

ELECTRIC HEATING

# GENERAL CATALOGUE 2023-2024

intuis

MORE COMFORT, LESS ENERGY.

The Muller Group and its professional brands became Intuis in September 2022.

GROUPE MULLER
AIRELEC
APPLIMO
Auer
CAMPA
france energie
Muller Intuitiv
Noirot


intuis
MORE COMFORT, LESS ENERGY

# Dear partners and customers,

The Muller Group and its professional brands, **Airelec, Applimo, Auer, Campa, France Energie,** Muller Intuitiv and Noirot, have become **Intuis**.

Intuis is your promise to **bring you more comfort with less energy.**

More than just a name change, it's a simplification that will enable us to work even harder to offer a coherent, comprehensive range of thermal comfort solutions, to help reduce our industry's carbon footprint, and to help our users save energy.

True to its DNA and aware of the urgent need for action on climate, energy and social issues in Europe and France, the Group continues to actively promote the Made in France concept. For over 10 years, our range of products certified as Origine France Garantie has been growing steadily. Our range of electric radiators and towel rails is over 90 % certified.

This contributes to the development of jobs and local expertise, and has enabled us to recruit more than 200 new employees on permanent contracts in 2022, with the same projection for 2023.

In this catalogue dedicated to our electric heating products, this year you'll find several new products that proudly bear witness to over half a century of expertise in addition to our fundamentals.

First of all, we're delighted to introduce the new **Calidoo nativ**, a worthy successor to a line of radiators ahead of their time.

Calidoo nativ is the first smart radiator **fully adapted to climate and citizen-led change**: it **uses energy responsibly and reduces use** at times of peak electricity consumption.

We have also developed our **Intuis connect** smart range with the release of our new **nativ** thermostat, accompanied by a **gateway** to connect to the intuis connect app.

For the first time, we're bringing you a comprehensive connectivity booklet, which presents our different options, **tutorials, installation diagrams and use cases**, to ensure quick, hassle-free installations.

Finally, a digital version of the catalogue will be available in September on our brand new website: **intuis.fr**. The site brings together all the content from the four sites previously known as: muller-intuitiv.com, campa.fr, auer.fr and france-energie.fr.
You'll find all our professional electrical and heating products in one place, as well as:

- **The Pro space** just for you, where you'll find all the relevant information about our products.
- Some **configurator tools** to make your life easier: radiator & towel dryer configurator, tertiary & industrial configurator, heat pump (DimoPAC) and water heater configurator.
- A **virtual reality tool** to help your customers lay out our products in their homes.

True to our promise of "more comfort, less energy", and keen to make your day-to-day life easier, our teams are ready to get working with you.

Let's rise to the challenges of tomorrow together and become key players in thermal comfort.





PHILIPPE DÉNECÉ
Chief Executive Officer



NICOLAS BÉRANGER
Group Sales Director

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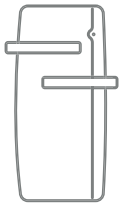
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# Discover Intuis

Intuis is an industrial group based in France producing multi-energy-source thermal equipment, and most of its products are certified as Origine France Garantie.

With our electric radiators, heat pumps, thermodynamic water heaters and tertiary water loop solutions, we are present on the residential, industrial and tertiary markets, with specific expertise for each segment.

To deliver on our promise of "more comfort, less energy", we are constantly innovating to create products that offer some of the best levels of energy efficiency on the market.

**6** FACTORIES IN FRANCE

**5** R&D AND INNOVATION CENTRES

**3** TRAINING CENTRES

**130** PATENTS

**+1000** EMPLOYEES

**3** TECHNOLOGY: ELECTRIC HEATING, HEAT PUMPS, WATER HEATERS

**200** SALES & TECHNICAL CONSULTANTS

## The Group abroad

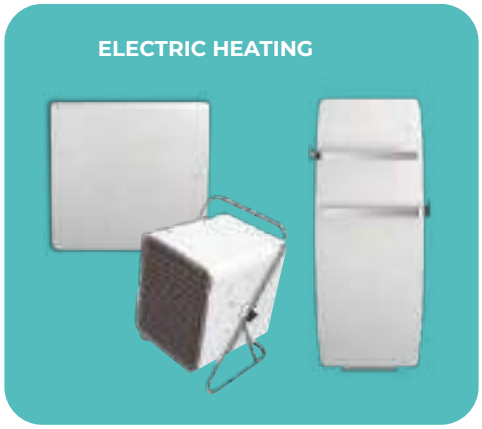


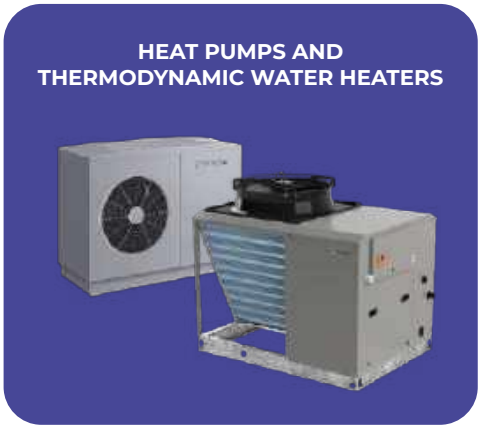
A commercial presence on:

**3** CONTINENTS: ASIA, NORTH AMERICA, EUROPE

**+ 40** COUNTRIES

# Intuis solutions for target markets







The application can be downloaded from the App store or Google store

The intuis group has always been at the forefront of innovation in electric heating: the invention of soft heat radiators with active cast iron and the inventor of a patent for surface emitters among others. Since 2018, its partnership with Netatmo for connectivity has also enabled it to develop Intuis connect, the best app on the market, for fine-tuned management of your heating and your energy consumption. Our self-learning algorithms adapt to the occupant, enabling them to make savings on energy.

At the same time, more than 10 years ago, the Group took the thermodynamic route with the development of heat pumps and thermodynamic water heaters by making the early and demanding choice of R290 gas, a non-greenhouse gas, well before this substance became the standard on the market. The Intuis group offers proven, high-performance solutions for individual and collective heating and hot water.

Finally, we develop thermodynamic solutions based on a water loop combined with individual comfort thermal units for heating and cooling based on heat transfers at the scale of a building, district or town.

**We're constantly innovating to create more comfort using less energy.**

# Innovation, technology and safety





## THE LAB

***Research and development are the DNA of the Group.*** *We're developing the solutions of tomorrow in our state-of-the-art thermal and electrical laboratory, We currently have 130 patents and our engineers and researchers continue to find innovations that will enable us to produce ever greater comfort with less energy.*

### Safe products

We carry out safety tests on all our products to meet the most stringent safety standards:

- **Water use**
- **Fluid dynamics**
- **Recovery**
- **Shock resistance etc.**

## Innovation and sustainable development

Very early on, the group invested in connectivity to better manage energy consumption. Our team of electronics engineers develops our connectivity solutions in partnership with Netatmo to offer one of the best applications on the market.




intuis connect

intuis connect with Netatmo

Télécharger dans l'App Store

DISPONIBLE SUR Google Play

# Our core technology

We design, develop and manufacture all the heating elements in our appliances from start to finish, guaranteeing you quality and the assurance of increasingly reliable and innovative products.



### 100% radiant front always a priority

The surface emitter covers the entire surface of the radiator's front panel. It provides a constant, evenly distributed and ultra-responsive temperature. It creates a hot spot in the room, both in the depth of winter and in mid-season, and covers most heating needs.

**Equips models:**
**Dook, Calidoo nativ, Etic Compact, Etic Vertical.**

*For even greater comfort and energy savings, the radiant front is combined with the technology below.*



### Active cast iron for dynamic inertia

The active cast iron heating element incorporates a resistor inserted into the metal at the time of casting.

The result is a perfect balance between speed and inertia, which allows perfectly controlled heat diffusion.

This ideal fusion of elements means that active cast iron dissipates heat very gently and evenly.

**Equips models:**
**Dook, Calidoo nativ, Beladoo, Axoo, Chamane**.



### Radiating transmitter

It is made from single-piece aluminium alloy.

The geometry of the front face of the ribbed reincofrement enhances emissivity and limits air movement in favour of heat radiation.

A specific surface treatment that differs for the two faces is applied to direct and optimise forward emission.

**Equips models:**
**Etic Vertical, Sensual, Quartea, Quartea 2.**



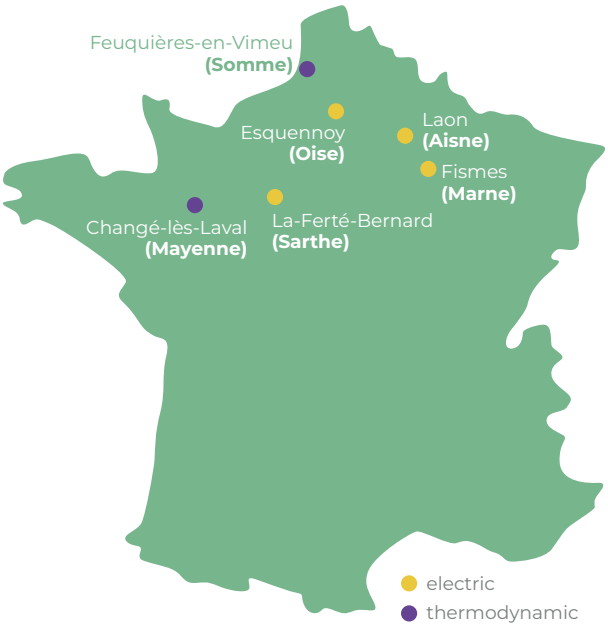
### One-piece natural diffusion element

Its optimised cross shape has been specially designed to provide gentle heating via natural convection.

**On models:**
**Etic Compact, Novium, Oslo 2, Eurospot.**

# TO MANUFACTURE LOCALLY AND PROTECT THE ENVIRONMENT

Priority to produce in France is one of our main commitments, with 70 % of our products (90% of our radiators) certified Origine France Garantie (OFG).




Manufacturing in France is a strong and historic choice for the Intuis group. Intuis was the first heating appliance manufacturer to be Origine France Garantie certified. This choice allows us to adopt an original industrial model, which encourages innovation through the responsiveness of short feedback, protecting our expertise, as well as guaranteeing quality and a high level of flexibility. It also makes it possible to maintain and develop skills, and preserve skilled employment in our regions.

**We are constantly investing to ensure that we have ultra-modern, high-performance production facilities and laboratories.**

**MULLER INTUITIV SASU**
Paris - France
Manufacture of household appliances

The legal entity Muller Intuitiv, which carries Intuis' electric radiator business, has been awarded a silver medal by **Ecovadis** for its CSR approach.

The **Origine France Garantie** certification, which covers 90 % of our radiators, provides consumers with the independently verified guarantee that essential characteristics of the product are produced in France and that 50 to 100 % of its unit cost price is purchased locally.



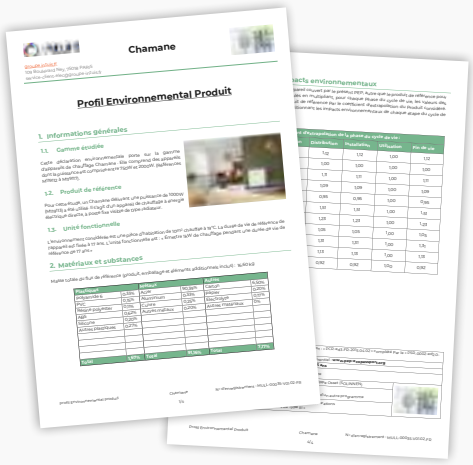
## Eco-designed packaging

**Objective 1:** totally eliminate PES packaging in favour of cardboard packaging by 2025, for 100% recyclable packaging.

**Objective 2:** development of an eco-designed "honeycomb" cardboard insert with our cardboard manufacturer partner to reduce the impact on the environment as much as possible.

**Objective 3:** Scheduled replacement of our leaflet printers with new-generation printers for an optimised, more environmentally-friendly printing process.

- 63 % of products delivered no longer have EPS blocks to date (financial year 2022-2023)
- Recycled content in cardboard inner packaging: 75 % minimum.
- "Honeycomb" packaging: optimisation of packaged volume of around 20-30 %.




## The inclusion of our products in a global eco-design approach

.

We systematically take environmental issues into account during development of our products. As an example, we aim to increase the proportion of recycled products and carry out systematic life cycle analyses for our new products. We always favour local sourcing.

We showcase the environmental characteristics of our products through our PEP (Product Environmental Profile) data sheets, available on the Pro area of our website.

## Circular economy

Recycling of our production waste (steel, aluminium etc).
Participation in a responsible management working group to share best practices in CSR, energy saving and waste optimisation.

**75%**
of the mass of our equipment will be collected, sorted and recycled at the end of its lifespan

# Teams
# at your service



## Here to help

CUSTOMER SERVICE

**09 78 45 10 26**

**export@groupe-intuis.fr**

# OUR GRAND TOUR OF FRANCE

## MEETING OUR CUSTOMERS!

In June 2023, our **truck started off from Rennes,** before setting off again across France, ending its journey in Lyon.

At least **700 customers** took part in our tour of France.

This was an opportunity for us to showcase our **new products** and also to engage in a constructive discussion as we prepare for the new season together.

**RENNES**











**LYON**

# intuis.fr

## A new website bringing together our old sites (muller-intuitiv.com, campa.fr, auer.fr and france-energie.fr) as well as all our solutions

From September 2023 and all throughout the season, discover these new features



**Personal area**
to discover our products

**Pro area**
for everyday assistance

We've designed this site with you in mind. It will provide you with the information you need and help you sell to your customers.

## What you'll find in the Pro area




All Intuis solutions for residential, multi-family, commercial and tertiary buildings



Clear, comprehensive product pages

- ▸ Tips for preparing work sites
- ▸ Feedback from equipment installations
- ▸ Current promotions on the products you sell

# A dedicated area for professionals: access all technical information after creating your account in just a few clicks.




- **Tailored technical documentation**
  Manual, PEP sheet, Pro product sheets, Tariffs, Pro catalogues, Certifications etc.
- VIP access to our Pro support and customer service.
- A list of your preferred sales contacts.
- **Lists of training courses**
- **Enrolment in loyalty programmes.**

**Create your Pro account** right now!



# intuis.fr

## New: use our **virtual reality tool** to project our products into your customers' rooms!




### How does it work?

Go to intuis.fr on your phone.

On each product page of the site there is a **"see the product at home" button** which you can use to display the product on your screen.

Point your camera at the ground to make your product appear.

Then point at the wall to view the product in a real-life situation.

Take a photo to view the product in your home at a later date.



# **Product configurator:** Size your customers' installation as accurately as possible




**For professionals, our 5 configurator tools for dedicated area:**

- Radiators
- Towel dryers
- Heat pumps/DimoPAC*
- Thermodynamic water heater
- Fan heater/Air curtain/IRC/ Low temperature cassette/Medium temperature cassette

To make sure you choose the right power for the job.

