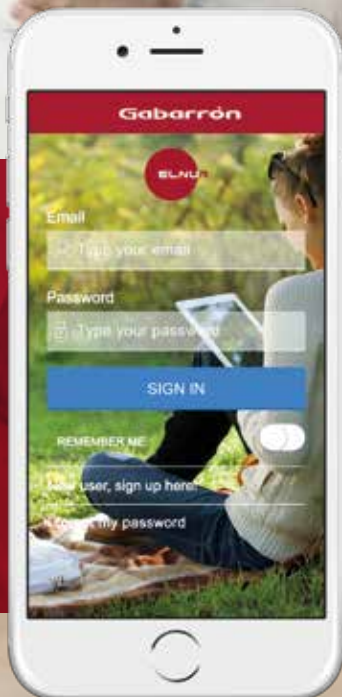




ELNUR



ELNUR CONNECTED

The Smart way to control
your electric heating

Storage Heaters - Electric Radiators - Panel Heaters - Towel Rails - Electric Boilers - Water Heaters

WIRELESS CONNECTIVITY IN THE HOME

SMARTPHONE & TABLET CONTROL AT & AWAY FROM HOME

ADJUST PROGRAMMING & TEMPERATURE TO SUIT YOUR LIFESTYLE

Gabarrón
Manufacturing Excellence

About us

ELNUR was founded in 1973 and since then, we have established ourselves as one of the leading European providers of the most efficient heating system in the world: electric heating.

With facilities spanning over 20,000 m², an extensive general and technical team and a complete range of products developed to meet the highest expectations of our customers at ELNUR we provide you with the most efficient heating solutions in an ever-changing world.

ELNUR at their premises has total control over the production process:

Our metal working stations with the latest technology, gives us the control and the opportunity to get the best quality from every single component.

The fully automated electrostatic powder coating station, guarantees a perfect finish of our products, fully resistant to aging and corrosion.

Five assembly lines assure a year-round service of more than 150.000 thermal inertia radiators, 40.000 storage heaters and 30.000 convectors and other electric heating devices.

ELNUR customer service is a must in our continuous improvement approach:

One of our foundations is our capability to deliver final goods. We keep a minimum of 3 months stock; this allows us to distribute our products to any part of the world in less than 48 hours.

Another foundation is the proximity to our customers. Our work in training and customer qualification, as well as ELNUR after-sales service is essential to maintain this high product and service standard in the market.

40 years on, we maintain the same enthusiasm and commitment to offering a wide range of unique products which can cater for the varying needs of our customers, wherever in the world they may be.

With a commercial presence in more than 35 countries, and a strong exclusive distribution network in 15 of these, we have gained a presence in thousands of homes, always offering the best solution in electric heating.

Our greatest wish is for our customers to have the luxury of experiencing excellence by using our GABARRÓN range of products, which are guaranteed to bring real warmth and comfort to your home.



“Let us invite you to meet ELNUR and experience the values and benefits that our GABARRÓN products will bring to your life.”

04 Wifi Controls

08 Electric Heating Solutions

08 Connected Storage Heaters

12 Connected Electric Radiators

18 Connected Towel Rails

22 Connected Panel Heaters

26 Connected Modulating Boilers

34 Unvented Water Heater Solutions

39 Contact

ELNUR CONNECTED

THE SMART WAY TO CONTROL YOUR HEATING



WIFI CONTROLS

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Manufacturing Excellence

“For flexibility and control, Elnur Connected will provide you with all of the features and benefits that you need to improve comfort levels and efficiency, both at and when away from the home.”

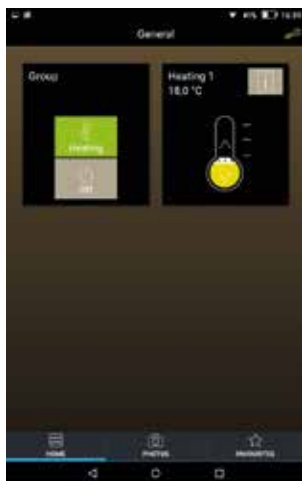


ELNUR CONNECTED

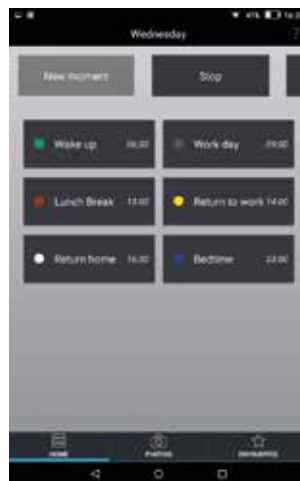
Elnur Connected revolutionises the control of electric heating systems

Easy to install and set up, the Elnur Connected control system can be operated in the home or from wherever you are by using the purpose designed App on your Smartphone or Tablet.

This **SmartLife Technology** is the perfect solution for ultimate home heating efficiency and an ideal choice for houses, apartments, holiday homes and weekend cottages as well as offices, commercial properties and public meeting / community halls.



Simply use your finger to adjust the temperature up or down to your desired level.



Overview your heating schedule at a glance.



Set and adjust programming with ease and simplicity.

ELNUR CONNECTED

THE SMART WAY TO CONTROL YOUR HEATING



The world's first range of multiple electric heating appliances controllable from a single app using a smartphone or tablet.



Fan Assisted Storage Heaters
Dry technology Electric Radiators
Thermal Fluid Filled Electric Radiators
Chrome Plated & White Electric Towel Rails
Hot Water Cylinders
Panel Heaters
Electric Boilers



“SmartLife Technology guarantees your Elnur Connected heating system will provide ease of control wherever you are.”



How does Elnur Connected Work?

The Elnur Connected range is designed to provide the optimum internal wireless signal strength and also to enable “base” operation even if the broadband service within the property is offline.

Gateway



The Elnur Connected Gateway is the beating heart of every system and creates a strong internal property Wi-Fi network in conjunction with room/zone thermostats and appliance receivers.

This Gateway is directly connected to your home broadband router to ensure the very best connection to your broadband.

Zone Thermostat



The Elnur Connected, Wireless Room/Zone Thermostat “pairs” directly to the heater receiver and provides a home user interface to offer the occupants wireless central control within the property.

When the “Gateway” is also paired and operational, the user can easily set up and adjust programming for time and temperature from anywhere using their Smartphone or Tablet. When used without the “Gateway”, this enables the client to provide a wireless control system without internet access.

Programmable Room Thermostat



The Elnur Connected Programmable Room Thermostat is automatically supplied with one of our “Boiler Thermostat” packs and can also be purchased separately to provide an optional home user interface instead of the Wireless Room/Zone Thermostat.

