall mounted heaters have the Open Windows Function to turn off heat in the event of a sudden drop in temperature, avoiding excess consumption.

For more information and full specifications please visit our website. [www.elnur.co.uk](http://www.elnur.co.uk)



# G-CONTROL SYSTEM

Control and management of heating via Wi-Fi, from any place and at any time.

The G-Control System in the Ingenium range of radiators and the ECOSSH storage heaters gives users total control over their radiators, from any place and at any time, via the internet. It has never been easier to achieve maximum comfort and management of heating, as the temperature and electrical consumption of the user's home can be controlled at all times.



The G-Control system comprises of four key components to offer maximum control and savings:

1

G-Control Receiver integrated into the electronics of every compatible storage heater and radiator.

3

The Elnur Wi-Fi control app - free download.

2

G-Control hub - one required per average domestic property (up to 30 appliances per hub).

4

Optional - The G-Control PM (Power Meter).

As standard, each installation using the G-Control system will allow users to access all of the functions and make modifications as required. Additionally, users can instantly access information about radiator consumption and historic use.

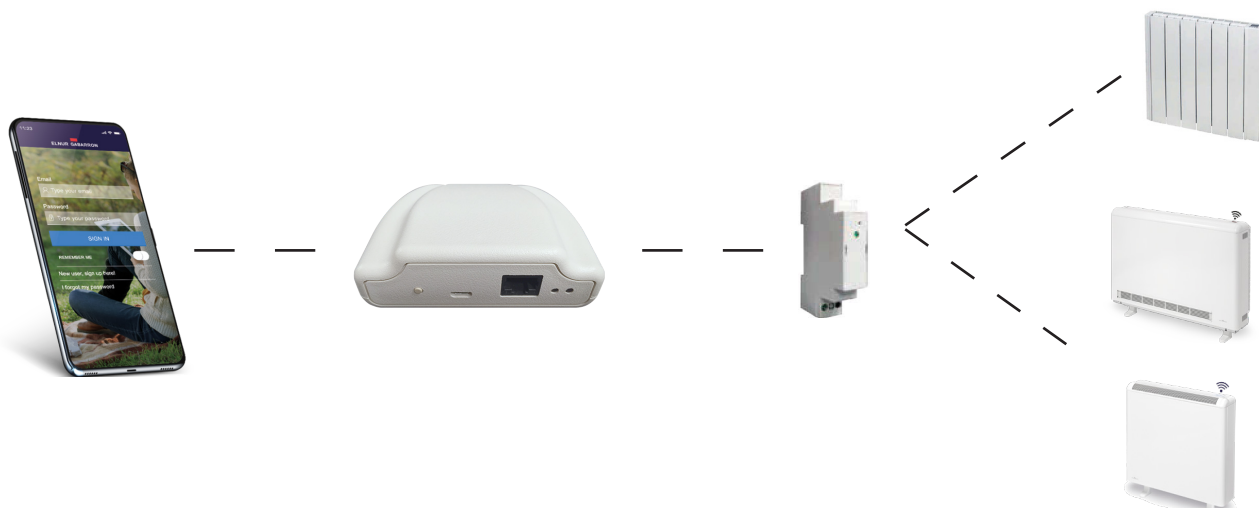
With the optional G-Control PM, users can also access consumption and historic use for all the electrical consumption in the property.

Users can establish the total available power and, if there is a precise moment of high consumption by other electrical equipment, they can set operating priorities for the heating equipment.

The G-Control System from Elnur provides 24/7 access from any mobile device, tablet or PC.

The Elnur Wi-Fi control app is free to download with versions available in IOS, Android and Web app formats.

Each G-Control Hub can manage up to 30 separate appliances. For larger applications, more than one hub may be required and therefore users can allocate an unlimited number of hubs to the same account, if required.









## App for easy and intuitive control

To access and control the heating equipment, we have created the Elnur G-control app powered by Gabarrón. The simple and intuitive app offers quick access to all the information, programming and energy consumption of a heater from any mobile device, tablet or PC.

## Switch on, modify and switch off heating instantly from anywhere

Communication between the G-Control Hub and the G-Control System integrated in the radiators allows users to access their heating via the internet and manage operations in real time.

## Registration of additional equipment or control of second homes

You can quickly and easily add new radiators or storage heaters to your G-Control app.

With the Elnur Gabarrón app you can add multiple properties with up to 30 heaters, individually named, making this perfect for any home or business.

## Reading of whole household electrical consumption

With the addition of the G-Control PM (power meter), users can access the consumption information for the whole household in real time, including all electrical equipment in stand-by mode. This additional feature enables users to make decisions about the consumption and operation of their heating equipment. In turn, this can help users to economise their daily consumption and achieve significant savings at the end of the winter season.

## Access to electrical consumption history

Consumption history is an important function to bear in mind. That's why we include this feature as standard on the Elnur G-control Control app. It provides information about the consumption of each individual Elnur radiator per day, week and year.