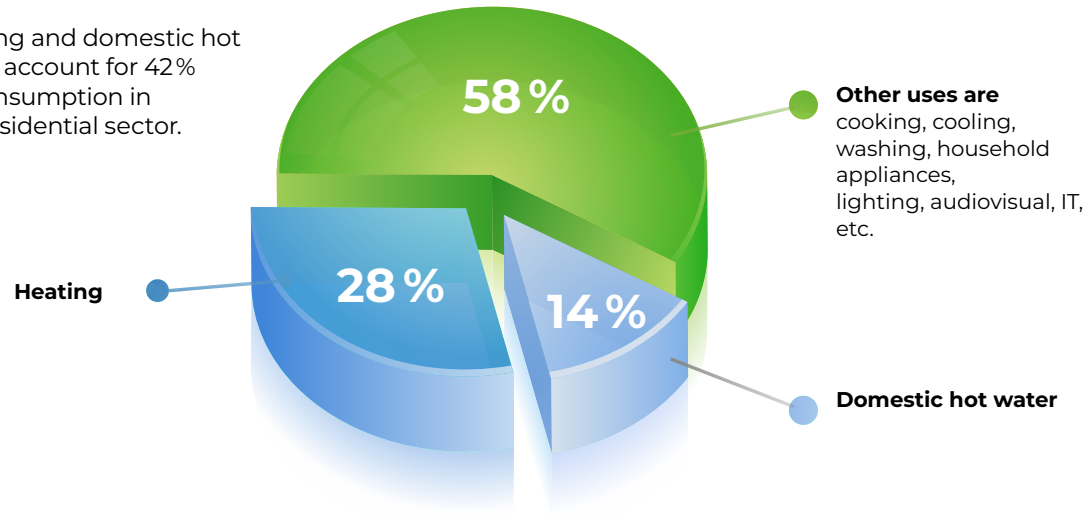
## Layout designed to make navigation easier



# ESSENTIALS FOR BETTER ELECTRICITY MANAGEMENT

The scarcity of energy resources and their increasing cost are driving ever-tighter energy management. Heating and hot water together account for 42 %* of residential consumption, so this is a major issue:

Heating and domestic hot water account for 42 % of consumption in the residential sector.




* Source RTE: "Forecast of electricity supply and demand in France" 2021 EDITION

**intuis has understood this for many years and is a pioneer in radiator connectivity. intuis connect technology is the key to energy savings for your customers:**

- **If a window is opened**, heating cuts out
- **For unplanned absences**, the heating is turned down taking your temperature preferences into account
- **For tariff periods when the price of electricity is high**, the radiators automatically lower their set temperature
- **Etc**

For full details of the application's smart features, see pages 128-129.

That's why, this year, intuis is continuing to develop simpler, more efficient connected systems to provide even greater comfort with less energy.

**In the connectivity pages, discover our new nativ thermostat and its Intuis Connect gateway for:**

- More layouts
- More features
- More connectivity
- More simplicity

You'll find the full range of Intuis products and installation diagrams here, as well as tutorials and use cases.

CES INNOVATION AWARDS 2018 HONOREE

## intuis connect with Netatmo* won two awards

when it was unveiled in 2018 at CES in Las Vegas

**Smart Home**

**Eco-design & sustainable technology**

* Formerly Muller Intuitiv with Netatmo



## An app acclaimed by its users

*Average rating fluctuates between 4.3 and 4.5 on app stores.*

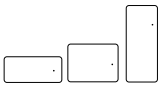
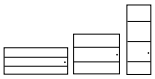
Google Play



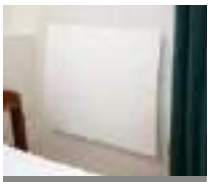
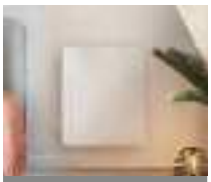
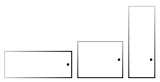
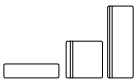
# LIVING SPACES



# Radiators
## Selection guide

| | DOOK | CALIDOO nativ (new) | BELADOO nativ (new) | AXOO |
|---|---|---|---|---|
| |  |  |  |  |
| | Double radiator with cast iron inertia and priority front | Triple radiator heating body cast iron inertia priority front and peak time cancellation | Cast iron inertia radiator | Cast iron inertia radiator |
| | Page 26 | Page 28 | Page 32 | Page 34 |
| **Design** | | | | |
| Model |  |  |  |  |
| Colours |  |  |  |  |
| Power | V from 1000 to 2000 W<br>H from 750 to 2000 W<br>P from 1000 to 1500 W | V from 1000 to 2000 W<br>H from 750 to 2000 W<br>P from 750 to 1500 W | V from 1000 to 2000 W<br>H from 750 to 2000 W<br>B from 750 to 1500 W<br>P from 750 to 1500 W | V from 1000 to 2000 W<br>H from 750 to 2000 W<br>B from 1000 to 1500 W |
| **Connectivity** | | | | |
| Connectivity | MODULE 100% cONNECTé INCLUS | Optional gateway* | Optional gateway* | MODULE 100% cONNECTé INCLUS |
| **Comfort** | | | | |
| Responsiveness | ●●●●● | ●●●●● | ●●●●○ | ●●●●○ |
| Heat | ●●●●● | ●●●●● | ●●●●○ | ●●●●○ |
| Inertia | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Priority heated front | ●●●●● | ●●●●● | ●●●○○ | ●●●○○ |
| **Heating technology** | | | | |
| Triple heating element with priority radiant front panel | | ✓ | | |
| Dual heating element with priority radiant front panel | ✓ | ✓ | | |
| Active cast iron with dynamic inertia | ✓ | ✓ | ✓ | ✓ |
| Inertia crystals | | | | |
| Active management of the reactivity/ inertia balance | | ✓ | | |
| Heat-transfer fluid | | | | |
| One-piece alu element | | ✓ | | |
| Peak load shedding | | ✓ | | |
| **Savings** | | | | |
| Advanced functions | ✓ | ✓ | ✓ | ✓ |

* intuis connect gateway (1 gateway for 20 nativ radiators)

| | | | | | |
|---|---|---|---|---|---|
| new | | new | | | |
|  |  |  |  |  |  |
| **CAMPALYS** | **CHAMANE** | **SLOOP** | **ETIC** COMPACT/VERTICAL | **SENSUAL** | **R21** |
| **Ultra smooth smart radiator** | **Cast iron inertia radiator** | **Fluid radiator with connected design and high performance** | **Double radiator with one-piece aluminium element and priority front** | **Soft heat radiator** | **Low-temperature radiator adapted to the requirements of crèches and nursery schools** |
| Page 36 | Page 38 | Page 40 | Page 42 | Page 44 | Page 46 |
|  |  |  |  |  |  |
| H from 1000 to 2000 W<br>V from 1000 to 1500 W<br>B 1000 W<br>P 750 W | V from 1000 to 2000 W<br>H from 750 to 2000 W<br>P from 750 to 1500 W | H from 750 to 2000 W | V from 1500 to 2000 W<br>C from 300 to 1500 W | V from 1000 to 2000 W<br>H from 500 to 2000 W | H from 500 to 2000 W |
|  Optional |  Optional | MODULE 100% connecté INCLUS |  Optional |  Optional |  Optional** |
| ●●●●● | ●●●●○ | ●●●●○ | ●●●●● | ●●●●● | ●●●●● |
| ●●●●● | ●●●●○ | ●●●○○ | ●●●●● | ●●●○○ | ●●●●● |
| ●●●○○ | ●●●●● | ●●●○○ | ●●○○○ | ●○○○○ | ●○○○○ |
| ●●●●● | ●●●○○ | ○○○○○ | ●●●●● | ●●●○○ | ●●●●● |
| | | | | | |
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| | ✔ | | ✔ | ✔ | ✔ |
| | | | | | |
| | ✔ | | ✔ | ✔ | |

** See restrictions p52

# Radiators
## Selection guide

new



**AXINO**

**Fluid inertia radiator**

Page 48



**OSLO 2**

**Soft heat radiator**

Page 50



**QUARTEA INTELLIGENT**

**Radiant panel**

Page 52



**NOVIUM**

**Smart convector**

Page 54

### Design

| | AXINO | OSLO 2 | QUARTEA INTELLIGENT | NOVIUM |
|---|---|---|---|---|
| Model |  |  |  |  |
| Colours | ○ | ○ | ○ | ○ |
| Power | H from 750 to 2000 W | V 1000 and 1500 W<br>H from 750 to 2000 W | V from 1000 to 2000 W<br>H from 300 to 2000 W<br>P from 500 to 1000 W | V from 500 to 2000 W<br>H from 500 to 2000 W<br>B from 750 to 2000 W<br>P from 500 to 1000 W |

### Connectivity

| | AXINO | OSLO 2 | QUARTEA INTELLIGENT | NOVIUM |
|---|---|---|---|---|
| Connectivity<br>Intuis connect by Netatmo | NA | NA | <br>Optional | <br>Optional |

### Comfort

| | AXINO | OSLO 2 | QUARTEA INTELLIGENT | NOVIUM |
|---|---|---|---|---|
| Responsiveness | ●●●●○ | ●●●●● | ●●●●● | ●●●●● |
| Heat | ●●●○○ | ●●●○○ | ●●●●● | ●○○○○ |
| Inertia | ●●●○○ | ●○○○○ | ○○○○○ | ●○○○○ |
| Priority heated front | ○○○○○ | ●●●●○ | ●●●○○ | ○○○○○ |

### Heating technology

| | AXINO | OSLO 2 | QUARTEA INTELLIGENT | NOVIUM |
|---|---|---|---|---|
| Triple heating element with priority radiant front panel | | | | |
| Dual heating element with priority radiant front panel | | | | |
| Active cast iron with dynamic inertia | | | | |
| Inertia crystals | | | | |
| Active management of the reactivity/ inertia balance | | | | |
| Heat-transfer fluid | ✔ | | | |
| One-piece alu element | | ✔ | ✔ | ✔ |
| Peak load shedding | | | | |

### Savings

| | AXINO | OSLO 2 | QUARTEA INTELLIGENT | NOVIUM |
|---|---|---|---|---|
| Advanced functions | | | ✔ | ✔ |

new

| QUARTEA 2 | EUROSPOT | BI-JUNCTION |
|---|---|---|
| Radiant panel | Convector | Radiant panel |
| Page 56 | Page 57 | Page 58 |
| V from 1000 to 2000 W<br>H from 300 to 2000 W | H from 500 to 2000 W | H from 750 to 2000 W |
| NA | NA | NA |
| ●●●●●<br>●●●●●<br>○○○○○<br>●●●○○ | ●●●●●<br>○○○○○<br>○○○○○<br>○○○○○ | ●●●●●<br>●●●●●<br>○○○○○<br>●●●○○ |
| ✔ | ✔ | |



CALIDOO nativ

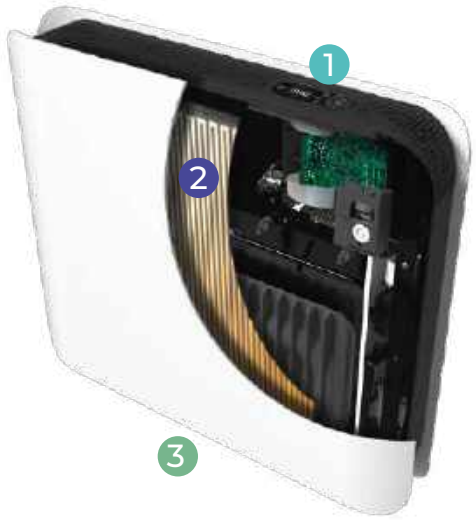

BELADOO nativ


SLOOP

# DOOK

## Dual body radiator with cast iron inertia and priority front with integrated ambient light

Connected and available in 3 models to suit all space configurations: horizontal, vertical and skirting board, and in two trendy finishes: satin white and anthracite.




### YOUR CUSTOMERS WILL LOVE

The ultimate in modern design.

Gentle heat all year round.

Automatic mood lighting.

Energy savings are controlled in connected mode.

Origine France Garantie.

**1 Ultra-precise digital electronic control**

Precisely manages the independent and complementary operation of the two heaters.

**2 Heating element**

The screen-printed heating film ensures priority heating of the front.

**Heating element** integrated into the core of the active cast iron block.

**3 Light function**

Integrated LED mood lighting: nightlight with adjustable intensity and light path associated with presence detection.

Intuis connect with Netatmo

MODULE 100% cOOnnecté INCLUS

**MORE INFO**
SEE PAGE 134




**Integrated digital control**

Backlit LCD display with adjustable intensity

| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. White | Ref. Anthracite |
|---|---|---|---|---|
| HORIZONTAL | | | | |
| 750 | 525 x 570 x 117 | 20,5 | NEN3362TCEC | NEN3362TCHS |
| 1000 | 675 x 570 x 117 | 28,5 | NEN3363TCEC | NEN3363TCHS |
| 1250 | 775 x 570 x 117 | 29,5 | NEN3364TCEC | NEN3364TCHS |
| 1500 | 900 x 570 x 117 | 37,0 | NEN3365TCEC | NEN3365TCHS |
| 2000 | 1175 x 570 x 117 | 52,5 | NEN3367TCEC | NEN3367TCHS |
| VERTICAL | | | | |
| 1000 | 435 x 1475 x 117 | 39,0 | NEN3373TCEC | NEN3373TCHS |
| 1500 | 435 x 1475 x 117 | 39,0 | NEN3375TCEC | NEN3375TCHS |
| 2000 | 435 x 1475 x 117 | 39,0 | NEN3377TCEC | NEN3377TCHS |
| SKIRTING BOARD | | | | |
| 1000 | 1030 x 300 x 117 | 23,0 | NEN3383TCEC | NEN3383TCHS |
| 1500 | 1320 x 300 x 117 | 32,0 | NEN3385TCEC | NEN3385TCHS |
| Feet kit for cast iron appliances | | | M090001 | M090002 |

* Width: when wall-mounted including mount





White satin



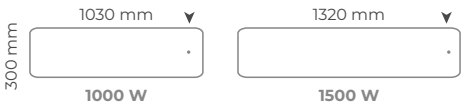
Anthracite

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●●● | ●●●●● | ●●●●● |

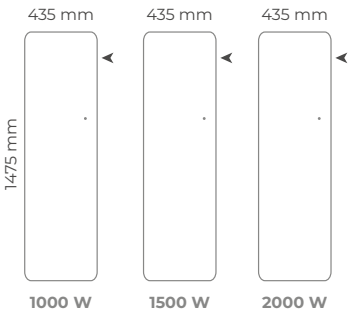
### SKIRTING BOARD MODELS

Thickness: 117 mm



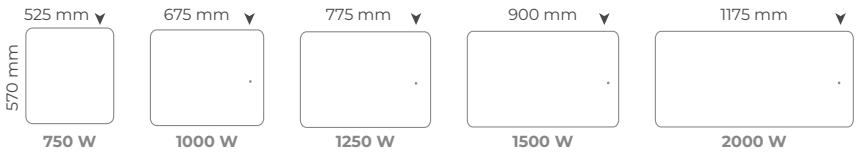

### VERTICAL MODELS

Thickness: 117 mm




### HORIZONTAL MODELS

Thickness: 117 mm




▼➤ Control panel located on appliance

## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Auto-planning mode
- Open window detection
- Landlord functions: simple lock, code lock pin, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Can be connected to Intuis connect via pilot wire
- Digital pilot wire

CE

Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158.

