



IntelliHeat

Advanced Heating Solutions

Efficiency - Control - Comfort - Elegance



THE EXPERTS IN ELECTRIC HEATING SOLUTIONS

AWARDS



STANDARDS & ACCREDITATION



BRITISH STANDARDS

All IntelliHeat products comply to building reg part L, Eco-design legislation and the following British standards:

EN60335-1 / EN60335-2-30 & 2-43 / EN60675



All IntelliHeat products are ClassII insulated. This means the radiators are double insulated i.e. ClassII.

Look for this symbol on any radiator you are considering putting in your home.



Acoustic and Visual signal requirements to ensure a suitable audio and visual signal is produced by the product when switching On & Off. This procedure is designed to improve energy efficiency by maximising user awareness, and facilitating product use for the visually impaired, or hard of hearing.

15 YEARS OF INNOVATION

IntelliHeat has been delivering superior quality, stylish and ultra-efficient heating systems across the UK for the last 14 years. Over this time we have continuously developed ever improving thermodynamic radiator systems and future proofed control systems which now include full smart phone app-based home automation.

Since our inception our aim has always been to maximise energy efficiency to both reduce fuel costs and deliver a more environmentally friendly heating solution, our products are unique on the UK market, manufactured and tested to the highest standards, every heater from every range is designed to deliver efficiency, control, comfort and elegance to its user!

Whatever product you may be interested in, our expertise, advice and after sales care you will receive from IntelliHeat will be second to none. We pride ourselves on matching the excellence of our products to the professionalism of our advisers!

We only provide the highest quality products, manufactured from start to finish in a controlled environment at our manufacturing plants based in Italy and France

This approach ensures that every advanced electric heater we supply has been rigorously tested to ensure both efficiency and quality. It is this approach that has enabled us to continuously deliver market leading levels of customer satisfaction.

A PRODUCT LIKE NO OTHER

 EFFICIENCY

 CONTROL

 COMFORT

 ELEGANCE



Be Innovative
Be Smart



EFFICIENCY

- THE TECHNOLOGY
- INTERNET OF THINGS
- THE SAVINGS

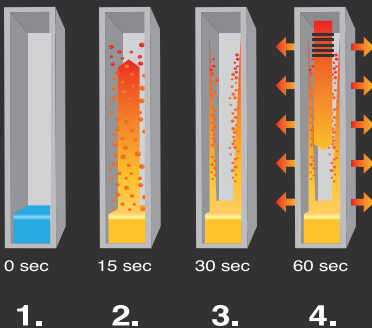
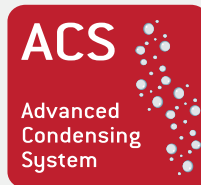
Intelliheat ranges combine the most advanced technological features with elegant design.

All our radiators are designed to be thermo-efficient and incorporate advanced technology to ensure a highly energy-efficient performance, thus ensuring a low consumption of energy

A RELIABLE TECHNOLOGY THAT COMBINES PERFORMANCE AND ENERGY SAVINGS

An innovative, two-phase heat transfer system that enables you to :

- ▶ Recover the energy already produced by evaporation
- ▶ Obtain a much more rapid rise in temperature



1. A small quantity of ACS fluid embedded in the core of the system is heated up from the electric heater placed at the bottom.

2. Within the first 15 sec the fluid evaporates and expands inside the radiator body at very high speed.

3. The evaporated fluid creates immediately a thin layer of condensation as it comes in contact with the inner surface of the radiator.

4. During the condensing process the heat is transferred to the body and released to the room through an even temperature distribution on the heating body. The condensed fluid is collected at the bottom to restart a new ACS® cycle.

THE TECHNOLOGY WITHIN EVERY INTELLIHEAT RADIATOR:

Each one of our heating units is built with high grade aluminium to maximise conductivity and filled with our patented thermodynamic fluid which has been tested in controlled environments to deliver optimal heat transference.

All our ranges are designed according to strict specifications, the structure of every radiator is calculated to deliver maximum levels of heat radiation and deliver natural convection within the allocated heating space, ensuring that the heat is transferred in the most efficient and comfortable way directly to the occupants of the room to provide the perfect heat distribution.