Versatility

To provide optimum versatility, the Elnur Connected range caters for all client types from electricians to homeowners to house-builders. Every Elnur Connected appliance is automatically provided with a receiver to communicate with the various options available.

The client can then choose how they want to control their system:

1. Internal wireless control without internet access.
2. Internal wireless control with internet access.

Even if the “without internet access” option is chosen, this can be added at a later date, and is of particular benefit to house-builders by providing central control as standard, with an upgrade option to buyers if required.

ELNUR CONNECTED

THE SMART WAY TO CONTROL YOUR HEATING



Fan Assisted Storage Heaters

Gabarrón
Manufacturing Excellence

“With the advent of the Elnur Connected fan assisted storage heater, a new age has dawned for electric heating.”



ELNUR CONNECTED

Elnur Connected - The Ultimate Fan Assisted Dynamic Storage Heater

Elnur are proud to offer the UK market the first internet connected fan assisted storage heaters.

Designed to store heat overnight using off-peak electricity, the heater will then emit heat quickly into the room when activated by the time and temperature settings defined by the user.

Gone are the days of continually adjusting a heater's output settings or more commonly, forgetting to adjust them!

No more concerns about being too hot in the morning or too cold in the evening.

No more worries about wasting stored energy when no-one is at home.

The Elnur Connected fan assisted storage heaters are insulated to a far greater level than standard “static” storage heaters, resulting in far lower natural heat losses.

Because of these increased insulation levels, users will still enjoy the benefits of a room with a low level background heat,

that is now supported by increased levels of stored heat, which remains ready to be released on user demand.

With the advent of the Elnur Connected fan assisted storage heater, a new age has dawned for electric heating, with lower running costs compared to static storage heaters and ultimate control via the “App” from a Smartphone or Tablet.

With an Elnur Connected fan assisted storage heater, users can at last, truly appreciate the benefits of storage heating to their full potential.

- Uses off-peak electricity.
- High levels of insulation.
- Retains more heat than traditional static storage heaters.
- Provides low levels of background heat.



- Heat is released quickly into the room by the low speed silent fan for faster warmup times.
- Room thermostat allows for precise temperature control of each room.
- The Elnur Connected “App” provides ultimate control with programming and temperature adjustment available from a Smartphone or Tablet.



ADL RANGE

The Ultimate Fan Assisted Dynamic Storage Heater

The Elnur Fan Assisted Storage heater comes with a full 5 year, on-site parts & labour warranty for total peace of mind.

Technical features

Designed to use Off-Peak electricity.

Low speed silent fan to provide rapid heat transfer.

Efficient solution to obtain exactly the correct amount of heat as and when is required throughout day.

Hot air/fresh air mixer with thermostat for a homogenous air output.

Precise control over the released heat.

User adjustable charging thermostat with sensor tube.

Thermal safety cut out.

Safety thermostat with manual reset.

Class I insulation.

Connection to single or three phase power supplies.

Microtherm G 25 mm insulation.

Vermiculite and ceramic fibre insulations.

Front and side air chambers.

Powder coated RAL 9010 steel structure.

The UK's first internet connected, fan assisted storage heater - by Elnur, of course.

Each of the Connected range of fan assisted storage heaters come complete with a wall mountable wireless room thermostat and a heater receiver unit.

The room thermostat allows precise control of each individual rooms' temperature - a living room at 21°C, a bedroom at 18°C, etc. and activates the fan to rapidly emit heat from the appliance at the times you want and have set on the "App" from your Smartphone or Tablet.

MODEL		ECADL-2012	ECADL-3018	ECADL-4024	ECADL-5030 **
Output 230 V / 240 V	W	2000 / 2178	3000 / 3267	4000 / 4355	5000 / 5444
Accumulated energy	kWh	16	24	32	40
Length	cm	63	81	99	117
Width*	cm	24	24	24	24
Height	cm	66	66	66	66
Total weight	kg	117	167	215	265
Number of Blocks 7.5kg		12	18	24	30
Frequency	Hz	50	50	50	50
EAN		1495314122019	1495314123016	1495314124020	1495314125034

*Plus 2cm space from the wall
**Special Order



100% Safe

GABARRÓN storage heaters are a heating solution that, while providing heat 24 hours a day, avoids consuming fossil fuels such as diesel heating oil or gas. They have no fuel tanks or hydraulic circuits, and therefore there is no risk of leaks.

They can be used and operated with renewable energy sources coming from alternative resources such as sun or wind.

Furthermore, they neither emit CO₂ nor pollute the environment.

They are 100% safe. Each and every storage heater that we manufacture is rigorously tested to ensure its proper functioning and compliance with the strictest international requirements with regard to electrical safety.