Class II
IP24 - IK08
230 V single phase

3-year warranty

# CALIDOO nativ new
# THE WORTHY SUCCESSOR

**Citizen Innovation**
Function
for automatic clearing
of peak times

## Smart designer radiator

Cast iron heating core and triple heating element* for just the right combination of inertia and responsiveness.




1 **Responsive unit**
front film and aluminium single-piece element
\+
2 40% of power.

3 **Inertia element**
**active load**
60% of power

4 **New nativ user interface**

## YOUR CUSTOMERS WILL LOVE

Soft heat all year round in an economical and responsible manner.

Modulated heating makes the most of free heat gain (page 37).

Environmentally responsible behaviour as a result of the auto-erase function for peak hours (page 37).

New improved contemporary design and updated dimensions (30-cm height for skirting boards
).

Synchronisation between devices even in offline mode.

Origine France Garantie.

And always with a priority front panel for a warmer feel whatever the season.

intuis connect with Netatmo

**COMPATIBLE WITH INTUIS CONNECT** GATEWAY.**



** Or a radiator fitted with an Intuis connect module.
See other compatibilities on page 126.




Large colour graphic display
Easy to use rotary selector
Nativ connection via gateway

| Power (W) | L x H x W*** (mm) | Weight (kg) | Ref. White | Ref. Anthracite |
|---|---|---|---|---|
| HORIZONTAL | | | | |
| 750 | 462 x 595 x 124 | 22 | M152112 | M152122 |
| 1000 | 622 x 595 x 124 | 22 | M152113 | M152123 |
| 1250 | 782 x 595 x 124 | 22,7 | M152114 | M152124 |
| 1500 | 942 x 595 x 124 | 28,3 | M152115 | M152125 |
| 2000 | 1182 x 595 x 124 | 40,4 | M152117 | M152127 |
| VERTICAL | | | | |
| 1000 | 422 x 1480 x 147 | 30 | M152213 | M152223 |
| 1500 | 422 x 1480 x 147 | 30 | M152215 | M152225 |
| 2000 | 502 x 1480 x 147 | 35 | M152217 | M152227 |
| SKIRTING BOARD | | | | |
| 750 | 942 x 313 x 121 | 20 | M152412 | M152422 |
| 1000 | 1022 x 313 x 121 | 23 | M152413 | M152423 |
| 1500 | 1262 x 313 x 121 | 30 | M152415 | M152425 |

* Except for the dual element skirting board model
*** Width: when wall-mounted including mount





Two-tone finish, satin white front, anthracite black back



Anthracite

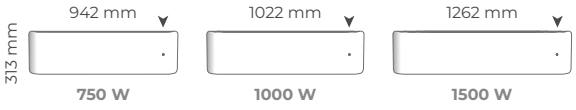


## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●●● | ●●●●● | ●●●●● |

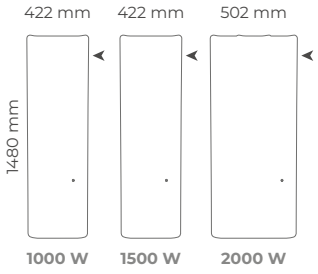
### SKIRTING BOARD MODELS

Thickness: 121 mm



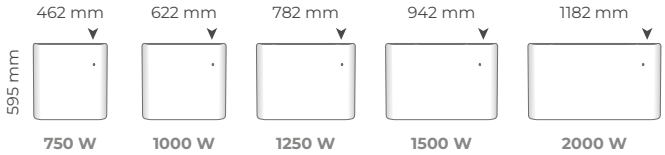

### VERTICAL MODELS

Thickness: 147 mm




### HORIZONTAL MODELS

Thickness: 124 mm




▼➤ Control panel located on appliance

CE | NF | Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158. | Class II IP24 - IK08 230 V single phase | 3-year warranty

## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Peak hour auto-saving
- Synchronisation between nativ devices
- Auto-planning mode
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 6-core pilot wire

* Except skirting board NF ★★☐

# CALIDOO nativ

The connected electric radiator for today's requirements

## CONNECTED TO HEAT

## CONNECTED TO YOUR VALUES




### Avoid overloads on the electricity network to promote the use of carbon-free electricity

Calidoo nativ is a connected radiator manufactured in France, the first of its generation to integrate a demand response function for peak load management. For the grid. In winter, it anticipates periods of tension on the network, stores, and releases heat to guarantee comfort for all while limiting energy consumption.

- New design
- Optimised inertia control
- Connected radiator

ORIGINE FRANCE GARANTIE

MORE COMFORT, LESS ENERGY

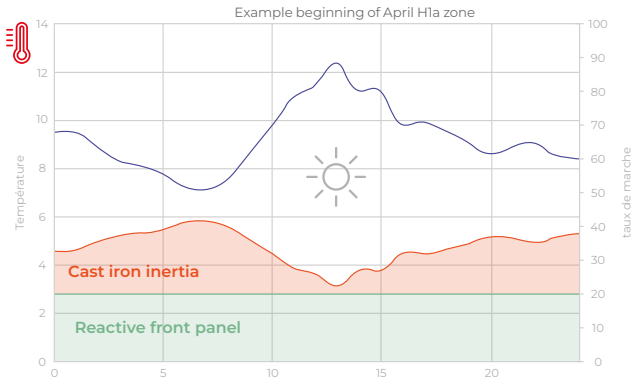
# CALIDOO nativ new

## A radiator adapted to the new climate

More responsive and better controlled, it uses only 40% of its power most of the time and makes the most of free gains, limiting energy consumption by up to 30%:

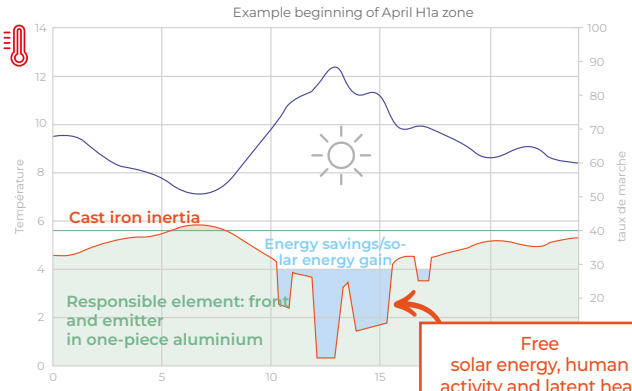
- 60% of the heating time, the outside temperature fluctuates between 5 and 15°C. The Calidoo nativ reagent element covers 100% of these requirements
- In the event of occasional sunshine, Calidoo nativ stops heat emission where a device without dynamic inertia management would continue to heat unnecessarily, resulting in discomfort and excessive energy use

### Standard double radiator




When there is occasional sunshine, there is a risk of discomfort due to overheating.

### Calidoo nativ




Free solar energy, human activity and latent heat cover up to 30% of heating requirements.

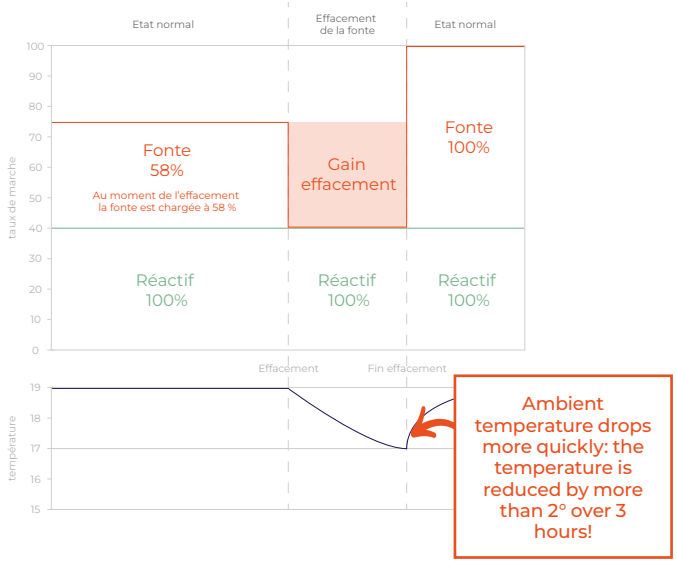
Heat emission from the responsive element is interrupted rapidly when the sun shines to make the most of this free supply, without wastage or discomfort.

## Responsible use of electricity

### Active inertia management with the peak-time auto-saving function

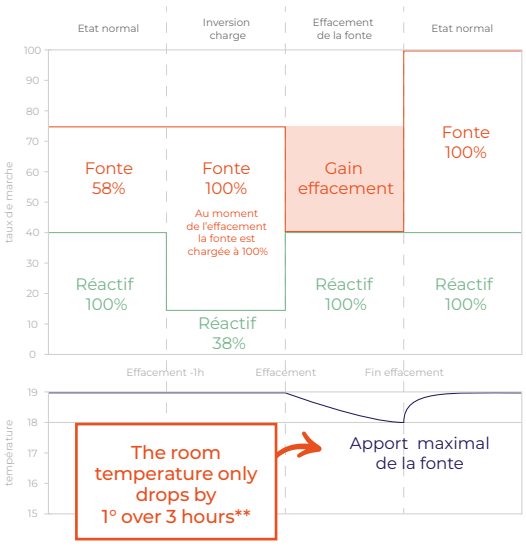
Calidoo nativ anticipates peaks in electricity consumption and proactively charges its cast iron to 100% of its capacity, automatically reducing between 20% and 60% of its power use at the peak time without discomfort*.

### Peak time auto-saving WITHOUT active inertia management




**Without dynamic inertia management:** the cast iron body is not sufficiently heated and room temperature drops by 2 degrees in the event of cut-out.

### Peak time auto-saving WITH active inertia management




**Calidoo nativ** anticipates load periods on the network. One hour before peak time, it reverses its heating priorities to charge the cast iron element to 100% of its storage capacity. This heat is restored during the cut-off period when only the responsive element is active, at only 40% of its power.

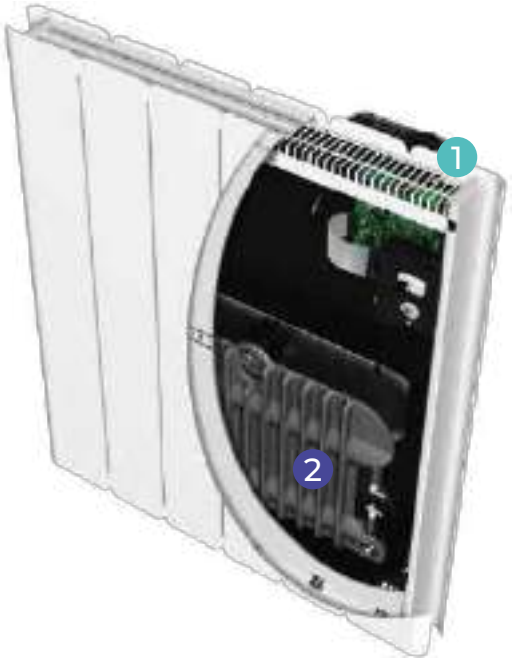
* The auto-erase function can be activated by the user, who chooses the times and duration: by default 2 times a day between 9am-12pm and 6pm-8pm.

** Measurements carried out in our laboratories. The temperature drop will depend on the level of insulation and thermal inertia of the room being heated.

# BELADOO nativ new

## Smart designer radiator

Connected and available in 4 models to suit all space configurations: horizontal, vertical, low and skirting board,
and in two trendy finishes: satin white and black anthracite.




1 **New nativ interface**

2 **Active cast iron inertia element**

### YOUR CUSTOMERS WILL LOVE

The traditional radiator look that is brought up to date.

Soft, enveloping warmth.

Compactness and variety of formats.

Synchronisation between devices in offline mode.

Origine France Garantie.

Intuis connect with Netatmo

**COMPATIBLE WITH INTUIS CONNECT* GATEWAY.**



* Or a radiator fitted with an Intuis connect module. See other compatibility options on page 126.




Large colour graphic display
Easy to use rotary selector
Nativ connection via gateway

| Power (W) | L x H x W** (mm) | Weight (kg) | Ref. White | Ref. Anthracite |
|---|---|---|---|---|
| HORIZONTAL | | | | |
| 750 | 447 x 603 x 132 | 14,3 | M153112 | M153122 |
| 1000 | 527 x 603 x 132 | 17,4 | M153113 | M153123 |
| 1250 | 607 x 603 x 132 | 22,7 | M153114 | M153124 |
| 1500 | 607 x 603 x 132 | 22,7 | M153115 | M153125 |
| 2000 | 927 x 603 x 132 | 31,9 | M153117 | M153127 |
| VERTICAL | | | | |
| 1000 | 407 x 1485 x 156 | 32 | M153213 | M153223 |
| 1500 | 407 x 1485 x 156 | 32 | M153215 | M153225 |
| 2000 | 487 x 1485 x 156 | 41 | M153217 | M153227 |
| LOW | | | | |
| 750 | 687 x 415 x 133 | 15 | M153312 | M153322 |
| 1000 | 847 x 415 x 133 | 17 | M153313 | M153323 |
| 1500 | 1007 x 415 x 133 | 23,5 | M153315 | M153325 |
| SKIRTING BOARD | | | | |
| 750 | 847 x 309 x 130 | 17 | M153412 | M153422 |
| 1000 | 927 x 309 x 130 | 19,7 | M153413 | M153423 |
| 1500 | 1087 x 309 x 130 | 27,7 | M153415 | M153425 |

** Width: when wall-mounted including mount





intuis



White satin



Anthracite

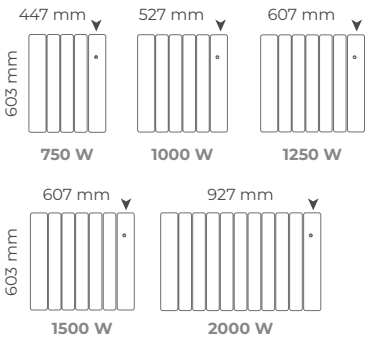


## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●○ | ●●●●○ | ●●●●● | ●●●○○ |

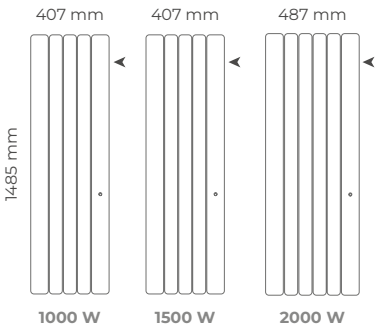
### HORIZONTAL MODELS

Thickness: 132 mm



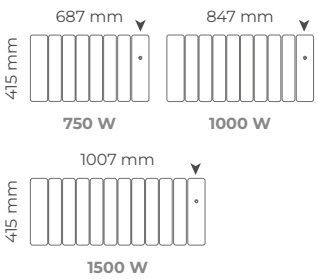

### VERTICAL MODELS

Thickness: 156 mm



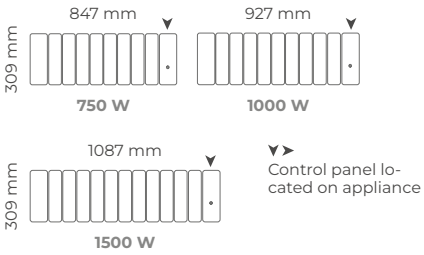

### LOW MODELS

Thickness: 133 mm




### SKIRTING BOARD MODELS

Thickness: 130 mm




## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Synchronisation between nativ devices
- Auto-planning mode
- Open window detection
- Landlord functions: simple lock, code lock pin, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 6-core pilot wire

CE | NF * | NF ** | Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158. | Class II | IP24 - IK08 | 230 V single phase | 3-year warranty

* Horizontal and Low models. ** Vertical and Skirting board models.