## Electrical consumption energy manager for reliable savings

With the G-Control PM installed, the power controller on the app allows users to input the maximum load for their property and set priority for their heating appliances. When the system detects consumption very close to or above the maximum load, it will determine which equipment should be disconnected automatically, depending on the priority established for each one.

In the case of equipment earmarked as having equal priority, the system will take into consideration the difference in temperature compared to the set-point one to establish which rooms have more or less need for heat.

## Comfort and programming at your reach at all times

Users can adjust and switch on or off each electric radiator independently. There is a daily and weekly program available which will allow them to reach their desired temperature for every hour of the day, seven days a week.

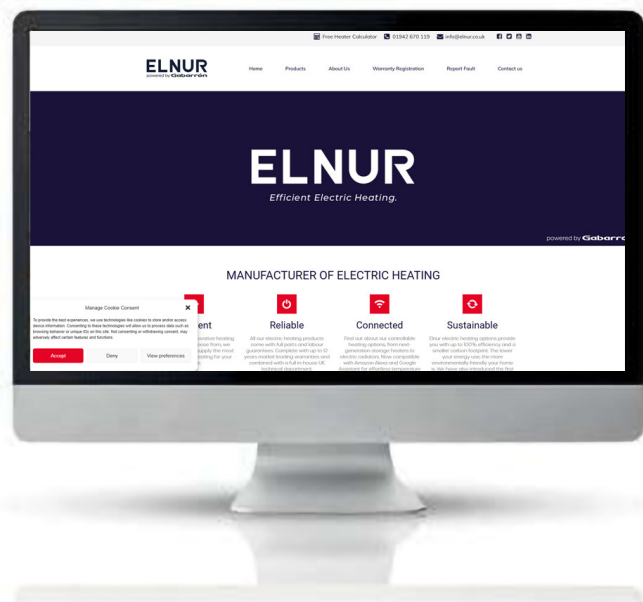
## GPS location function

Users can then establish the distance parameters (in metres), which will activate the heating upon detection to reduce the set-point temperature when the function is activated. That temperature can be selected individually for each piece of heating equipment registered for the household.

# Other Information

## Visit the Elnur website today

For the very latest information, product updates, downloads and advice, please visit [www.elnur.co.uk](http://www.elnur.co.uk)



- Find your regional area Managers Contact Details

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- Read our industry blog for the very latest information and advice

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- Watch our “how to” videos.

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- View and download our product brochures, case studies and installation/user guides

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- Get hints and tips from the experts

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- Register warranties for new Elnur appliances

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## Customer Service

A product manufactured in accordance with the highest level of quality performance deserves to be complemented by excellent service. At Elnur, all departments are customer- focused, offering quick and efficient solutions to any problems that may arise. If you have any queries, please email us at [info@elnur.co.uk](mailto:info@elnur.co.uk) or call us to the following telephone number **01942 670119**

## After-Sales Technical Support

Elnur's job does not finish when the goods are dispatched. We are committed to initial development, manufacturing and customer service. This includes a professional after-sales service. We have an Authorised Technical Services Network providing effective technical assistance all over the country, irrespective of the location or the product. Contact us by emailing [technical@elnur.co.uk](mailto:technical@elnur.co.uk)

## Project Management

We know that many concerns may arise when it comes to evaluating your project requirements. Our Projects department can advise you on each of the areas of your project and offer the best solution. They will take into account potential options so that you can suggest alternatives to the end customer. Please contact us at [projects@elnur.co.uk](mailto:projects@elnur.co.uk)

## Professional Advice

Get the assistance you need to solve any technical concerns you may have. We will provide direct and personalised assistance, offering the support necessary to resolve any issues with installing or setting up any of our products. Email us at [info@elnur.co.uk](mailto:info@elnur.co.uk)



## Quality

Elnur is fully committed to quality. We therefore have complete control over every manufacturing process in the company. Some of our international certifications are:



ISO 9001

ISO 9001:2015 Quality Control Management System, which certifies the implementation and maintenance of the system through a cycle of continuous improvement in the performance of its procedures in all areas of the company, with the aim of achieving greater customer satisfaction.



ISO 14001

ISO 14001:2015 Environmental Management System, which guarantees that our procedures are developed in accordance with environmental care and respect throughout the production process, from the initial design to the final stages of manufacturing.

## Sustainability

The world is waking up to the need to take better care of the environment, as well as the concept of manufacturing in compliance with environmental protection standards.

Elnur is totally committed to working and manufacturing in accordance with the appropriate certification under the Environmental Management System.

Which guarantees environmental care and respect under the parameters established in the ISO 14001 standard.

Not only do we wish to minimise the negative impact on our ecosystem, we also continuously strive to improve and produce increasingly advanced and efficient products with minimum energy consumption.

Our ranges do not produce gases or fumes, nor do they directly emit any pollutants to the environment when operating. They can be used with renewable energy sources coming from natural resources such as sun or wind.

Please join us in reducing the carbon footprint, and together we can combat its negative impact.

# ELNUR

Sustainable Electric heating for tomorrow's world

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