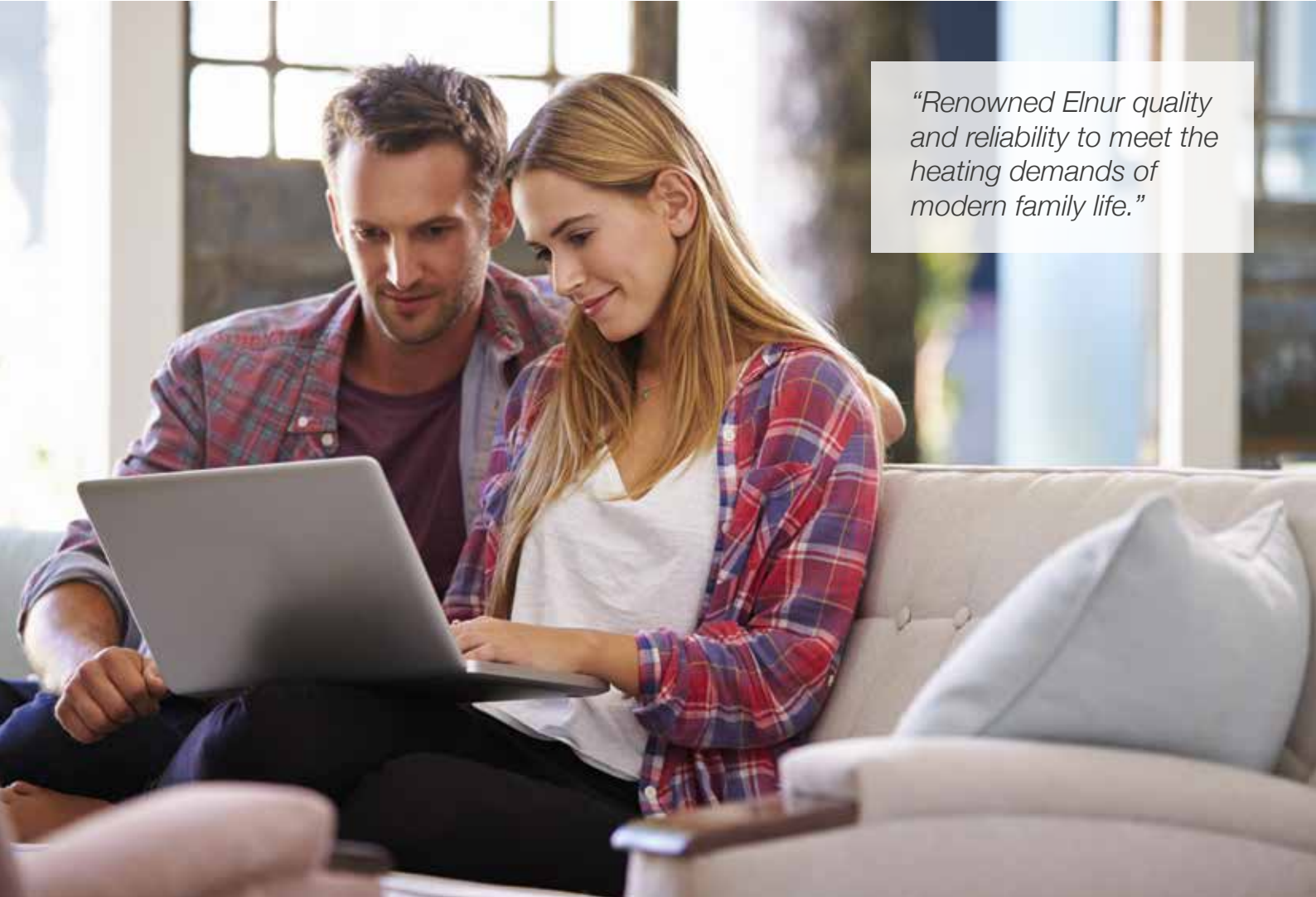
ELNUR CONNECTED

THE SMART WAY TO CONTROL YOUR HEATING



Designer Electric Radiators

Gabarrón
Manufacturing Excellence



“Renowned Elnur quality and reliability to meet the heating demands of modern family life.”

TECHNICAL DETAILS THAT MAKE THE DIFFERENCE

100% Efficiency

ELNUR's quest for continuous improvement has driven us over the years to invest in innovation and development to obtain maximum efficiency and performance in GABARRÓN products. As a result of these research efforts and use of the most advanced technology, we have achieved excellent performance in our products and perfect temperature management control.

The use of highly sensitive thermostats, raw materials and other high-quality components, together with exclusive design and configuration, is what defines the unique performances of GABARRÓN products, providing the comfort desired by the customer at minimum cost.

In the radiators that use EcoSeco patented technology, the interior is composed of a

heat transmitter specifically designed to disperse the heat evenly over the entire surface of the appliance.

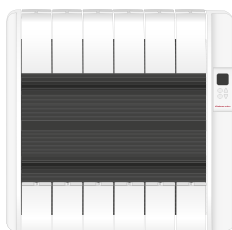
With radiators using Technology, thermal inertia is also achieved through the use of an injected aluminium structure with thermal fluid inside, specifically designed to disperse the heat over its entire surface.

In both technologies the heat transference to the room is perfectly distributed.

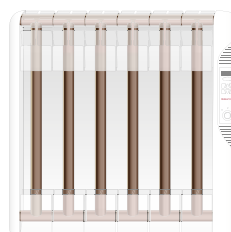
The THERMAL INERTIA is the quantity of heat that a body can keep and the speed of this body to transmit and absorb this heat. It will depend on its mass, materials and its conductivity.

The thermal inertia offered by GABARRÓN's radiators has allowed them to increase their efficiency due on the one hand to the heat that their body is able to store and on the other hand, the support of one of the two technologies used together providing a perfect calorific performance.

ecoSeco



ecofluid





RXP RANGE

*Oil Free Electric Radiator
Analogue control*



Technical features

Analogue temperature selector and mode controls.

Electronic Triac control optimizer ETCO.

Three-level temperature selector: Comfort, Economy and Frost-protection.

Built-in electronic ambient thermostat $\pm 0,1^{\circ}\text{C}$

On-Off switch built-in to front fascia.

Class I insulation.

Thermal safety cut out.

Ratings from 500 to 2000 W.

Fitted with mains cable.

Steel body with extruded aluminium front and upper panels finished in epoxy powder coating RAL 9010.

Patented safety wall fixing brackets for ease of installation.

The Elnur Connected RXP Range comes with a full 5 year electronics and 10 year body warranty for total peace of mind.



MODEL		ECRX4P	ECRX6P	ECRX8P	ECRX10P	ECRX12P	ECRX14P
Num. of modules		4	6	8	10	12	14
Length	cm	41.5	57.5	73.5	89.5	105.5	121.5
Depth*	cm	10	10	10	10	10	10
Height	cm	58	58	58	58	58	58
Weight	kg	8	11	13.5	16	19	22
Input	W	500	750	1000	1250	1500	2000
Voltage	V	220-240	220-240	220-240	220-240	220-240	220-240
Frequency	Hz	50-60	50-60	50-60	50-60	50-60	50-60
EAN 13		1449531823167	1449531823266	1449531823365	1495318231663	1495318231670	1495318231687

*Plus 2cm space from the wall

“Choose multi-zone control for ultimate flexibility & efficiency”.

ELNUR CONNECTED

Electric radiators designed for modern life

The RXP range of Elnur Connected electric radiators boasts the renowned reliability that is inherent in every single appliance we manufacture.

The EcoSeco technology at the heart of every RXP radiator is patented by Elnur and does not use any type of thermal fluid. Instead it generates heat via a primary heat transmitter, and the energy generated from this is captured by a secondary transmitter made of injected aluminium, which diffuses it.

The aluminium elements have an elegant design which intelligently increases the surface area over which the heat extends.

Natural air convection through the aluminium elements supplements the direct heat transmission from the surface to provide a perfect distribution of heat into the room.

Each of the Connected range of electric radiators come complete with a heater receiver unit.

To connect the system, each home will require one Elnur Connected Gateway to

provide assured and reliable connection to your home broadband.

To complete the system, a minimum of one Elnur Connected Room/Zone Thermostat will also be required, to allow for precise control of temperature.

Then, simply download the “App” to your Smartphone or Tablet, setup the system and programming and temperature control is at your fingertips wherever you are.