# AXOO

## Active cast iron inertia radiator

100% connected, Axoo is available in horizontal, vertical and low models, in two trendy finishes: satin white and anthracite.




### YOUR CUSTOMERS WILL LOVE

The extra-flat design and the heating power.

Soft, enveloping warmth.

Energy savings are controlled in connected mode.

Origine France Garantie.

Intuis connect with Netatmo

MODULE 100% cOOnnecté INCLUS

**MORE INFO**
SEE PAGE 134

### 1 Ultra-precise digital electronic control

Precisely controls the operation of the active cast iron to ensure the desired comfort.

### 2 Heating element

**Active cast iron** brings fast, long-lasting, permanent comfort to the room.



### Ultra-precise digital electronic control

With backlit LCD display and timer.

| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. White | Ref. Anthracite |
|---|---|---|---|---|
| HORIZONTAL | | | | |
| 750 | 460 x 607 x 112 | 15,1 | NEN3072SEEC | NEN3072SEHS |
| 1000 | 620 x 607 x 112 | 18,2 | NEN3073SEEC | NEN3073SEHS |
| 1250 | 780 x 607 x 112 | 23,2 | NEN3074SEEC | NEN3074SEHS |
| 1500 | 940 x 607 x 112 | 28,9 | NEN3075SEEC | NEN3075SEHS |
| 2000 | 1180 x 607 x 112 | 33,0 | NEN3077SEEC | NEN3077SEHS |
| VERTICAL | | | | |
| 1000 | 420 x 1075 x 133 | 26,3 | NEN3083SEEC | NEN3083SEHS |
| 1500 | 420 x 1510 x 133 | 32,6 | NEN3085SEEC | NEN3085SEHS |
| 2000 | 500 x 1510 x 133 | 36,5 | NEN3087SEEC | NEN3087SEHS |
| LOW | | | | |
| 1000 | 940 x 425 x 123 | 21,7 | NEN3093SEEC | NEN3093SEHS |
| 1500 | 1181 x 425 x 123 | 29,9 | NEN3095SEEC | NEN3095SEHS |
| Feet kit for cast iron appliances | | | M090001 | M090002 |

* Width: when wall-mounted including mount





intuis



White satin



Anthracite

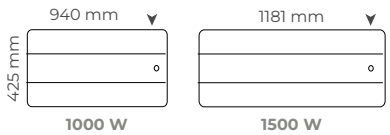


## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●○ | ●●●●○ | ●●●●● | ●●●○○ |

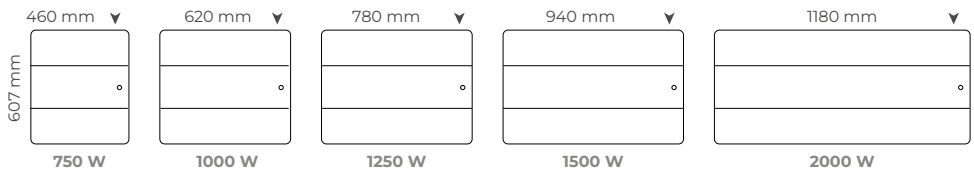
### LOW MODELS

Thickness: 123 mm



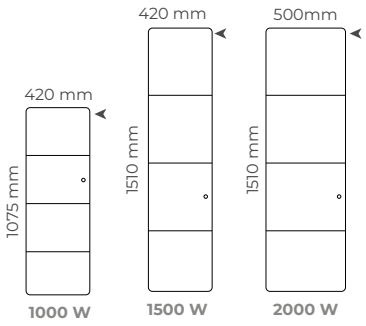

### HORIZONTAL MODELS

Thickness: 112 mm




### VERTICAL MODELS

Thickness: 133 mm




▼➤ Control panel located on appliance

CE | NF | Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158. | Class II IP24 - IK08 230 V single phase | 3-year warranty

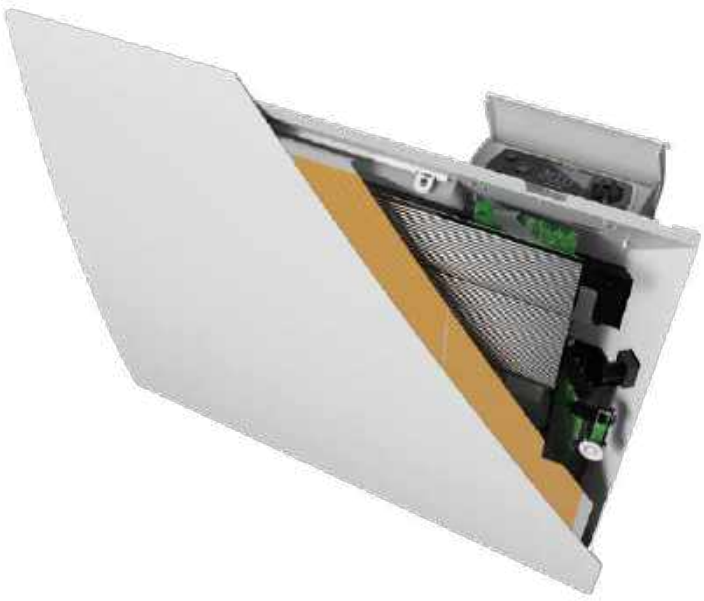
## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Auto-planning mode
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire

* Low models: NF - Horizontal models: CE

# CAMPALYS

Ultra-smooth smart radiator
Large-format soft heat and controlled inertia
Dual heating elements with priority warm front



1. **Priority heated front**
2. **One-piece aluminium reactive element with inertia crystals**

## YOUR CUSTOMERS WILL LOVE

This ultra-smooth, slim radiator.

The radiant effect large format is very comfortable.

The right compromise between responsiveness and inertia.

The smart solution for savings.

Origine France Garantie.

intuis connect with Netatmo

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 126




**Ultra-precise digital electronic control**

With setting wheel and backlit LCD screen.

| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. White |
|---|---|---|---|
| HORIZONTAL | | | |
| 1000 | 682 x 573 x 123 | 12,0 | M151113 |
| 1500 | 922 x 573 x 123 | 16,5 | M151115 |
| 2000 | 1162 x 573 x 123 | 21,0 | M151117 |
| VERTICAL | | | |
| 1000 | 415 x 1214 x 125 | 15,2 | M151213 |
| 1500 (A) | 415 x 1564 x 133 | 20,0 | M151215 |
| LOW | | | |
| 1000 | 1059 x 420 x 123 | 13,0 | M151313 |
| SKIRTING BOARD | | | |
| 750 | 1000 x 300 x 105 | 10,5 | M151412 |

* Wall thickness with fixing bracket (bracket thickness: 45 mm).





White satin

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●●● | ●●●○○ | ●●●●● |

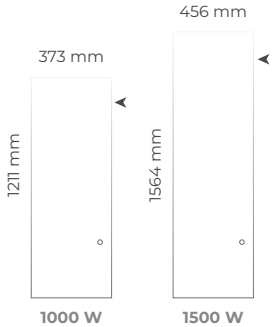
### HORIZONTAL MODELS

Thickness: 123 mm



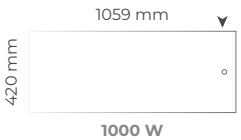

### VERTICAL MODELS

Width: 125 mm (1000 W)
133 mm (2000 W)



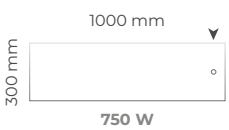

### LOW MODEL

Thickness: 123 mm




### SKIRTING BOARD MODEL

Width: 105 mm




▼➤ Control panel located on appliance

CE

Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158.

Class II
IP24 - IK08
230 V single phase

3-year warranty

## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Auto-planning mode
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire

# CHAMANE

## Active cast iron inertia radiator

Chamane is a range of cast iron inertia radiators with a sleek design.
Its thin, curved shape fits discreetly against the wall.
Available in 3 formats: horizontal, vertical and skirting board.
Connectable as it is compatible with Intuis connect with Netatmo modules.




**YOUR CUSTOMERS WILL LOVE**

Soft, enveloping warmth.

Energy savings are controlled in connected mode.

Origine France Garantie.

Intuis connect with Netatmo

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 126

### 1 Ultra-precise digital electronic control

Precisely controls the operation of the active
cast iron to ensure the desired comfort.

### 2 Heating element

**Active cast iron** brings rapid, long-lasting (inertia) and permanent comfort to the room.



### Ultra-precise digital electronic control

With backlit LCD display and timer.

| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. White |
|---|---|---|---|
| HORIZONTAL | | | |
| 750 | 470 x 600 x 113 | 14,7 | M119112 |
| 1000 | 610 x 600 x 113 | 17,9 | M119113 |
| 1250 | 790 x 600 x 113 | 23,0 | M119114 |
| 1500 | 930 x 600 x 113 | 28,6 | M119115 |
| 2000 | 1170 x 600 x 113 | 32,7 | M119117 |
| VERTICAL | | | |
| 1000 | 410 x 1068 x 136 | 26,0 | M119213 |
| 1500 | 410 x 1503 x 136 | 32,3 | M119215 |
| 2000 | 490 x 1503 x 136 | 36,2 | M119217 |
| LOW | | | |
| 750 | 1010 x 300 x 119 | 22,0 | M119412 |
| 1000 | 1090 x 300 x 119 | 21,0 | M119413 |
| 1500 | 1250 x 300 x 119 | 30,0 | M119415 |
| Feet kit for cast iron appliances | | | M090001 |

* Width: when wall-mounted including mount







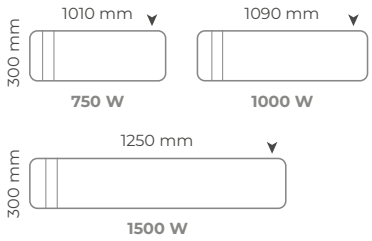
White satin

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●○ | ●●●●○ | ●●●●● | ●●●○○ |

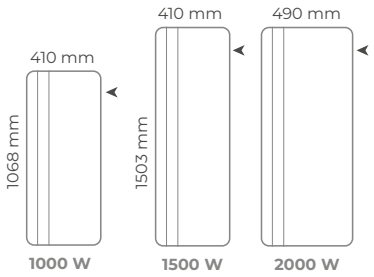
### SKIRTING BOARD MODELS

Width: 119 mm



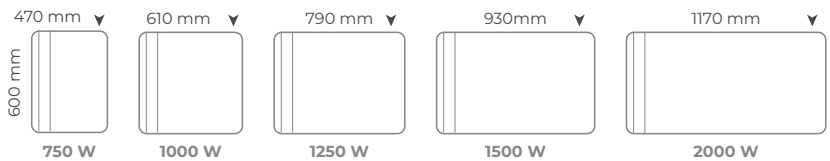

### VERTICAL MODELS

Width: 136 mm




### HORIZONTAL MODELS

Width: 113 mm




CE | NF | Class II<br>IP24 - IK08<br>230 V single phase | 3-year warranty

▼➤ Control panel located on appliance

## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- 6-core pilot wire

# SLOOP

new

Connected fluid radiator with design and performance
Solid and durable: 100% metal heating element

**Did you know?**

SLOOP is a nautical term for an elegant, lightweight single-masted sailing boat. The curved shape of our radiator is reminiscent of a sail inflated by a warm wind.




1. **Recycled aluminium heating element**
2. **Steel side cladding**
3. **Ultra-precise digital electronic control**
4. **Immersion heater**
5. **Stable mineral oil fluid**

## YOUR CUSTOMERS WILL LOVE

The gentle warmth of fluid inertia.

A curved design that softens the lines.

A solid, durable 100% metal radiator.

Recycled aluminium heating element.

Anti-tilt chain for easy cleaning.

The smart solution for savings at no extra cost.

Made in France

intuis connect with Netatmo

MODULE 100% cOOnnecté INCLUS

**MORE INFO**
SEE PAGE 134



**Integrated control interface**

Large backlit LCD display



**Anti-tilt chain**

Allows the module to be connected and facilitates cleaning

| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. White |
|---|---|---|---|
| 750 | 534 x 575 x 133 | 13,8 | M146112 |
| 1000 | 614 x 575 x 133 | 16,5 | M146113 |
| 1250 | 774 x 575 x 133 | 19,2 | M146114 |
| 1500 | 854 x 575 x 133 | 21,9 | M146115 |
| 2000 | 1094 x 575 x 133 | 30 | M146117 |

* Width: when wall-mounted including mount

Sloop is designed and manufactured in our factories in France. However, the proportion of components of foreign origin means that the Origine France Garantie criteria cannot be met





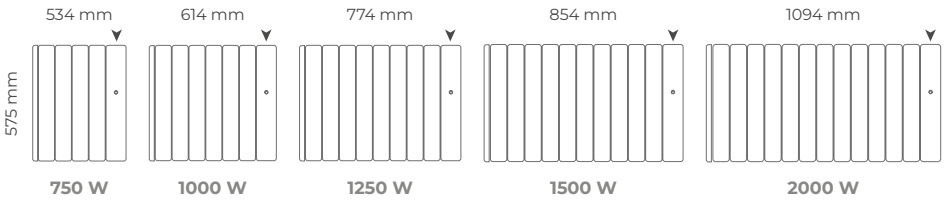
Smooth white

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●○ | ●●●○○ | ●●●○○ | ○○○○○ |

**HORIZONTAL MODELS**

Thickness: 133 mm




▼➤ Control panel located on appliance

## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Auto-planning mode
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire

CE | NF | Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158. | CEE | Class II IP24 - IK08 230 V single phase | 3-year warranty

# ETIC
# COMPACT AND VERTICAL

## Double radiator with aluminium one-piece element and priority front panel

Connectable with the Intuis connect with Netatmo module, the Etic Compact is available in 7 power versions in satin white.