Every IntelliHeat radiator is further equipped with an advanced Class II double insulated heating element which rapidly absorbs energy to heat up within seconds and then slowly release the energy into the fluid to deliver heat with minimal energy consumption.

Each design feature complements one another to deliver perfect thermal conduct guaranteeing minimal energy consumption for maximum comfort.

All these design features work in perfect harmony with the beating heart and brain of the heating unit. The built in Triac energy regulator which calculates exact energy draw requirements to maintain a constant temperature, and the internal IntelliHeat smart thermostat which is accurate to within 0.1°.



MAXIMUM COMFORT FOR MINIMUM ENERGY



ENERGY CONSUMPTION UP TO -25%



TIME TO SET-POINT +1.5% SPEED

IOT - INTERNET OF THINGS HEATING SYSTEMS FOR THE DIGITAL AGE!

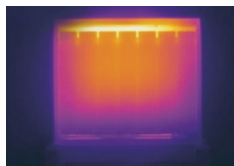
IntelliHeat have been studying the IoT concept for a number of years now to understand how best to integrate this connectivity revolution into the most energy thirsty devices in our homes and offices, the heating systems!

Is this concept of a smart radiator which we are now able to offer. By combining the latest and most advanced technologies, our smart range works with the user to optimise settings and temperature. This means our “smart radiators” are able to detect when the room is in use and when the heating is set to be on. They will therefore understand the user’s lifestyle and recommend programming optimisations, continuously reducing any energy wastage by only heating the areas which are in use.

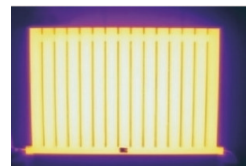
EVEN SPREAD OF TEMPERATURE

The thermal images below show how even the temperature is across the entire surface of the IntelliHeat unit, whilst the competitors product has a 46°C temperature variance between the hottest and coldest points. This even temperature ensures control and comfort. IntelliHeat systems favour optimum circulation and quickly diffuses heat on the entire surface of the radiator, contributing to the permanent “hot point” effect.

COMPETITOR PRODUCT



INTELLIHEAT



CONTROL

- LCD THERMOSTATS
- IPILOT
- MYSENSE APP

Imagine advanced technological features, the Italian aesthetics and the specific heating requirements of rooms individually programmed. From LCD thermostats to the latest mysense app, IntelliHeat designer electric radiators effortlessly provide the perfect combination of performance and economy

Unlike most gas,oil or alternative electric heating systems, each IntelliHeat radiator comes with a built in LCD thermostat programmer accurate to within 0.1°, this enables them to to be individually programmed to follow an exact hourly, daily and weekly heating regime. This in-depth programmability gives users full control over when and where to draw heat, ensuring full comfort and maximum efficiency throughout the property.

LCD BUILT IN PROGRAMMER

Our colour LCD built in programmer allows the users to adjust the temperature according to their living comfort. It boasts the most advanced technologies, with a temperature accuracy of 0.1.



ZONING

IntelliHeat offers a range of central control systems to enable users to zone their heaters individually or in groups from the LCD control side panel or via Wi-Fi.

WI-FI CONTROL

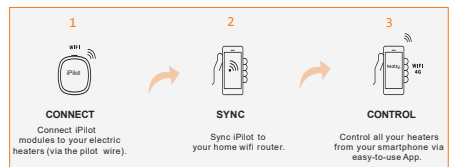


MySense Link

Thanks to the pilot wire version of MySense Link, you can change the whole of heating appliances with 4 or 6-order pilot wire. Thanks to the relay version of MySense Link, you can connect and control products such as hot water tank, ventilation, lighting... The new innovative features will help you save energy and lower your heating and electricity bills. Connect directly to the Internet through your router, without any other accessory.



iPilot is a discreet connected module that easily upgrades your electric heaters. Take control over your heaters from anywhere, via your smartphone or any mobile device. Create weekly schedules and save energy without needing to change your products.