For greater flexibility and the capability to reduce energy consumption further, add additional Room/Zone thermostats to the system - one for living spaces and one for bedrooms or “multi-zone” with one in each room.

In comparison with other heating systems, such as convectors, Elnur electric radiators consume far less electricity, saving up to 40% in energy costs.



These savings are a result of their thermal inertia properties which are key to their construction as well as how quickly a comfortable temperature is reached because of their larger heat transfer surface area.

The RXP electric radiator, with its' elegant design and built-in quality automatically comes with 5 year electronics warranty & 10 year body warranty.



RFP RANGE

*Oil Filled Electric Radiator
Analogue control*



Technical features

Analogue temperature selector and mode controls.

Electronic Triac control optimizer ETCO.

Three-level temperature selector: Comfort, Economy and Frost-protection.

Built-in electronic ambient thermostat $\pm 0,1^{\circ}\text{C}$

On-Off switch built-in to front fascia.

Class I insulation.

Thermal safety cut out.

Ratings from 500 to 2000 W.

Fitted with mains cable.

Stylish aluminium body finished in epoxy powder coating RAL 9010.

Patented safety wall fixing brackets for ease of installation.



The Elnur Connected RFP Range comes with a full 5 year electronics and 10 year body warranty for total peace of mind.

MODEL		ECRF4P	ECRF6P	ECRF8P	ECRF10P	ECRF12P	ECRF14P
Num. of modules		4	6	8	10	12	14
Length	cm	41.5	57.5	73.5	89.5	105.5	121.5
Depth*	cm	10	10	10	10	10	10
Height	cm	58	58	58	58	58	58
Weight	kg	9.5	13	16.5	20	23.5	27
Input	W	500	750	1000	1250	1500	2000
Voltage	V	220-240	220-240	220-240	220-240	220-240	220-240
Frequency	Hz	50-60	50-60	50-60	50-60	50-60	50-60
EAN 13		1495318616408	1495318616606	1495318616804	1495318616101	1495318616125	1495318616149

*Plus 2cm space from the wall



“Every Elnur Connected system also enables the homeowner the option to control their existing hot water cylinder.”

ELNUR CONNECTED

Electric radiators designed for modern life

Every RFP radiator in the Elnur connected range benefits from our patented EcoFluid Technology which uses a thermal fluid specifically designed to provide a better and more rapid heat distribution over the entire surface of the appliance.

Elnur's emphasis on environmental awareness is reflected in the thermal fluid as it contains no carbonisable substances, it is not corrosive and its composition is very stable and neutral.

The ergonomic design of the Elnur Connected RFP radiator boasts a large surface area and directional top vents to ensure the optimum heat transfer into a room.

The RFP electric radiator comes with 5 year electronics warranty & 10 year body warranty.

Total Control

With the Elnur Connected range of electric radiators, users benefit from control flexibility that we believe to be unrivaled.

Not only does the Elnur Connected system offer secure and reliable connection to the home broadband, up to 10 separate heating zones and the capability for a total of 36 individual appliances but, every Elnur Connected system also enables the homeowner to control their existing hot water cylinder. By adding our Immersion Heater Pack, users can easily control the operational times of the hot water heating as well!

Each of the Connected range of electric radiators come complete with a heater receiver unit. To connect the system, each home will require one Elnur Connected Gateway to provide assured and reliable connection to the home broadband.

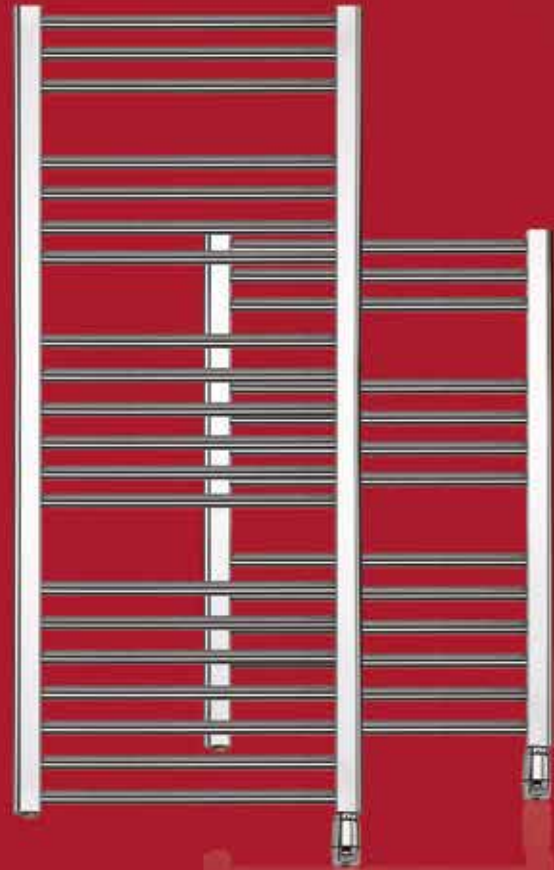
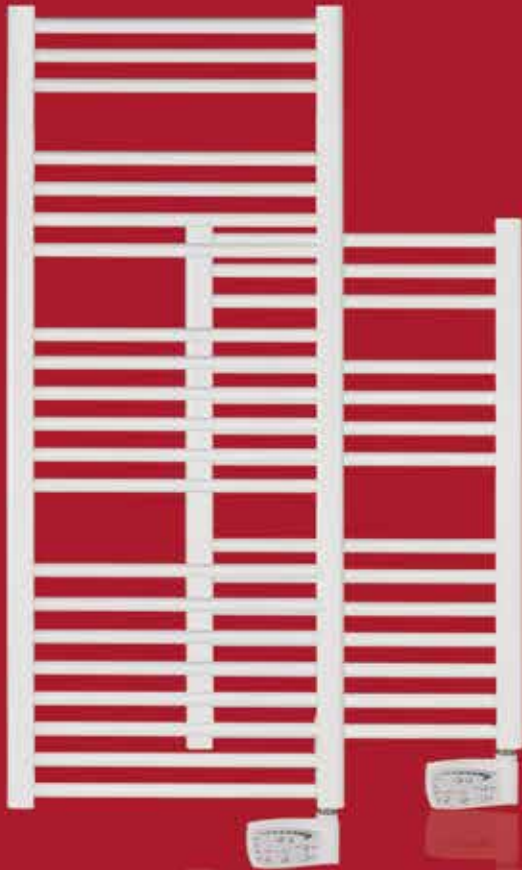
To complete the system, a minimum of one Elnur Connected Room/Zone Thermostat



will also be required, to allow for precise control of temperature. For greater flexibility and the capability to reduce energy consumption further, add additional Room/Zone thermostats to the system - one for living spaces and one for bedrooms or “multi-zone” with one in each room.