**Etic Compact**
The most compact radiator in its category




### YOUR CUSTOMERS WILL LOVE

Save space with an extremely compact radiator.

An elegant style with a single height for 2 different power ratings.

Gentle heat all year round.

Energy savings are controlled in connected mode.

Origine France Garantie.

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 126

### 1 Ultra-precise digital electronic control

Precisely manages the independent and complementary operation of the two heaters.

### 2 Heating element

**The priority heating front** provides most of the heating requirements in the mid-season.

### 3 The

one-piece heating element is optimised for gentle and rapid heat diffusion.



### Ultra-precise digital electronic control

With backlit LCD display and timer.

| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. White |
|---|---|---|---|
| 300 | 368 x 530 x 125 | 6,5 | NEM2400SEEC |
| 500 | 368 x 530 x 125 | 6,5 | NEM2401SEEC |
| 750 | 440 x 530 x 125 | 7,9 | NEM2402SEEC |
| 1000 | 440 x 530 x 125 | 7,6 | NEM2403SEEC |
| 1250 | 512 x 530 x 125 | 8,8 | NEM2404SEEC |
| 1500 | 584 x 530 x 125 | 9,8 | NEM2405SEEC |
| 2000 | 728 x 530 x 125 | 12,0 | NEM2407SEEC |
| 1500 | 440 x 1500 x 134 | 22,1 | NEM2415SEEC |
| 2000 | 440 x 1500 x 134 | 22,3 | NEM2417SEEC |

* Width: when wall-mounted including mount





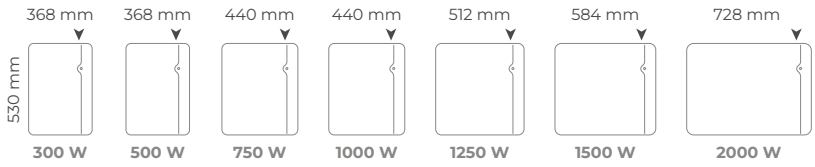
Two-tone/satin white and muted grey on the back for better design integration

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●●● | ●●○○○ | ●●●●● |

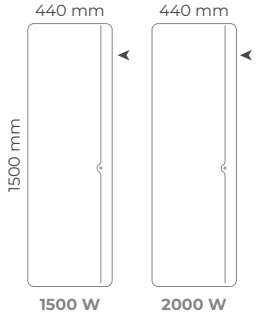
### ETIC COMPACT MODELS

Width: 125 mm (130 mm for the 2000 W)




### ETIC VERTICAL MODELS

Width: 134 mm




Control panel located on appliance

With a large, flat surface and 2 outputs in the same space, Etic vertical is the ideal solution for gently heating large spaces.

CE | NF Electricité Performance ★★★ | Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158. | Class II IP24 - IK08 230 V single phase | 3-year warranty

## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Auto-planning mode
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- 6-core pilot wire
- Digital pilot wire

# SENSUAL

## Designer soft heat radiator

Connectable with the Intuis connect with Netatmo module, the Sensual comes in horizontal and vertical models available in a trendy satin white colour.




### YOUR CUSTOMERS WILL LOVE

Elegant design for efficiency.

Gentle, responsive heat.

Controlled energy savings in connected mode.

Origine France Garantie.

Intuis connect with Netatmo

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 126

### 1 Ultra-precise digital electronic control

Precisely controls the operation of the heating element to guarantee the desired level of comfort.

### 2 Heating element

**The one-piece** aluminium heating element transmits heat silently, efficiently and quickly.




### Ultra-precise digital electronic control

With backlit LCD display and timer.

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| HORIZONTAL | | | |
| 500 | 450 x 600 x 112 | 10,5 | NEM2481SEEC |
| 750 | 450 x 600 x 112 | 10,5 | NEM2482SEEC |
| 1000 | 610 x 600 x 112 | 13,8 | NEM2483SEEC |
| 1250 | 770 x 600 x 112 | 17,0 | NEM2484SEEC |
| 1500 | 930 x 600 x 112 | 20,5 | NEM2485SEEC |
| 2000 | 1170 x 600 x 112 | 25,4 | NEM2487SEEC |
| VERTICAL | | | |
| 1000 | 450 x 1280 x 135 mm | 21,4 | NEM2493SEEC |
| 1500 | 450 x 1280 x 135 mm | 21,8 | NEM2495SEEC |
| 2000 | 490 x 1280 x 135 | 24,7 | NEM2497SEEC |

* Width: when wall-mounted including mount





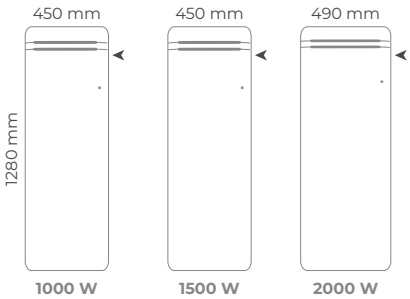
Satin white and grey rear

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●○○ | ●○○○○ | ●●●○○ |

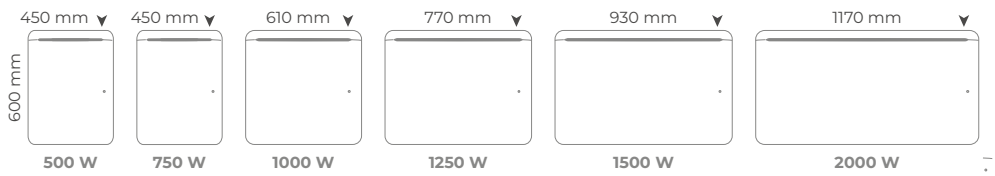
### VERTICAL MODELS

Width: 135 mm




### HORIZONTAL MODELS

Thickness: 112 mm




▼➤ Control panel located on appliance

CE | NF | Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158. | Class II IP24 - IK08 230 V single phase | 3-year warranty

## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Auto-planning mode
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire

* Except vertical models: CE

# R21

## Low-temperature radiator

Adapted to the requirements of crèches and nursery schools.



**R21**

Refers to the article
French safety regulations governing premises open to the public (ERP), which stipulates that "devices providing heating for nursery school premises must not be directly accessible if their surface temperature exceeds 60°C in normal operation".

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 126

## ADVANTAGES

- **Gentle heat with reduced surface temperature for child safety**
- Low-temperature front
- Rounded safety edges for children
- Anti-tilt safety chain



**A design for children's safety**

Made from 10-gauge steel, with internal reinforcements, special moulded corners and a backrest with safety chains, it is designed to withstand the heaviest impacts and prevent children from injuring themselves.

**A diffusing aluminium alloy emitter**

Dual ultra-diffusing emitters. One-piece, single-metal aluminium alloy transmitter with a surface treatment that optimises heat exchange.

| Power (W) | L x H x W** (mm) | Weight (kg) | Ref. White |
|---|---|---|---|
| 500 | 564 x 664 x 138 | 10,3 | M127111 |
| 750 | 700 x 664 x 138 | 12,6 | M127112 |
| 1000 | 860 x 664 x 138 | 16,0 | M127113 |
| 1500 | 1020 x 664 x 138 | 18,2 | M127115 |
| 2000 | 1254 x 664 x 138 | 23,4 | M127117 |

* Connected version for residential use only
** Thickness: wall-mounted with wall fixings





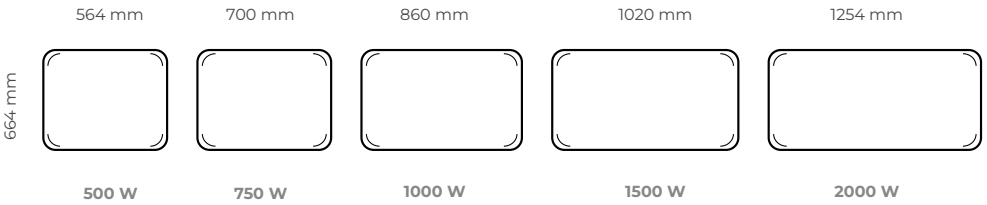
White satin

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●●● | ●○○○○ | ●●●●● |

**HORIZONTAL MODELS**

Thickness: 138 mm




## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Open window detection
- Landlord functions: simple lock, code lock pin, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- 6-core pilot wire

Class II
IP24 - IK10
230 V single phase

3-year warranty

# AXINO

## Solid and stable fluid inertia radiator

With its steel side cladding and stable
and recyclable mineral oil, Axino is a solid, comfortable fluid radiator for
demanding uses.




**YOUR CUSTOMERS WILL LOVE**

The aesthetics of a
central heating radiator.

A responsive and efficient fluid
radiator.

Solidity and compactness.

### 1 Heating element

**The immersion heater** heats
the mineral oil that fills the entire
aluminium radiator.
The fluid's inertia provides gentle,
stable heat.
Digital electronic controlprecisely
manages the operation of the heating
element to ensure the desired level of

comfort.



**Easy-to-use operation**

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| 500 | 410 x 583 x 130 | 10,9 | M142111 |
| 750 | 490 x 583 x 130 | 12,0 | M142112 |
| 1000 | 490 x 583 x 130 | 12,2 | M142113 |
| 1250 | 645 x 583 x 130 | 15,4 | M142114 |
| 1500 | 730 x 583 x 130 | 17,3 | M142115 |
| 2000 | 970 x 583 x 130 | 23,0 | M142117 |

* Width: when wall-mounted including mount





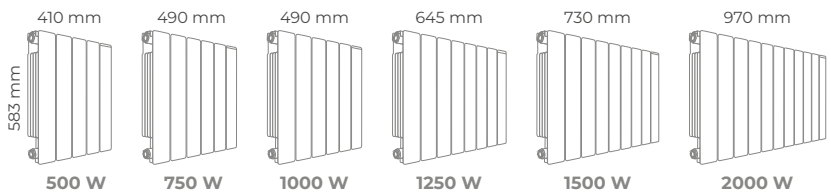
Smooth White

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●○ | ●●●○○ | ●●●○○ | ○○○○○ |

**HORIZONTAL MODELS**

Thickness: 130 mm




## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Open window detection
- Control locking
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- 6-core pilot wire

Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158.

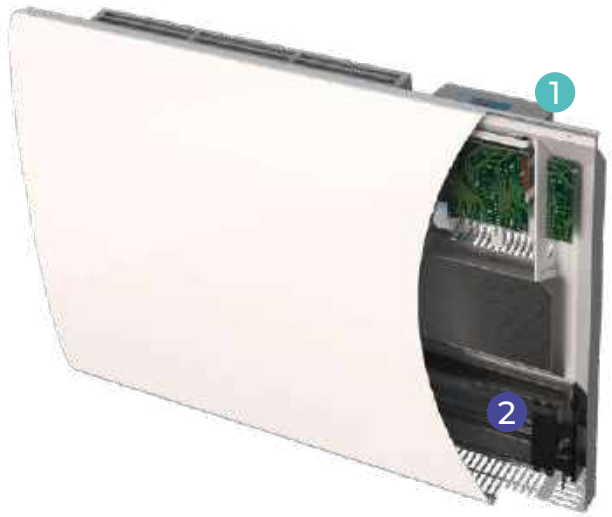
Class II
IP24 - IK08
230 V single phase

3-year warranty

# OSLO 2 new

## Soft heat radiator with smooth surface

The Oslo 2 replaces the Oslo in the same space, but with a thermostat with extended functions.




### YOUR CUSTOMERS WILL LOVE

The ideal size for replacing a radiant heater.

Gentle, responsive heat.

Flat satin white surface.

Origine France Garantie.

### 1 Ultra-precise digital electronic control

Precisely controls the operation of the heating element to guarantee the desired level of comfort.

### 2 Heating element

**The one-piece** aluminium heating body heats the front as a priority to ensure rapid heat distribution and even heat radiation. Its smooth surface provides gentle heat throughout the room.



### New user interface with backlit LCD display

new

**Special functions for landlords and hotels:**
- Pin code unlocking
- Range setting

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| HORIZONTAL | | | |
| 750 | 550 x 440 x 110 | 4,9 | M163112 |
| 1000 | 630 x 440 x 110 | 5,5 | M163113 |
| 1250 | 710 x 440 x 110 | 6,4 | M163114 |
| 1500 | 790 x 440 x 110 | 7,5 | M163115 |
| 2000 | 950 x 440 x 110 | 9,2 | M163117 |
| VERTICAL | | | |
| 1000 | 440 x 847 x 129 | 7,1 | M163213 |
| 1500 | 440 x 1057 x 129 | 8,8 | M163215 |

* Width: when wall-mounted including mount





White satin

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●○○ | ●○○○○ | ●●●●○ |

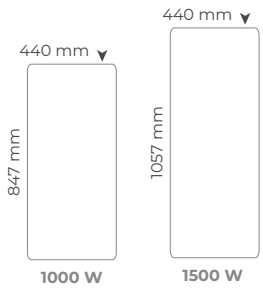
### HORIZONTAL MODELS

Width: 110 mm




### VERTICAL MODELS

Thickness: 124 mm




▼➤ Control panel located on appliance

Class II
IP24 - IK08
230 V single phase

3-year warranty

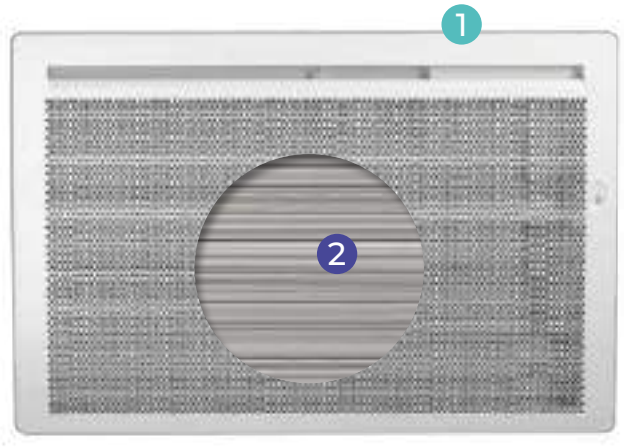
## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- 6-core pilot wire

# QUARTEA INTELLIGENT

## Radiant panel

The soft feeling of directly perceptible heat radiation. Connectable with the Intuis connect with Netatmo module, the intelligent Quartea is available in three models: horizontal, vertical and skirting board.