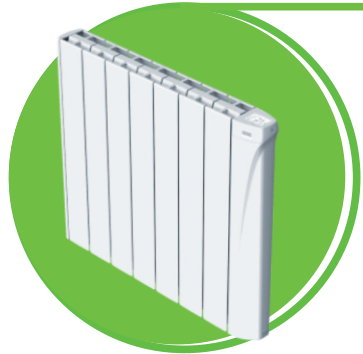
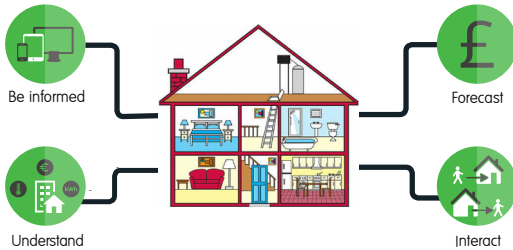
Intuitive, ergonomic & auto adaptive

MySense app controls your home, remotely manages your electric heating with guaranteed comfort, monitors your budget, understands and forecasts for a perfect control

Whatever your profile: End users, Social and private Landlords, Housing Associations, Builders and Architects, MySense app is a single interface which self-adapts to meet all users' needs.

the intelligence of MySense software is distributed and locally integrated in each product of our home and is always guaranteed even without internet connection. The constant updating of the server guarantees the highest level of security and a perfect adaptability to future technology.

A single revolutionary interface!



Responsive interface
Adjustable to all screen sizes,
smartphones, tablets and
PC compatible



COMFORT

- DIRECT HEAT
- COMFORTABLE HEAT
- TOTAL ACCURACY
- SIMPLE INSTALLATION

Through perfect precision all IntelliHeat systems deliver exactly the right heat load where and when you need it, giving you both excellent efficiency and complete user comfort.



DIRECT HEAT TRANSFER

IntelliHeat systems are designed to deliver maximal comfort for minimal energy consumption, this is achieved thanks to our unique patented thermodynamic fluid which expands within seconds to deliver a 100% hot point effect across the entire surface of the radiator. This ensures the unit will begin heating the area within 60 seconds of activation. Heat is then maintained across the unit whilst energy consumption drops and even stops at times, thanks to our Tungsten heating elements.

COMFORTABLE HEAT

Through a perfect combination of natural convection and radiant heat distribution our products minimise air flow through the heating area, this in turn prevents dust from circulating on the heated air, and minimises mould build-ups. The heat you will receive from our products is a comfortable non-dry natural feeling that will remind you of clean summer air.



COMFORTABLE AND SAFE

Our systems are designed to ensure maximum comfort with full user safety. Each IntelliHeat unit has a maximum surface temperature of 60° which prevents thermal burn to skin. This means our systems are ideal for vulnerable individuals and children.

TOTAL ACCURACY

Our state of the art thermostats comply with the requirements of the LCIE NF Performance specifications which states that the electric heater be regulated by a so-called PID regulation: Proportional Integral Derivative. This regulation has been the subject of a very fine adjustment in a bi-climatic chamber specific to the product and adapted to each power. As a result, our thermostats benefit from a performance in regulation 2 to 3 times better than the current most demanding standard

SIMPLE INSTALLATION

All our systems require only a simple installation, with no need for piping or major works the installation is quick, easy and cost efficient! Delivering the comfort of a brand new ultra-efficient comfortable heating system in a single day!



ELEGANCE

- MATERIALS
- COLOURS
- ITALIAN AND FRENCH FLAIR
- CREATIVE RADIATORS

By combining flair and functionality, IntelliHeat delivers outstanding efficiency and amazing comfort, whilst bringing a touch of elegance to every room.

MATERIALS

All IntelliHeat and Needo ranges are made of 100% high grade aluminium. Creative Radiators products are all made of 100% recycled marble. The ultimate in quality and sustainability!

COLOURS

Our Needo and Creative Radiators ranges come in different styles to suit every interior, design your heating system to become a design feature within your home!

ITALIAN AND FRENCH FLAIR

All our ranges are designed by Italian professional design teams, and manufactured according to stringent French quality control (NF performance)! Imagine a Ferrari with the “savoir faire” of a French champagne and you will understand why IntelliHeat is the only thermodynamic electric heating system which is as elegant as it is excellent!