ELNUR CONNECTED

THE SMART WAY TO CONTROL YOUR HEATING



Towel Rail Radiators

Gabarrón
Manufacturing Excellence



ELNUR CONNECTED

Efficient towel rail radiators

The GABARRÓN range of electric towel rails and towel warmers has been designed to be the ideal way to add a touch of luxury and sophistication to bathrooms.

Their great versatility makes them the perfect solution, as they not only heat the room, but also reduce moisture and mildew using little space.

GABARRÓN electric towel rails are ideal to dry or warm up delicate garments or even to keep your towels warm, meaning you can enjoy the luxury of warm towels after a soothing bath or relaxing shower.

Design and functionality come together to provide warmth, comfort and convenience. Manufactured to the highest quality, they are an ideal solution offering the best features.

Our range of electric towel rails is available in various sizes, with different power capacities, and in different finishes making them suitable for almost any size and style of bathroom.

They are equipped with a high sensitivity electronic controller, which allows you to maintain a stable heat, guaranteeing warmth and low running costs.

No type of maintenance is needed and they are extremely easy to install.

They are the perfect addition to your central heating system and are 100% energy efficient.

Every Elnur Connected towel rail comes complete with a receiver to connect to the gateway.

To enhance the system, add a wireless room thermostat for additional control and flexibility.





TBBI & TBC

RANGES

Towel Heaters

The GABARRÓN towel rail range is the ideal elegant, yet functional addition to your bathroom. With chrome or white finishes and outputs from 150W to 900W, they are a practical and desirable addition to any home.

Perfect to dry delicate garments or make sure you have a warm towel waiting for when you get out of your shower or bath.

Electronic controls



TBC range



TBBI range

Technical features

Low density thermal fluid.

High sensitivity electronic thermostat.

Operating mode selector, including frost protection option (TBBI models).

Safety thermal cut out.

High safety wall brackets.

Supplied with 1.2 m mains cable.

TBBI models finished in white RAL 9010 epoxy.

TBC models finished in Chrome.

1 hour, 2 hour booster control and keypad lock in TBBI range.

IP44 protection, against dripping water and Class II insulation in TBBI range.

IP54 protection, against dripping water and Class I insulation in TBC range.

Also compatible with pilot wiring multi-zone central controller available as an accessory.

Manual temperature selector only in TBC-8 and TBC-12 versions.

TB / TC model do not include electronic control.

		RAL 9010 WHITE EPOXY FINISH				CHROME PLATED		
MODEL		ECTB-150	ECTBB-8i	ECTBB-12i	ECTBB-17i	ECTC-150	ECTBC-8	ECTBC-12
Input	W	150	300	600	900	150	300	500
Voltage	V	220-240	220-240	220-240	220-240	220-240	220-240	220-240
Frequency	Hz	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Dimensions	cm	87x50x8	87x50x8	128x50x8	129x60.5x5	87x50x8	87x50x8	128x50x8
Weight	kg	8.5	10	14	17.5	9	10	14
EAN 13		1495320215002	1495320289003	1495320212902	1495320217907	1495320315009	1495320382100	1495320312206

*Plus 2cm space from the wall

“With Elnur SmartLife Technology, your new Elnur Connected towel rail will always be within your control.”



ELNUR CONNECTED

THE SMART WAY TO CONTROL YOUR HEATING



Panel Heaters

Gabarrón
Manufacturing Excellence

“Elnur Connected Panel Heaters are a low cost solution for a 100% efficient, fully controllable heating system”



ELNUR CONNECTED

Panel Heaters

GABARRÓN wall-mounted convector heaters are a rapid solution for heating a room occasionally or for short periods of time during the day. Ideal for domestic use, they are also suitable for incorporation in offices and business premises.



They provide a natural circulation of air in the room. The cold air enters the appliance through the lower section and is heated inside it by means of finned aluminium heating elements, then the hot air is emitted

through the grille at the top and distributed evenly throughout the room.

These finned elements enable the heat to be dissipated into the room much more evenly than other conventional heating appliances.

Each of the Connected range of panel heaters come complete with a heater receiver unit. To connect the system, each home will require one Elnur Connected Gateway to provide assured and reliable connection to the home broadband.

To complete the system, a minimum of one Elnur Connected Room/Zone Thermostat will also be required, to allow for precise control of temperature. For greater flexibility

and the capability to reduce energy consumption further, add additional Room/Zone thermostats to the system - one for living spaces and one for bedrooms or “multi-zone” with one in each room.

Our convector heaters are the desired solution for many owners and designers, as they take up little space, quickly and efficiently reaching a comfortable and even temperature.



PHM RANGE

Panel Heater



The Elnur Connected, Wireless Room/ ZoneThermostat “pairs” directly to the heater receiver and provides a home user interface to offer the occupants wireless central control within the property. When the “Gateway” is also paired and operational, the user can easily set up and adjust programming for time and temperature from anywhere using their Smartphone or Tablet. When used without the “Gateway”, this enables the client to provide a wireless control system without internet access.

Technical features

Built-in ambient thermostat.

Frost protection mode.

Thermal safety cut out.

Switch indicator of consumption.

Class I insulation.

Protection IP2X.

Input from 750W to 2000W.

Powder coated RAL 9010 steel structure.

Fitted with 1,5m mains cable.

Unique wall fixing brackets included.

MODEL		ECPHM-075	ECPHM-125	ECPHM-150	ECPHM-200
Output	W	750	1250	1500	2000
Current	A	3.3	5.4	6.5	8.7
Voltage	V	230-240	220-240 V	220-240 V	220-240 V
Frequency	Hz	50-60	50-60	50-60	50-60
*Dimensions	cm	41x41x10.5	56x41x10.5	63x41x10.5	78x41x10.5
Net weight	kg	3.5	4	4.5	5.5
EAN 13		1495316813755	1495316813120	1495316813151	1495316813205

*2.5 cm space from wall.



*“Elnur Connected -
The power to control
your electric heating
and hot water both at
and away from home.”*

ELNUR CONNECTED

THE SMART WAY TO CONTROL YOUR HEATING



MATTIRA

Electric System and Combi Boilers

Gabarrón
Manufacturing Excellence



"Mattira offers you the best reliability, safety and comfortability in your home."

ELNUR CONNECTED

Mattira, one of the safest and most reliable electric boilers on the market

Mattira is the new electric boiler range to cover your Domestic Hot Water and Heating needs. Mattira is the ideal option when a totally safe and reliable efficient central heating system is required.