### YOUR CUSTOMERS WILL LOVE

The curved design optimises heat radiation.

An economical solution for heating living areas.

Origine France Garantie.

intuis connect with Netatmo

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 126

### 1 Ultra-precise digital electronic control

Precisely controls the operation of the heating element to guarantee the desired level of comfort.

### 2 Heating element

**The one-piece** aluminium heating element transmits heat silently, efficiently and quickly.



**Easy-to-use operation**

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| HORIZONTAL | | | |
| 300 | 450 x 440 x 113 | 3,8 | M126110 |
| 500 | 532 x 440 x 113 | 4,4 | M126111 |
| 750 | 532 x 440 x 113 | 4,4 | M126112 |
| 1000 | 637 x 440 x 113 | 5,3 | M126113 |
| 1250 | 742 x 440 x 113 | 6,1 | M126114 |
| 1500 | 845 x 440 x 113 | 7,0 | M126115 |
| 2000 | 1054 x 440 x 113 | 8,7 | M126117 |
| VERTICAL | | | |
| 1000 | 440 x 847 x 124 | 7,0 | M126213 |
| 1500 | 440 x 1057x 124 | 8,7 | M126215 |
| 2000 | 440 x 1162 x 124 | 9,5 | M126217 |
| SKIRTING BOARDS | | | |
| 500 | 640 x 284 x 99 | 3,7 | M126311 |
| 750 | 850 x 284 x 99 | 4,7 | M126312 |
| 1000 | 1060 x 284 x 99 | 5,8 | M126313 |

* Width: when wall-mounted including mount





White satin

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●●● | ○○○○○ | ●●●○○ |

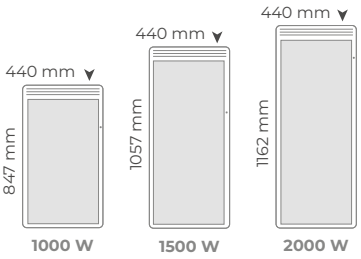
### SKIRTING BOARD MODELS

Width: 99 mm



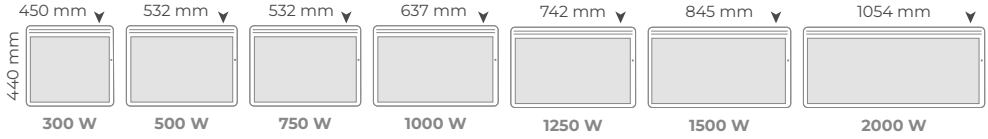

### VERTICAL MODELS

Thickness: 124 mm




### HORIZONTAL MODELS

Width: 113 mm




▼➤ Control panel located on appliance

## SAVINGS

- Accuracy to a 10th of a degree (0.1°)
- Behavioural indicator
- Absence detection
- Auto-planning mode
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire

CE | NF | Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158. | CEE | Class II | IP24 - IK08 | 230 V single phase | 3-year warranty

* Except for Skirting Boards: CE

# NOVIUM

## Smart convector

The modern multidimensional convector to meet all space issues in secondary rooms.




### YOUR CUSTOMERS WILL LOVE

Demanding design for an economical solution.

A wide variety of formats for optimum integration.

A connected solution to save money on in-demand rooms.

Origine France Garantie.

intuis connect with Netatmo

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 126

### 1 Ultra-precise digital electronic control

Precisely controls the operation of the heating element to guarantee the desired level of comfort.

### 2 Heating element

**The one-piece** aluminium heating element transmits heat silently, efficiently and quickly.



| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. White |
|---|---|---|---|
| HORIZONTAL | | | |
| 500 | 409 x 470 x 112 | 4,5 | M122111 |
| 750 | 409 x 470 x 112 | 4,5 | M122112 |
| 1000 | 489 x 470 x 112 | 5,1 | M122113 |
| 1250 | 569 x 470 x 112 | 5,6 | M122114 |
| 1500 | 649 x 470 x 112 | 6,2 | M122115 |
| 1750 | 769 x 470 x 112 | 7,1 | M122116 |
| 2000 | 849 x 470 x 112 | 7,7 | M122117 |
| VERTICAL | | | |
| 500 | 329 x 680 x 126 | 5,8 | M122211 |
| 750 | 369 x 680 x 126 | 6,2 | M122212 |
| 1000 | 409 x 680 x 126 | 6,7 | M122213 |
| 1500 | 569 x 680 x 126 | 8,5 | M122215 |
| 2000 | 769 x 680 x 126 | 10,7 | M122217 |
| LOW | | | |
| 750 | 569 x 360 x 107 | 5,0 | M122312 |
| 1000 | 649 x 360 x 107 | 5,6 | M122313 |
| 1500 | 849 x 360 x 107 | 7,1 | M122315 |
| 2000 | 1129 x 360 x 107 | 9,1 | M122317 |
| SKIRTING BOARD | | | |
| 500 | 850 x 230 x 105 | 4,0 | M122411 |
| 750 | 1130 x 230 x 105 | 6,1 | M122412 |
| 1000 | 1240 x 230 x 105 | 6,7 | M122413 |

* Width: when wall-mounted including mount







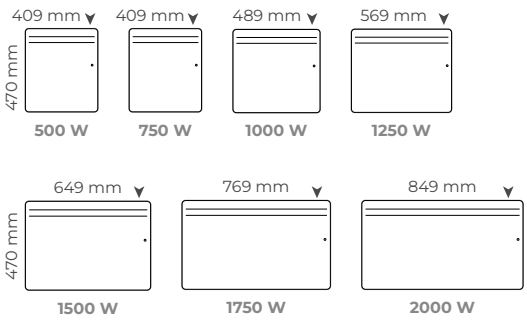
White satin

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●○○○○ | ●○○○○ | ○○○○○ |

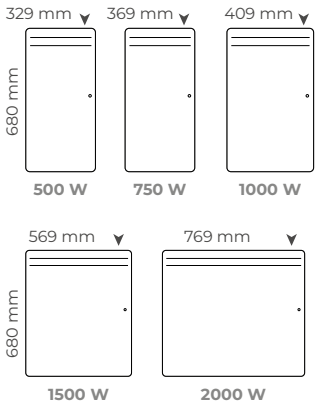
### HORIZONTAL MODELS

Thickness: 112 mm



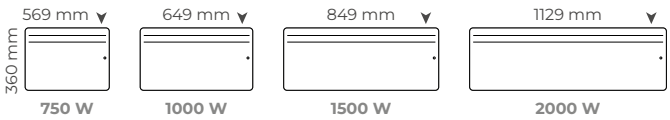

### VERTICAL MODELS

Width: 126 mm



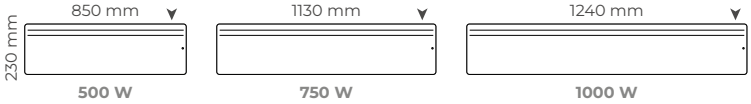

### LOW MODELS

Width: 107 mm




### SKIRTING BOARD MODELS

Width: 105 mm




▼➤ Control panel located on appliance

CE | Class II<br>IPX4 - IK08<br>230 V single phase | 3-year warranty

## SAVINGS

- Accuracy to a 10th of a degree
- Behavioural indicator
- Absence detection
- Auto-planning mode
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- 6-core pilot wire
- Digital pilot wire

# QUARTEA 2 new

## Radiant panel

Quartea 2 replaces Quartea with a thermostat with extended functions. It is available in horizontal and vertical versions, in a satin white finish, and has all the essential functions to simplify comfort and savings.




### YOUR CUSTOMERS WILL LOVE

With its curvaceous shape and clean lines,
it revolutionises the aesthetics of radiator panels.

It is just the right balance between radiant comfort
and energy savings.

Origine France Garantie.

| COMFORT | Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|---|
| | ●●●●● | ●●●●● | ○○○○○ | ●●●○○ |

### 1 Heating element

**The one-piece**
aluminium heating element transmits heat
silently,
efficiently and quickly.



**New user interface with backlit LCD display**

new

**Special functions for landlords and hotels:**
- Pin code unlocking
- Range setting

### SAVINGS

- Accuracy to a 10th of a degree (0.1°)
- Behavioural indicator
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Hotel function: settings lock and range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- 6-core pilot wire

| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. |
|---|---|---|---|
| HORIZONTAL | | | |
| 300 | 450 x 440 x 113 | 3,9 | M169110 |
| 500 | 532 x 440 x 113 | 4,5 | M169111 |
| 750 | 532 x 440 x 113 | 4,5 | M169112 |
| 1000 | 637 x 440 x 113 | 5,4 | M169113 |
| 1250 | 742 x 440 x 113 | 6,2 | M169114 |
| 1500 | 845 x 440 x 113 | 7,1 | M169115 |
| 2000 | 1054 x 440 x 113 | 8,8 | M169117 |
| VERTICAL | | | |
| 1000 | 440 x 847 x 124 | 7,1 | M169213 |
| 1500 | 440 x 1057x 124 | 8,8 | M169215 |
| 2000 | 440 x 1162 x 124 | 9,6 | M169217 |

* Width: when wall-mounted including mount

CE NF | Class II
IP24 - IK08
230 V single phase | 3-year warranty

# EUROSPOT

## Convector

The Eurospot is available in 7 wattages,
with a satin white finish, and has all the essential functions to simplify comfort and savings.




### YOUR CUSTOMERS WILL LOVE

Silent operation.

Precision setting.

Origine France Garantie.

**COMFORT**

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ○○○○○ | ○○○○○ | ○○○○○ |

### 1 Heating element

**The one-piece**
aluminium heating element transmits heat
silently,
efficiently and quickly.

### SAVINGS

- Accuracy to a 10th of a degree
- Open window detection
- Control locking
- 3 pre-recorded programmes
- Pre-recorded programming
- 6-core pilot wire




**Easy-to-use operation**

| Power (W) | L x H x W* (mm) | Weight (kg) | Ref. |
|---|---|---|---|
| 500 | 340 x 440 x 104 | 2,8 | M112111 |
| 750 | 340 x 440 x 104 | 2,8 | M112112 |
| 1000 | 420 x 440 x 104 | 3,4 | M112113 |
| 1250 | 500 x 440 x 104 | 3,8 | M112114 |
| 1500 | 580 x 440 x 104 | 4,5 | M112115 |
| 1750 | 660 x 440 x 104 | 5,0 | M112116 |
| 2000 | 740 x 440 x 104 | 5,7 | M112117 |

* Width: when wall-mounted including mount

Class II
IPx4 - IK08
230 V single phase

3-year warranty

# BI-JUNCTION

Dual connection means that charges can be shared between collective and individual housing. Collective housing provides a basic level of comfort, leaving the occupant free to modulate his or her comfort.




## YOUR CUSTOMERS WILL LOVE

A unique solution for hotels and landlords.

Convector and radiant panel.

Origine France Garantie.




**Easy-to-use operation**

### 1 Dual radiant element

The ultra-radiant, single-piece, single-metal elements, made from a special aluminium alloy, are designed to transfer heat responsively over their entire surface for immediate heat radiation directed towards the centre of the room.
The radiant panel has two radiant elements, one for each power supply.

### 2 Dual heating element for the convector

It provides a very rapid temperature rise and optimised heat exchange between the single-alloy heating element, made from a special aluminium alloy, and the room.

## SAVINGS

- Accuracy to a 10th of a degree
- Open window detection
- Control locking
- 3 pre-recorded programmes
- Pre-recorded programming
- 6-core pilot wire

**BI-JUNCTION MODELS - RADIANT**

Thickness: 117 mm




| Power (W) | L x H x W* (mm) | Weight (kg) | Information | Information |
|---|---|---|---|---|
| BI-JUNCTION RADIANT PANEL POWER DISTRIBUTION 1/2 - 1/2 | | | DB1** | DB43** |
| 1000 | 650 x 435 x 117 | 5,4 | M135110 | M135113 |
| 1500 | 860 x 435 x 117 | 6,0 | M135111 | M135114 |
| 2000 | 1070 x 435 x 117 | 7,0 | M135112 | M135115 |

** Only available in : 1/2 collective, 1/2 individual

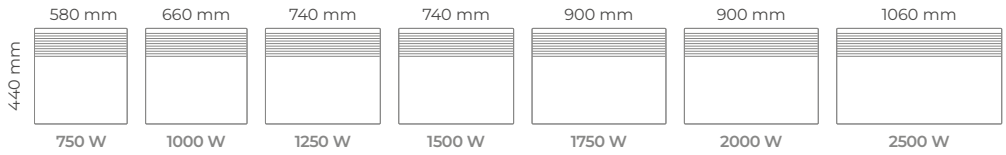
* Width: when wall-mounted including mount

CE | Class I IPX1- IK08 | Single-phase 230 V installation in accordance with NFC15100 and TE C15755 | 3-year warranty



**BI-JUNCTION MODELS - CONVECTORS**

Width: 102 mm




| Power (W) | L x H x W* (mm) | Weight (kg) | Information 1/2 - 1/2 | Information 2/3 - 1/3 | Information 1/3 - 2/3 |
|---|---|---|---|---|---|
| CONVECTOR DB1 - INFORMATION ACCORDING TO POWER DISTRIBUTION | | | | | |
| 750 | 580 x 440 x 102 | 4,9 | M134126 | - | - |
| 1000 | 660 x 440 x 102 | 5,4 | M134110 | - | - |
| 1250 | 740 x 440 x 102 | 6,0 | M134111 | M134113 | M134112 |
| 1500 | 740 x 440 x 102 | 6,0 | M134114 | M134116 | M134115 |
| 1750 | 900 x 440 x 102 | 7,0 | M134117 | M134119 | M134118 |
| 2000 | 900 x 440 x 102 | 7,0 | M134120 | M134122 | M134121 |
| 2500 | 1060 x 440 x 102 | 8,1 | M134123 | M134125 | M134124 |
| CONVECTOR DB3 - INFORMATION ACCORDING TO POWER DISTRIBUTION | | | | | |
| 750 | 580 x 440 x 102 | 4,9 | M134143 | - | - |
| 1000 | 660 x 440 x 102 | 5,4 | M134127 | - | - |
| 1250 | 740 x 440 x 102 | 6,0 | M134128 | M134130 | M134129 |
| 1500 | 740 x 440 x 102 | 6,0 | M134131 | M134133 | M134132 |
| 1750 | 900 x 440 x 102 | 7,0 | M134134 | M134136 | M134135 |
| 2000 | 900 x 440 x 102 | 7,0 | M134137 | M134139 | M134138 |
| 2500 | 1060 x 440 x 102 | 8,1 | M134140 | M134142 | M134141 |
| CONVECTOR DB4 - INFORMATION ACCORDING TO POWER DISTRIBUTION | | | | | |
| 750 | 580 x 440 x 102 | 4,9 | M134159 | - | - |
| 1000 | 660 x 440 x 102 | 5,4 | M134144 | - | - |
| 1250 | 740 x 440 x 102 | 6,0 | M134145 | M134147 | M134146 |
| 1500 | 740 x 440 x 102 | 6,0 | M134148 | M134150 | M134149 |
| 1750 | 900 x 440 x 102 | 7,0 | M134151 | M134153 | M134152 |
| 2000 | 900 x 440 x 102 | 7,0 | M134154 | M134156 | M134155 |
| 2500 | 1060 x 440 x 102 | 8,1 | M134157 | M134160 | M134158 |

Distribution of power, the first figure represents the energy supplied by the collective, the second the energy supplied by the individual dwelling meter (example: 1500 W in 2/3 - 1/3, 1000 W collective, 500 W individual).