BESPOKE DESIGNS

Should you find that your project requires a bespoke solution tailored specifically to suit the character of your home, then look no further than Creative Radiators! Our systems can be manufactured exactly according to your own specification!



THE RIGHT PRODUCT FOR EVERY CLIENT





EFFICIENCY



CONTROL



COMFORT



ELEGANCE

With a wide range of excellent heating products we are confident of delivering exactly what you need to suit your budget, your tastes and your property type.



Meet the Family...

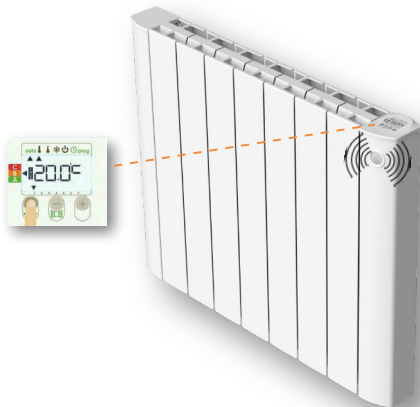
CAL I S E N S E

A slim classically stylish ergonomic design to suit any interior, the Cali Sense ensures a perfect combination of performance and economy.

Compliant with the latest Eco Design Lot 20 legislation, the Cali sense boosts the most advanced technologies, control abilities and design, substantially lower operating costs while creating a perfect balance between temperature and comfort.

The EcoSense technology incorporates state of the art PIR sensors to detect room by room occupation. Unoccupied rooms will automatically reduce their temperature to save energy.

Packed with state of the art features like real time energy consumption indication, occupancy detection and pin code locking, the Cali Sense is the perfect choice for private, commercial and rented properties.



I S E N S E

Gentle warmth, performance and energy savings thanks to smart features of the EcoSense technology

The iSense is smart but functional, with the white back-lit touch screen display, programming is simple ensuring clear visibility .

Smart functions work with the user to optimise their heating schedule by suggesting modifications to the room specific programs tailored according to when are detected to be in use.

With a combination of style, innovation and the latest technologies designed for your comfort, the new iSense will enable you to effortlessly achieve savings on your energy consumption and propel your electric heating system into the digital age!



REAL-TIME ENERGY USE FEEDBACK



VISUAL POWER DISPLAY



ADVANCED START-UP CONTROL



NOVO

With a unique, innovative style, soft lines, and rounded corners, NOVO fits perfectly in all styles of home or commercial premises.

The Vertical version is sure to inspire your creativity. The radiant heat uniformly emitted makes not just an efficient radiant heater, but also a furnishing feature.

Classically stylish ergonomic design to suit any interior NOVO ensures a perfect combination of performance and economy with evenly diffused warmth providing maximum comfort.

High emission surface distributes heat throughout the room and preserves the quality of the air giving a nice warm feeling.

The intuitive controls with their white back-lit display are simple to use and easy to read

Featuring the latest technology, NOVO is ideal for both private and rented accommodation, as well as for projects where budget is important without compromising quality. Horizontal and vertical versions are available. Minimum quantities apply.



BALNEUM ECO+

With a simple style and slim design the Balneum Eco+ reduces space required.

The intuitive, adjustable thermostat with white back-lit display ensures ergonomic use and clear visibility. The instant boost mode provides rapid temperature increase for quick drying of clothes or towels. With endless operating modes, daily and weekly programming options,

the Balneum Eco+ has been specifically designed to prioritise energy savings without compromising style allowing the user flexibility and peace of mind. The Balneum Eco+ can be programmed via pilot wire or WiFi with MySense Link (Optional). Available in white and Neochrome.

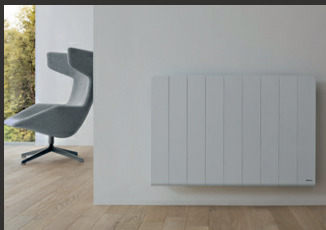




MAXIMUM COMFORT FOR MINIMUM ENERGY



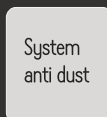
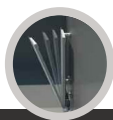
Line T



Line M

NEEDO electric radiators are proving that beauty is far more than just skin deep. At only 4 cm deep these beautiful designer ranges with their revolutionary new technology, heat up twice as fast as competitor's systems and offer up to 25% energy savings when compared with storage heaters and regular electric panel heaters.