It is the perfect solution for properties with no access to a mains gas supply or homes which have gas boiler restrictions.

With this new range of digital electric boilers, GABARRÓN offers you the opportunity to enjoy the safety and convenience of electricity. Mattira is the ideal option when a totally safe, reliable and 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, taking into account not only the ambient temperature, but also the external temperature.

Mattira ensures the optimum comfort in your home, with the maximum running cost savings.

Elnur Connected is the perfect control system for your new Mattira boiler. Easy to install and set up, the Elnur Connected boiler control system can be operated in the home or from wherever you are by using the purpose designed App on your Smartphone or Tablet.

This SmartLife Technology is the perfect solution for ultimate home heating efficiency and an ideal choice for houses, apartments, holiday homes and weekend cottages as well as offices, commercial properties and public meeting / community halls.

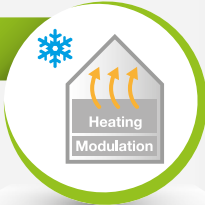
All Mattira electric boilers can be limited to any output between 3 and 12 kW on single



phase supplies and up to 15 kW on three-phase supplies.

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. This modulating feature of GABARRÓN electric boilers is managed by a Smart Electronic Modulating system (SEM system) which recalculates 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 & Easy Installation



Easy Installation

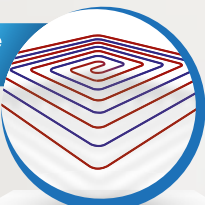
Gabarron Mattira electric boilers come fitted with all the components required to operate the unit, including a template for ease of installation. Installation is quick and easy and can usually be completed in a single day.



5 Years Guarantee

Your new Gabarron Mattira electric boiler from Elnur is warranted against faulty materials and manufacture defects. This warranty will give you total peace of mind and protection. Full terms and conditions of the warranty are detailed in the manual supplied with the boiler which can also be downloaded from our website - www.elnur.co.uk. The internal unvented hot water cylinder is warranted against faulty materials and manufacture defects for a period of 5 years from the date of purchase. The remainder of components are warranted against faulty materials and manufacture defects for a period of 2 years.

Compatible Underfloor



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...

“Trying to decide on the best central heating for your home? Feel the perfect experience of comfortability with Mattira Modulating Electric Boilers, a safe and warm ambience in your home.”

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.



Digital Display

Mattira boasts an intuitive and user friendly digital display. The digital display constantly shows the temperature of the circulating heating water and of the domestic hot water tank (DHW) in combi boilers. Heating and DHW are independent modules, this means that we can turn off the heating and only keep the DHW or vice versa. In both displays the keyboard lock can be activated to avoid changes being made.



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.



ErP Compliant

The objective is to reduce adverse and greenhouse gas emissions to limit the environmental impacts throughout the life-cycle of a product, with emphasis placed on the design and development stages of a product with a view to improving its energy efficiency.



MAC MATTIRA COMBI

*Digital Modulating Electric Boiler,
for heating and domestic hot water*



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 - INCOLOY800 for heating and DHW.

6L heating expansion vessel.

2L DHW expansion vessel.

Pressure gauge 0-4 bar.

Circulating pump.

Auto air vent.

Silent TRIAC power switches.

Auto Heating Regulation Mode.

Heating flow detector.

Heating temperature limiter 100°C.

DHW temperature limiter 80°C.

Heating pressure relief valve 3 bar.

DHW pressure relief valve 7 bar.

DHW anti-electrolysis hoses.

Powder coated RAL 9010.

Wall bracket steel template to set up connections easily.

Compatible with Ambient Thermostats TA4D, CTP10, X3D and the Elnur Connected range of internet thermostats, all available as accessories.

Also suitable for use with under floor heating.

MODEL	MAC15												
Selectable output	kW	3	4	5	6	7	8	9	10	11	12	13	15
kcal/h	kcal/h	2580	3440	4300	5160	6020	6880	7740	8600	9460	10320	11180	12900
Current 3x400 V+N~	L1 A	13.0	0	8.7	8.7	8.7	13.0	13.0	13.0	21.7	8.7	21.7	21.7
	L2 A	0	8.7	13.0	8.7	13.0	8.7	13.0	8.7	13.0	21.7	21.7	21.7
	L3 A	0	8.7	0	8.7	8.7	13.0	13.0	21.7	13.0	21.7	13.0	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
**DHW Recovery time	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"

*Using included bridge connection.

** Recovery time in minutes to heat DHW from cold to 55°C.

MODEL	MAC15	
Voltage	V	3x400 V+N / 220-240
Frequency	Hz	50-60
Insulation		Class I
Net Weight	kg	61
EAN 13		8432336804663



MAS

MATTIRA SYSTEM

*Digital Modulating Electric Boiler,
Heating Only*

Technical features

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 - INCOLOY 800.

6L heating expansion vessel.

Modulating electronic control of the heater.

Auto Heating Regulation Mode.

Pressure gauge 0-4 bar.

Circulating pump.

Auto air vent.

Silent TRIAC power switches.

Heating flow detector.

Heating temperature limiter 100 °C.

Heating 3 bar relief valve.

Also suitable for use with under floor heating.

Powder coated RAL 9010.