* Width: when wall-mounted including mount

CE | Class I IPX1 - IK08 | Single-phase 230 V installation in accordance with NFC15100 and TE C15755 | 3-year warranty

# ACCUTHERM

## Dynamic heat storage radiator for off-peak hours

The Accutherm is available in three versions, low, extra-flat and high, and several power ratings. It can be fitted with modules adapted to different usage configurations to optimise energy savings.



## YOUR CUSTOMERS WILL LOVE

A radiator designed to store heat when electricity is cheaper or "green", a solution for reducing electricity bills and/or your carbon footprint.

Its high level of natural radiation and air diffusion close to the floor guarantee ideal comfort throughout the day.

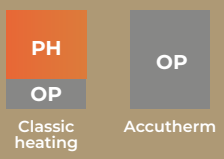
A choice of load regulation and comfort, from fully manual to fully automatic, taking into account the insulation and inertia of the building.

Origine France Garantie.

## SAVINGS

### Intelligent, high-precision, easy-to-use dual control

It manages the heat load according to requirements and the remaining load and allows very precise regulation of the ambient temperature which avoids heat surges in order to combine comfort and energy savings on an ideal level.




### Savings on the reduced "Off-peak hours" tariff

Accutherm provides substantial savings on the electricity bill compared with a conventional radiator, which operates mainly at the full Peak Hours (PH) rate by taking up heat during Off-peak Hours (OP), when the energy rate is more favourable, and releasing it throughout the day as required

| Power (W) | Charge 8h (kWh) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|---|
| LOW SERIES | | | | |
| 2000 | 16 | 605 x 690 x 310 | 120,0 | M100222 |
| 3000 | 24 | 780 x 690 x 310 | 170,0 | M100224 |
| 4000 | 32 | 935 x 690 x 310 | 220,0 | M100225 |
| 5000 | 40 | 1110 x 690 x 310 | 270,0 | M100227 |
| 6000 | 48 | 1260 x 690 x 310 | 320,0 | M100228 |
| 7500 | 60 | 1420 x 690 x 310 | 370,0 | M100229 |
| EXTRA FLAT SERIES | | | | |
| 1500 | 12 | 635 x 690 x 220 | 100,0 | M100121 |
| 2000 | 16 | 780 x 690 x 220 | 130,0 | M100122 |
| 2500 | 20 | 925 x 690 x 220 | 160,0 | M100123 |
| 3000 | 24 | 1070 x 690 x 220 | 190,0 | M100124 |
| 4000 | 32 | 1360 x 690 x 220 | 260,0 | M100125 |
| HIGH SERIES | | | | |
| 4500 | 36 | 610 x 830 x 490 | 225,0 | M100326 |
| 6000 | 48 | 770 x 830 x 490 | 320,0 | M100328 |
| 7500 | 60 | 770 x 830 x 490 | 355,0 | M100329 |

* Width: when wall-mounted including mount



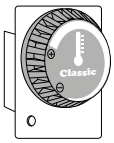
intuis

## COMFORT

| Responsiveness | Heat | Inertia | Heated front |
|---|---|---|---|
| ●●●●● | ●●●●● | ●●●●● | ●●●●○ |

### Precise, easy-to-use controls

Simply choose the control module of your choice and clip it in place to change batteries and simplify their use, automating charging and recharging and making substantial savings.




### Tronic module

The Tronic module makes the battery self-operational in terms of comfort settings and a manually regulated charge, unless it is supplemented by an outdoor sensor to optimise the charge according to climatic conditions.

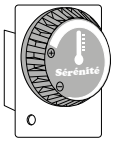
**Ref: M090012**




### Integral SHC module

The Integral SHC module has been developed for collective housing. It has all the functions of the Integral module, plus for tenants action on the preset comfort range limited to + or - 3°C.

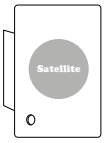
**Ref: M090014**




### Integral module

The Integral module is fully automatic and completely autonomous, with no accessories. It regulates the load by taking into account the load history and inertia of the building.

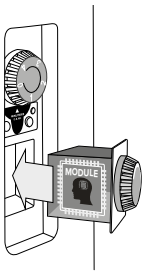
**Ref: M090013**




### Satellite module

The Satellite module receives the instructions sent by an battery fitted with one of the Integral modules, via a single wire (bus), for operation in perfect harmony.

**Ref: M090015**




### Control modules

Optional to be inserted into the housing without opening the appliance and without wiring.



### 3 size options

The only range of radiators available in 3 sizes, so you can vary their thickness and width to install them wherever space is available.

### Accessories

| | | Compatibility | Information |
|---|---|---|---|
| A | External load sensor individual 8h 0/10V | A-Class and Tronic | M090018 |
| B | External load sensor individual 24h 0/10V | A-Class and Tronic | M090017 |
| C | Wall-mounted room sensor | Tronic, Integral and SHC | M090016 |
| D | Foot with castors for handling (low series, per unit)** (low series, per unit) | | M090019 |
| E | Foot with castors for handling (extra-flat series, per unit)** | | M090021 |
| F | Foot with castors for handling (high series, per unit)** (high series, per unit) | | M090020 |

A
B



C



D
E
F



CE | 230 V single phase<br>IP 21 - IK 08<br>Class I | Three-phase 230 V | Three-phase 400 V + N | 3-year warranty

** "Low Series" appliances in 6 kW and 7.5 kW require 3 feet, all other series require 2.

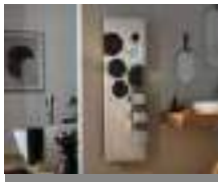


# BATHROOM





# Bathroom
## Selection guide



**OOK**

Towel warmer radiator with gentle heat

Page 66



**BALICA**

Towel warmer radiator with gentle heat

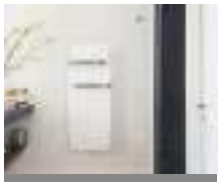
Page 68



**SENSUAL BAIN**

Towel warmer radiator with gentle heat

Page 70



**ETIC BAIN**

Towel warmer radiator with gentle heat

Page 72



**HELIA**

Towel warmer radiator compact

Page 74

## Design

| | OOK | BALICA | SENSUAL BAIN | ETIC BAIN | HELIA |
|---|---|---|---|---|---|
| Models |  |  |  |  |  |
| Colours |  |  |  |  |  |
| Power | 1500 W | from 1500 to 1650 W | from 500 to 750 W | 1500 W | 1200 W |

## Connectivity

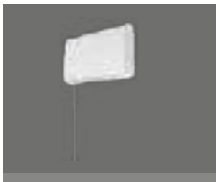
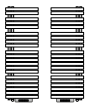
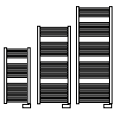
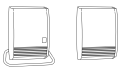
| | OOK | BALICA | SENSUAL BAIN | ETIC BAIN | HELIA |
|---|---|---|---|---|---|
| Connectivity |  |  Optional |  Optional |  Optional | Can only be integrated into an installation connected via pilot wire |

## Comfort

| | OOK | BALICA | SENSUAL BAIN | ETIC BAIN | HELIA |
|---|---|---|---|---|---|
| Soft radiation | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Responsiveness | ●●●●● | ●●●●● | ●●●●● | ●●●●● | ●●●●● |
| Ease of hanging | ●●●●○ | ●●●●● | ●●●●○ | ●●●●○ | ●●●●● |

## Heating technology

| | OOK | BALICA | SENSUAL BAIN | ETIC BAIN | HELIA |
|---|---|---|---|---|---|
| Radiant front | ✔ | ✔ | ✔ | ✔ | ✔ |
| Fan | ✔ | ✔ | | ✔ | ✔ |
| Heat-transfer fluid | | | | | |
| Infrared transmitter | | | | | |

| | new | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| **OSYA** | **EZYBAIN** | **NAO** | **ARIOS D / DS** | **DIGATE** | **ROYATZ** |
| **Fluid towel warmer radiator** | **Fluid towel warmer radiator: integrated adjustment within easy reach, with or without fan** | **Fluid towel warmer radiator** | **Fan heater** | **Fan heater** | **Infrared** |
| Page 76 | Page 78 | Page 80 | Page 82 | Page 83 | Page 83 |
|  |  |  |  |  |  |
| from 1500 to 1750 W | 40 cm: 300 W / 1300 W<br>50 cm: 500 / 1750 W<br>60 cm: 1000 / 2000 W | 40 cm: 300 / 500 W<br>50 cm: 500 / 750 W<br>60 cm: 1000 W | 1000 / 2000 W | 1000 / 2000 W | from 600 to 1200 W |
| NA | NA | NA | NA | NA | NA |
| ●●●○○<br>●●●○○<br>●●●●● | ●●●●○<br>●●●●○<br>●●●●● | ●●●○○<br>●●○○○<br>●●●○○ | ○○○○○<br>●●●●●<br>●●●○○ (Arios DS only) | ○○○○○<br>●●●●●<br>○○○○○ | ○○○○○<br>●●●●●<br>○○○○○ |
| | ✔ | | ✔ | ✔ | |
| ✔ | ✔ | ✔ | | | |
| | | | | | ✔ |

# OOK

Playful,
soft-heat design towel warmer with fan

**A towel rail with a playful design that gets you in the bathroom mood.**
Fitted with a discreet fan and **a magnifying mirror (x7)**
the Ook features a white front with bubble-shaped cutouts to create an effect of depth with the anthracite back panel.



## YOUR CUSTOMERS WILL LOVE

- Its bubble design that is both playful and functional.
- Built-in illuminated magnifying mirror.
- Soft, enveloping warmth enhanced by its fan.
- Energy savings are managed in smart mode.
- Origine France Garantie.

### 1 Ultra-precise digital electronic control

Precisely controls the operation of the heating element to guarantee the desired level of comfort.

### 2 Heating element

**The one-piece** aluminium heating element transmits heat silently with efficiency and speed.

### Discreet fan

For additional heat, Ook has a discreet fan that is independent of the front, discreet and fitted with a cleanable dust filter.




**Easy-to-use electronic controls with backlit LCD screen**

**Cleanable dust filter with maintenance indicator**

| Power (W) | | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|---|
| 1500 | 750 + 750 fan | 440 x 1500 x 138 | 29,0 | NEK2525TCEC |

* Thickness: when wall-mounted including mount





White satin
and anthracite

## COMFORT

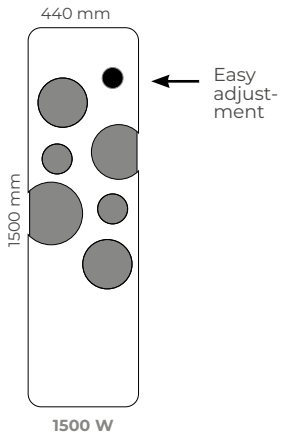
**Soft radiation** ●●●●●

**Responsiveness** ●●●●●

**Ease of hanging** ●●●●○

**MODEL**

Thickness: 138 mm




intuis connect with Netatmo

MODULE 100% connecté INCLUS

**MORE INFO**
SEE PAGE 92

CE | Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158. | Class II IP24 - IK08 230 V single phase | 3-year warranty

## SAVINGS

- ACCURATE TO 1/10TH OF A DEGREE.
- Behavioural indicator
- Absence detection
- Automatic smart boost
- Boost adjustable from 15 minutes to 2 hours
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire
- 6-core pilot wire

# BALICA

## Soft heat towel warmer radiator

**Asymmetrical design that is really practical for towels, as well as classic and stylish.**
Compatible with the Intuis Connect with Netatmo module, the Balica is available in static, dynamic, white satin and anthracite models. The most essential feature is the discreet, efficient fan.



### YOUR CUSTOMERS WILL LOVE

Asymmetrical design that makes it easy to hang towels.

Soft, enveloping warmth enhanced by its fan.

Energy savings are managed in smart mode.

Origine France Garantie.



**1 Ultra-precise digital electronic control**
Precisely controls the operation of the heating element to guarantee the desired level of comfort.

**2 Heating element**
**The one-piece** aluminium heating element transmits heat silently with efficiency and speed.

**Discreet fan**
For additional heat, Balica has a fan that is independent of the front, discreet and fitted with a cleanable dust filter.

**Cleanable dust filter with maintenance indicator**

**Easy-to-use operation**

| | Power (w) | L x H x W* (mm) | Weight (kg) | Ref. White | Ref. Anthracite |
|---|---|---|---|---|---|
| WITH FAN | | | | | |
| 1500 | 500 + 1000 fan | 506 x 1148 x 138 | 11,5 | M109215 | M109225 |
| 1650 | 650 + 1000 fan | 506 x 1463 x 138 | 14,0 | M109216 | M109226 |
| STATIC | | | | | |
| 500 | | 506 x 1148 x 120 | 9,0 | M109211 | M109221 |
| 650 | | 506 x 1463 x 120 | 11,5 | M109212 | M109222 |

* Thickness: when wall-mounted including mount





Anthracite grey



White satin

## COMFORT

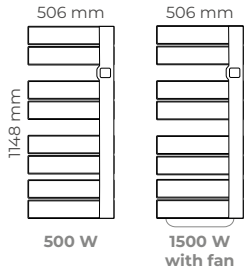
**Soft radiation** ●●●●●

**Responsiveness** ●●●●●

**Ease of hanging** ●●●●●

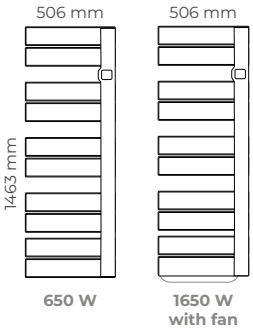
**MODELS**

Thickness: 120 mm




**MODELS**

Thickness: 138 mm (fan)




Intuis connect with Netatmo

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 92

## SAVINGS

- Accurate to 1/10th of a degree
- Behavioural indicator
- Absence detection
- Boost adjustable from 15 minutes to 2 hours
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire
- 6-core pilot wire

CE

Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158.