The secret behind **NEEDO's** superior energy efficient performance is an innovative two-phase heat transfer process that not only delivers a much more rapid rise in temperature, but also facilitates heat recovery of energy already produced thereby substantially lowering running costs. Furthermore by connecting our iPilot receiver the Needo system can be controlled and programmed via Wi-Fi.





BEAUTY POWER BRAIN

With Inspired Performance



SHAPING THE FUTURE OF ITALIAN DESIGN



CreativeRads ranges are created with tranquil and linear designs giving your walls a hint of modernism with discretion. They can be used as a decorative display if placed in a visible position, or absorbed into the environment due to their discrete presence.

CreativeRads exploit radiant heat technology. Heating by radiant energy is observed every day, the warmth of the sunshine being the most commonly observed example. Using the principles of radiant heat to transfer energy from an emitting heat source to an object, heat is distributed evenly and uniformly. In the kitchen, living room, bedroom or bathroom, CreativeRads are an indispensable presence. Reconciling aesthetics and purity, shape and volume, visibility and discretion CreativeRads can be personalised in a variety of colours and finishes. and can be controlled via Wi-Fi.

An image can be printed or painted on the radiator's surface making it possible to transform the radiator into a pictureprint or painting, a distinctive feature which combines heating functions with personal design attention to the environment and sustainability are the principles on which CreativeRads entire philosophy is based on. This is also reflected in the materials used to customise the product. The colours are water based, fixed with bio compatible UV rays and free of fumes.





N A T U R A

NATURA REPRESENTS THE TRUNK OF A GINKGO TREE , A SPECIES WHICH HAS SURVIVED FOR OVER 350 MILLION YEARS. LIKE THE ESSENCE BY WHICH IT'S INSPIRED, THE NATURA REFLECTS ITS NATURALNESS AND ECO-COMPATIBILITY. AVAILABLE IN A CHOICE OF COLOURS BOTH HORIZONTAL AND VERTICAL



M A R M O

THE MARMO RANGE WITH ITS SMOOTH SURFACE IS DISTINGUISHED BY THE LINEARITY AND SIMPLICITY OF ITS FORMS. THIS IS FURTHER ENHANCED BY THE PURITY OF THE CHOSEN COLOUR. AVAILABLE IN A CHOICE OF COLOURS BOTH IN HORIZONTAL AND VERTICAL



T O C C O

A CHARM OF THE PAST; A UNIQUE TEXTURE WHICH REPRODUCES THE ELEGANCE OF THE FABRIC.SUITABLE FOR ANY ENVIRONMENT, FROM THE LATEST VOGUE TO THE QUINTESSENTIAL CLASSIC. A DESIGN WHICH SUBTLY ENHANCES THE WEAVE OF THE FABRIC. AVAILABLE IN A CHOICE OF COLOURS BOTH IN HORIZONTAL AND VERTICAL



C U R V A

AN OUTLINE OF CURVES, REMINISCENT OF THE CLASSIC SHAPES OF HEATING UNITS, BUT REVISITED AND REDESIGNED WITH A HINT OF MODERN FLAIR. A CLEAN DESIGN THAT GIVES AN EFFECT OF LIGHTNESS. AVAILABLE IN A CHOICE OF COLOURS BOTH IN HORIZONTAL AND VERTICAL



P I E T R A

THE RUSTIC ELEMENT THAT FITS PERFECTLY IN ANY ENVIRONMENT . PIETRA EVOKES BOTH NATURAL, AND MODERN SENTIMENTS THIS DESIGN ENHANCES THE IRREGULAR SURFACE OF THE STONE WHICH EMPHASISES THE LOW RELIEF EFFECT. AVAILABLE IN A CHOICE OF COLOURS BOTH IN HORIZONTAL AND VERTICAL



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