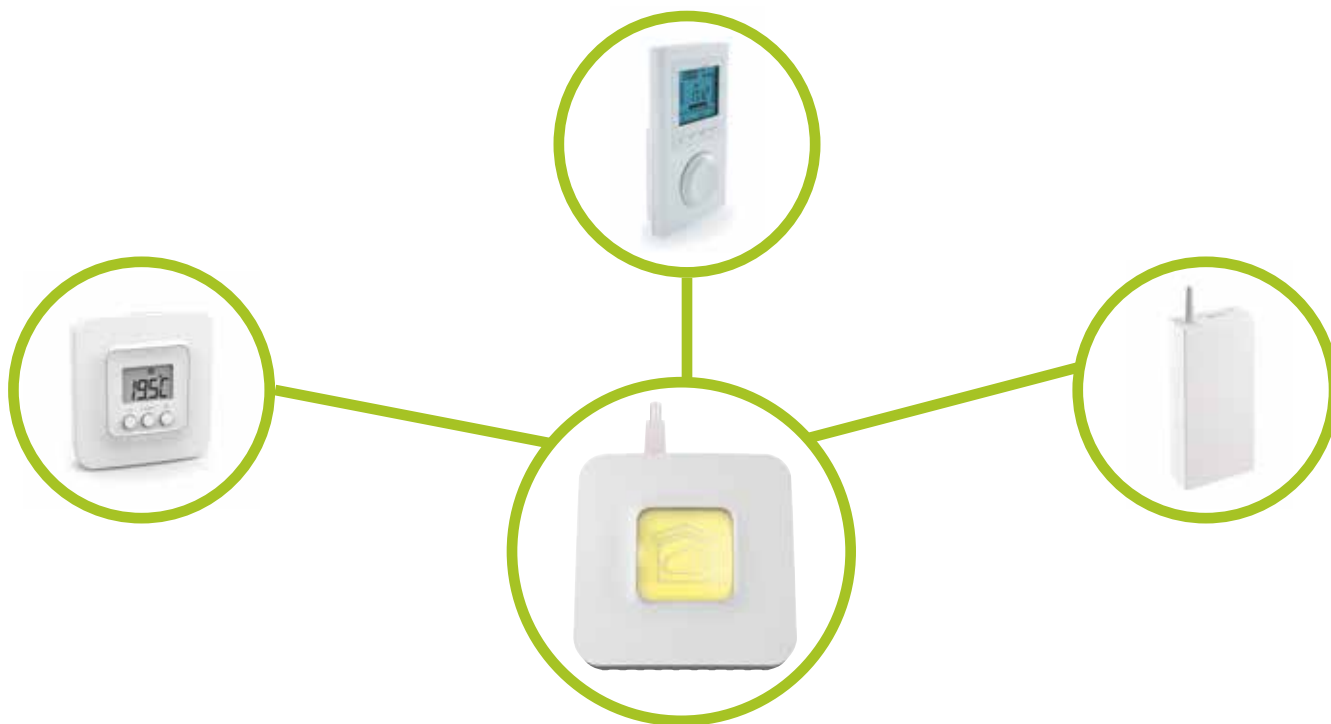
Wall bracket steel template to set up connections easily.

Compatible with Ambient Thermostats TA4D, CTP10, X3D and the Elnur Connected range of internet thermostats, all available as accessories.

MODEL		MAS15											
Selectable output	kW	3	4	5	6	7	8	9	10	11	12	13	15
kcal/h	kcal/h	2580	3440	4300	5160	6020	6880	7740	8600	9460	10320	11180	12900
Current 3x400 V+N~	L1 A	13.0	0	8.7	8.7	8.7	13.0	13.0	13.0	21.7	8.7	21.7	21.7
	L2 A	0	8.7	13.0	8.7	13.0	8.7	13.0	8.7	13.0	21.7	21.7	21.7
	L3 A	0	8.7	0	8.7	8.7	13.0	13.0	21.7	13.0	21.7	13.0	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

*Using included bridge connection.

MODEL		MAS15
Voltage	V	3x400 V+N / 220-240
Frequency	Hz	50-60
Insulation		Class I
Net Weight	kg	29.5
EAN 13		8432336804700



ELNUR CONNECTED SYSTEM

THE SMART WAY TO CONTROL YOUR HEATING

The Elnur Connected Gateway is the beating heart of the Elnur Connected system and creates a strong internal home Wi-Fi network to control your heating system even if your internet service is down.

Programmable Room Stat Pack



For heating only applications, the programmable room thermostat pack provides the best mix of traditional control and up to the minute Wi-Fi connectivity.

The fully featured programmable stat allows the user set up and adjustment of their system within the home.

By wirelessly connecting to the Gateway and the Boiler Link, the programmable stat will make any adjustments to the system operation that the user desires.

With the added benefit of Elnur's SmartLife Technology, control of the programmable thermostat can now be added to your Smartphone or Tablet. Simply download the FREE "App", setup the system and control is at your fingertips, wherever you are.

Room Stat Pack



For heating only applications, the room thermostat pack offers the homeowner the capability of simple home control with the addition of on-the-go connectivity via a Smartphone or Tablet.

Programming of your system is provided on the Elnur Connected "App" where our Smartlife Technology allows up to 6 different time and temperature settings for each and every day.

For ultimate efficiency of your home heating system, why not add extra room stats to create a bespoke multi-zone system.

With the capability of connecting up to 16 zones, users can opt from a simple single zone to a two zone system for living spaces and bedrooms to a multi-zone system for every room.

S-Plan Pack



Designed for systems controlling central heating and hot water via an indirect cylinder.

The room thermostat provides simple home control over the central heating system and on-the-go connectivity via a Smartphone or Tablet.

The Cylinder Stat Link will connect to any standard cylinder thermostat and allow control of times that your boiler heats the hot water cylinder.

Programming of both heating and hot water is provided on the Elnur Connected "App" where our Smartlife Technology allows up to 6 different daily time and temperature settings for heating and up to six on/off periods per day for hot water heating. Multi-zone options can also be created.

“SmartLife Technology guarantees your Elnur Connected heating system will provide ease of control wherever you are.”



MODEL	REFERENCE	CONTENTS
Programmable Room Stat Pack	ECPACK1	Programmable Room Stat, Gateway & Boiler Link
Room Stat Pack	ECPACK2	Room Stat, Gateway & Boiler Link
“S-Plan” Pack	ECPACK3	Room Stat, Gateway, Boiler Link & Cylinder Stat Link
Add-on Room Stat Pack	ECPACK4	Room Stat & Boiler Link
Add-on Immersion Heater Pack	ECPACK5	Immersion Link

UNVENTED WATER CYLINDERS

DIRECT AND INDIRECT



MATTIRA STORAGE

Gabarrón
Manufacturing Excellence

“Properties with a high hot water demand are better suited to an indirect cylinder in conjunction with a Mattira System Boiler.”



Main features and benefits

The **ELNUR** name is synonymous with a family of space and water heating products that lead the field in terms of innovation and quality. We are respected for our industry leading features and benefits and our high levels of reliability and service.

The **GABARRÓN** unvented cylinder is an unvented mains pressure store in Duplex stainless steel that establishes new criteria for quality, performance and life.

DISTINGUISHED ADVANTAGES

Providing powerful, mains-pressure performance, the GABARRÓN unvented water cylinder range incorporates high flow rate controls, ideal for multi bathroom homes where baths fill very quickly. There are Indirect and Direct patterns for gas/oil and electricity with model sizes from 90 litres to 300 litres in each pattern.

DUPLEX STAINLESS STEEL

The GABARRÓN water cylinder uses the very latest high specification Duplex to resist all forms of corrosion including crevice and stress whilst its high mechanical strength gives it durability.

The very latest automated welding procedures along with full post weld treatments guarantee welds that are as strong as the parent metal. GABARRÓN water cylinders are pressure tested in the factory to a full 12 bar which is four times the normal working pressure.

HEAT LOSS

All GABARRÓN unvented cylinders are manufactured using the very latest HCFC free EnviroFoam insulation. This has an Ozone Depletion Potential (ODP) of zero and an industry leading Global Warming Potential (GWP) of 0.7.

Tests show that the 50mm of EnviroFoam insulation injected into the case and covering both domes achieves astonishingly low levels of heat loss, which ensures it is fully compliant with 2010 Part L requirements for both new build and replacement cylinders.

CORRUGATED COIL

Elnur use a high heat transfer corrugated tube heat exchanger to give a 20% faster recovery than plain tube. It is also lighter and stronger than plain tube making the vessel the lightest and easiest to handle on site.

SERVICE AND GUARANTEE

Buying a good reputable product is critical – but it must be available when needed. Elnur hold all stock at our main UK warehouse and with our finely tuned distribution service, operate a next day delivery service to merchants for orders placed before 12pm.

The 25 year guarantee underlines the usual Elnur confidence in its own products.

The range of unvented cylinders are all manufactured using only the highest grade of stainless steel, making for strong and durable containers you can rely on.



An Elnur *indirect unvented hot water cylinder* is normally heated via the internal coil from an external heating source such as an Elnur System Boiler. In these instances, please use the Elnur Connected “S-Plan” pack which provides the user with on/off programming capability from their Smartphone or Tablet.



Indirect



Technical Specifications

INDIRECT UNVENTED CYLINDERS

GABARRÓN INDIRECT TECHNICAL SPECIFICATION

Description		IND90	IND120	IND150	IND180	IND210	IND250	IND300
Energy efficiency class		B	B	B	B	C	C	C
Height	mm	745	930	1120	1305	1495	1745	1992
Diameter	mm	550	550	550	550	550	550	550
Weight (empty)	kg	19	22	26	28	33	38	44
Weight (full)	kg	109	142	176	208	243	288	344
Capacity	litres	90	120	150	180	210	250	300
Pressure regulator	bar	3	3	3	3	3	3	3
Expansion vessel size	litres	12	12	18	18	24	24	35
kW rating of primary coil	kW	16.5	18.0	18.5	19.0	20.5	21.5	25.0
Recovery time after 70% draw off	min	16	19	19	21	26	30	32
Standing losses	kWhr/24hr	0.85	1.06	1.27	1.48	1.70	1.85	2.04

GABARRÓN INDIRECT MODEL SELECTION GUIDE

Maximum hot water demand	Maximum number of bed spaces (bedrooms)	Model
1 shower room	Bedsit (0)	IND90
1 bathroom	2 (2)	IND120
1 bathroom	4 (3)	IND120
1 bathroom & separate shower room	6 (4)	IND150
1 bathroom & 2 separate shower rooms or 2 bathrooms	7 (5)	IND180
2 bathrooms & separate shower room	7 (5)	IND210
2 bathrooms & 2 separate shower rooms	7 (5)	IND250
3 bathrooms & 2 separate shower rooms	9 (6)	IND300

“Mattira storage water cylinders comply with Building Regulations G3 and Water Regulations.”

An Elnur *direct unvented hot water cylinder* is heated by the installed immersion heaters. In these instances, please use one Elnur Connected “Add-on Immersion Heater Pack” for each immersion heater to be controlled which, provides the user with on/off programming capability from their Smartphone or Tablet.



Direct



DIRECT UNVENTED CYLINDERS

GABARRON DIRECT TECHNICAL SPECIFICATION

Description		D90	D120	D150	D180	D210	D250	D300
Energy efficiency class		D	D	D	D	D	D	D
Height	mm	745	930	1120	1305	1495	1745	1992
Diameter	mm	550	550	550	550	550	550	550
Weight (empty)	kg	13	18	22	24	28	32	37
Weight (full)	kg	103	138	172	204	238	282	337
Capacity	litres	90	120	150	180	210	250	300
Pressure regulator	bar	3	3	3	3	3	3	3
Expansion vessel size	litres	12	12	18	18	24	24	35
kW rating of primary coil	kW	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Recovery time after 70% draw off	min	58	90	121	157	192	224	263
Standing losses	kWhr/24hr	0.85	1.06	1.27	1.48	1.70	1.85	2.04

GABARRON DIRECT MODEL SELECTION GUIDE

Maximum hot water demand	Maximum number of bed spaces (bedrooms)	Model
1 shower room	Bedsit (0)	D120
1 bathroom	2 (2)	D150
1 bathroom	4 (3)	D180
1 bathroom & separate shower room	6 (4)	D210
1 bathroom & 2 separate shower rooms or 2 bathrooms	7 (5)	D210
2 bathrooms & separate shower room	7 (5)	D250
2 bathrooms & 2 separate shower rooms	7 (5)	D300

*“Rely on Elnur Connected
for total peace of mind.”*



Gabarrón
Manufacturing Excellence

Customer Service

The same level of demand, dedication and commitment that we offer with our products is also reflected in our customer service: personalised assistance, continuous monitoring, technical advice, project management, professional after-sales technical support...

A product manufactured in accordance with the highest level of quality performance, deserves to be complemented by excellent service.

PROJECT MANAGEMENT

We know that many concerns may arise when it comes to evaluating your project requirements. Our Projects Department will advise you on each of the areas of your project and will offer you the best solution, taking into account potential options so that you can suggest a number of different alternatives to the end customer. Please contact us at projects@elnur.co.uk

PROFESSIONAL ADVICE

In this department you can get the assistance you need in order 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 advice@elnur.co.uk

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. And this customer service 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. Do contact us at technical@elnur.co.uk

CONTINUOUS TRAINING ON "Install-E Training Centres"

In line with our commitment to customers and end users, we cannot ignore the fact that professionals, need support in order to gain a complete knowledge base with regard to GABARRÓN product ranges and to the potential technical solutions that they may require for the different systems.

At ELNUR, all departments are customer-focused, offering quick and efficient solutions to any problems that may arise.

Any member of the team will be able to help you and deal with your request as quickly as possible keeping you informed at all times.

If you have any queries, please email us at info@elnur.co.uk or call us to the following telephone number 01942 670119.

For this reason, we have developed a complete Training Program which includes technical training courses for each of our product ranges. These courses are taught by our best experts. Their ultimate aim is to help professionals in their daily work and for them to become more familiar with the significant advantages of installing GABARRÓN products.

To register your interest in becoming an "Authorised Installer", please contact our Tradeteam who will inform you about upcoming Mattira products Training.

If you are installer, please contact us at tradeteam@elnur.co.uk.

QUALITY

ELNUR is fully committed to quality. We therefore have complete control over the whole manufacturing processes in the company.



ISO 9001 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 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.



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