Class II
IP24 - IK08
230 V single phase

3-year warranty

# **SENSUAL** BAINS

## Soft heat radiator and towel dryer

**Ultra-thin, extra-flat design**
Connectable with the intuis connect with Netatmo module, Sensual Bains is available in two power ratings, finished in white satin. The detail that makes all the difference: a dual coat hook with a choice of 4 colours to match the bathroom's ambient colours.



### YOUR CUSTOMERS WILL LOVE

An extra-flat, ultra-thin radiator.

Soft, radiant heat.

Energy savings are managed in smart mode.

Origine France Garantie.

### 1 Ultra-precise digital electronic control

Precisely controls the operation of the heating element to guarantee the desired level of comfort.

### 2 Heating element

**The one-piece** aluminium heating element transmits heat silently with efficiency and speed.




**Cleanable dust filter with maintenance indicator**



**Dual hook included with a choice of 4 colours**

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| 500 | 442 x 1510 x 65 (137 with rails) | 18,2 | NEK2501TCEC |
| 750 | 442 x 1510 x 65 (137 with rails) | 19,2 | NEK2502TCEC |

* Thickness: when wall-mounted including mount





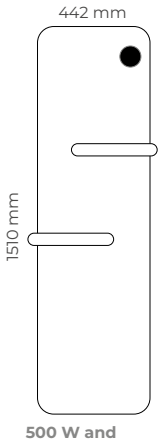
White satin

## COMFORT

| Soft radiation | Responsiveness | Ease of hanging |
|---|---|---|
| ●●●●● | ●●●●● | ●●●●○ |

**MODELS**

Thickness: 65 mm (137 mm with rails)




**500 W and 750 W**

intuis connect with Netatmo

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 92

## SAVINGS

- Accurate to 1/10th of a degree
- Behavioural indicator
- Absence detection
- Automatic smart boost
- Boost adjustable from 15 minutes to 2 hours
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire
- 6-core pilot wire

CE

Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158.

Class II
IP24 - IK08
230 V single phase

3-year warranty

# **ETIC** BAINS

## Soft heat towel warmer radiator with fan

**Stylish, elegant, practical, high-performance and connectable via the Intuis Connect with Netatmo module.**
The details that make all the difference: an integrated fan and bars that can be repositioned in height (integrated peg) to the left or right as required for hanging up a towel or bathrobe.



### YOUR CUSTOMERS WILL LOVE

- Stainless steel drying bars.
- Elegant, discreet style.
- Express heat diffusion.
- Energy savings are managed in smart mode.
- Origine France Garantie.

**1 Ultra-precise digital electronic control**
Precisely controls the operation of the heating element to guarantee the desired level of comfort.

**2 Heating element**
**One-piece heating element:** optimised for gentle and rapid heat diffusion.

**Discreet fan**
For additional heat, Etic bains has a discreet fan that is independent of the front and fitted with a cleanable dust filter.



**Cleanable dust filter with maintenance indicator**

| Power (W) | | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|---|
| 1500 | 700 + 800 fan | 440 x 1074 x 152 | 14,4 | NEK2455SEEC |

* Thickness: when wall-mounted including mount





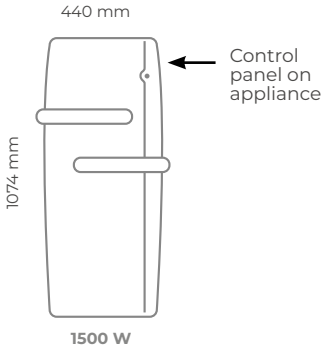
White satin

## COMFORT

| Soft radiation | Responsiveness | Ease of hanging |
|---|---|---|
| ●●●●● | ●●●●● | ●●●●○ |

**MODEL**

Thickness: 152 mm




Intuis connect with Netatmo

**OPTIONAL MODULE**
CONNECTION



**MORE INFO**
SEE PAGE 92

## SAVINGS

- Accurate to 1/10th of a degree
- Behavioural indicator
- Absence detection
- Boost adjustable from 15 minutes to 2 hours
- Open window detection
- Landlord functions: simple locking, pin code locking, range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire
- 6-core pilot wire

CE

Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158.

Class II
IP24 - IK08
230 V single phase

3-year warranty

# HELIA

## Soft heat towel warmer radiator with fan

Compact and powerful enough for small bathrooms, Helia is available in two trendy colours, white satin and anthracite. The details that make all the difference: a built-in fan and two bars that can be repositioned to the left or right to make hanging towels easier.



### YOUR CUSTOMERS WILL LOVE

- Convenient drying with up/down and right/left multi-position bars.
- A compact, uncluttered style.
- Express heat distribution reinforced by the fan.
- Energy savings due to presence detectors and open window detectors.
- Origine France Garantie.

**1 Ultra-precise digital electronic control**

Precisely controls the operation of the heating element to guarantee the desired level of comfort.

**2 Heating element**

**The one-piece** aluminium heating element transmits heat silently with efficiency and speed.

**Discreet fan**

For additional heat, Helia has a fan that is independent of the front, discreet and fitted with a cleanable dust filter.

**Cleanable dust filter with maintenance indicator**




**Easy-to-use operation**

| | Power (w) | L x H x W* (mm) | Weight (kg) | Ref. White | Ref. anthracite |
|---|---|---|---|---|---|
| 1200 | 500 + 700 fan | 360 x 742 x 172 | 7,6 | NEK2514SEEC | NEK2514SEHS |

* Thickness: when wall-mounted including mount





White satin



Anthracite

## COMFORT

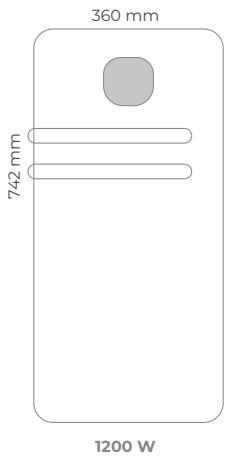
**Soft radiation** ●●●●●

**Responsiveness** ●●●●●

**Ease of hanging** ●●●●●

**MODEL**

Thickness: 172 mm




**CAN BE CONNECTED** ONLY VIA PILOT WIRE

**MORE INFO** SEE PAGE 135

## SAVINGS

- Accurate to 1/10th of a degree
- Behavioural indicator
- Absence detection
- Open window detection
- Boost adjustable from 15 minutes to 2 hours
- Landlord functions: simple locking, pin code locking, range setting
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- Digital pilot wire
- 6-core pilot wire

Energy Efficiency Certificate (EEC) advanced functions complying with the requirements of data sheet BAR-TH-158.

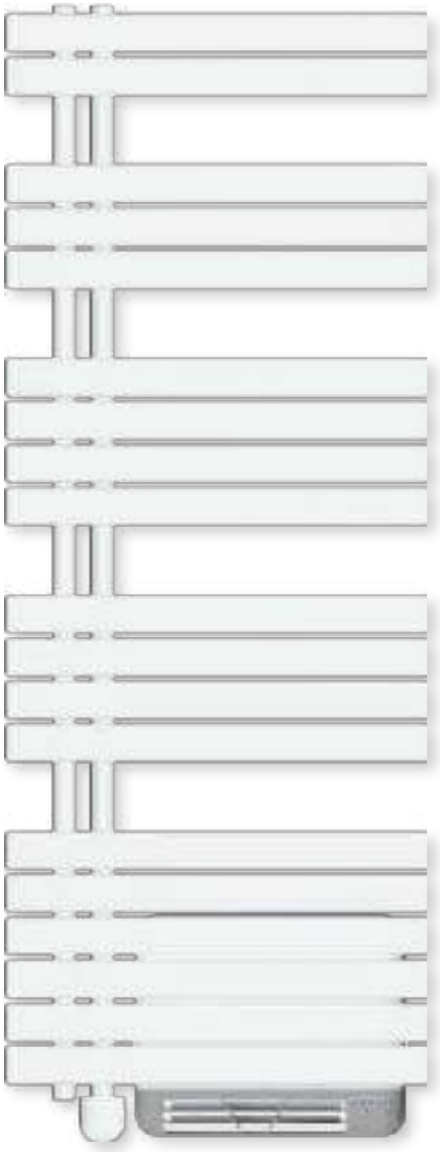
Class II
IP24 - IK08
230 V single phase

3-year warranty

# OSYA

## Asymmetrical towel warmer with fan

**Classic asymmetrical fluid radiator, beautifully designed and well thought out.**
Osya is available in two power ratings. The details that make all the difference: a fan for rapid heat-up.



### YOUR CUSTOMERS WILL LOVE

Asymmetrical left and right to fit any space.

An extra-flat, ultra-thin radiator.

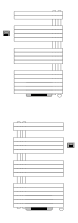
A fan for a quick boost of heat.

### Discreet fan

For additional heat, Osya has a fan that is independent of the front, discreet and fitted with a cleanable dust filter.




**Remote wall control with radio link, can be installed anywhere in the room.**



| Power (W) | | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|---|
| OSYA FAN (VERTICAL MANIFOLDS ON RIGHT) | | | | |
| 1500 | 500 + 1000 fan | 550 x 1114 x 110 | 13,6 | NEK2555FDTP |
| 1750 | 750 + 1000 fan | 550 x 1478 x 110 | 18,3 | NEK2556FDTP |
| OSYA BLOWER (VERTICAL MANIFOLDS ON LEFT) | | | | |
| 1500 | 500 + 1000 fan | 550 x 1114 x 110 | 13,6 | NEK2555FGTP |
| 1750 | 750 + 1000 fan | 550 x 1478 x 110 | 18,3 | NEK2556FGTP |

* Thickness: when wall-mounted including mount





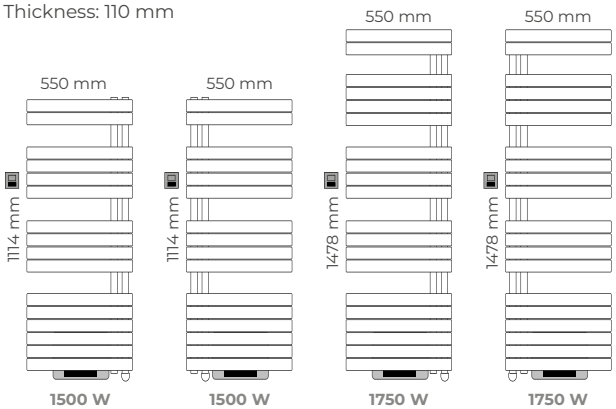
White satin

## COMFORT

| Soft radiation | Responsiveness | Ease of hanging |
|---|---|---|
| ●●●○○ | ●●●○○ | ●●●●● |

**MODELS**

Thickness: 110 mm




CE | Class II
IP24 - IK08
230 V single phase | 3-year warranty

## SAVINGS

- Precise electronic regulation
- Open window detection
- Boost adjustable from 15 minutes to 2 hours
- Flexible daily and weekly programming
- Pre-recorded programming
- 6-core pilot wire
- Cleanable dust filter

# EZYBAIN & EZYBAIN BOOST

new

Fluid towel warmer range designed and manufactured in France by Intuis*.
Practical and comfortable, with built-in repositionable pegs and a tilting drying bar, and ergonomic controls within easy reach.

## EZYBAIN




300 W L 400 | 500 W L 500 | 500 W L 400 | 750 W L 500 | 1000 W L 600

### YOUR CUSTOMERS WILL LOVE

- The gentle warmth of fluid inertia.
- Hot towels and bathrobes at the right time.
- Large hanging capacity.
- The steel fan with cleanable dust filter can be operated for up to 2 hours.
- The repeat function sets the BOOST option without further hassle.
- Space-saving formats.
- Made in France.

## **EZYBAIN** BOOST

Boost fan 800 to 1000 W




1100 W L 400 | 1500 W L 500 | 1300 W L 400 | 1750 W L 500 | 2000 W L 600

### Cleanable dust filter with maintenance indicator

### Increased drying capacity

2 multi-position bathrobe with hooks and swivel bar included






### Control interface at your fingertips

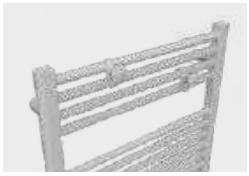
Large backlit LCD display

### Fixings

Fixings adapted to the bathroom. 4 depth-adjustable fixing brackets to absorb differences in thickness caused by wall tiling. The 2 top fixings are hidden at the back to free up drying space.

Ezybain is designed and manufactured in our factories in France. However, the proportion of components of foreign origin means that the Origine France Garantie criteria cannot be met.





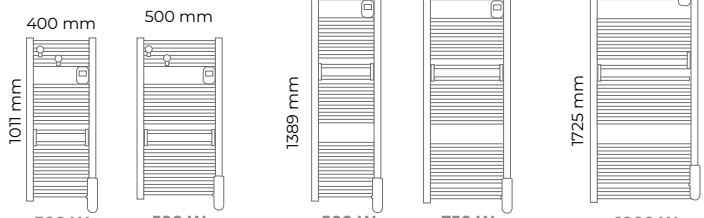
White

## COMFORT

| Soft radiation | Responsiveness | Ease of hanging |
|---|---|---|
| ●●●●○ | ●●●●○ | ●●●●● |

### STATIC EZYBAIN

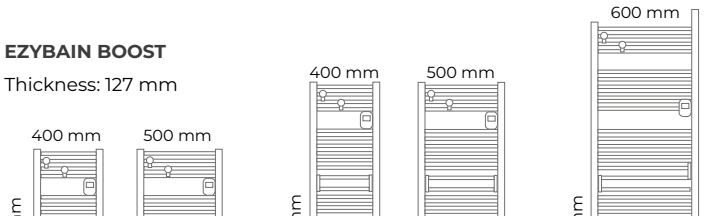
Thickness: 103 mm




| 300 W | 500 W | 500 W | 750 W | 1000 W |
|---|---|---|---|---|
| 9.1 kg | 10.6 kg | 12.5 kg | 14.5 kg | 20.3 kg |
| **M172110** | **M172311** | **M172111** | **M172312** | **M172513** |

### EZYBAIN BOOST

Thickness: 127 mm




| 1100 W | 1500 W | 1300 W | 1750 W | 2000 W |
|---|---|---|---|---|
| 14 kg | 16 kg | 16.5 kg | 18.5 kg | 24.3 kg |
| **M172214** | **M172415** | **M172215** | **M172416** | **M172617** |

CE | NF | Class II<br>IP24 - IK08<br>230 V single phase | 3-year warranty

## SAVINGS

- Accurate to 1/10th of a degree
- Behavioural indicator
- Open window detection
- Boost adjustable from 15 minutes to 2 hours
- Repeat function: 2 BOOST times in the morning and evening
- Landlord functions: simple locking, pin code locking, range setting
- Temperature calibration
- Flexible daily and weekly programming
- 3 pre-recorded programmes
- 3 flexible programmes
- 6-core pilot wire

# NAO

## Fluid towel warmer with cylindrical tubes

Nao is available in three models and several power ratings,
as well as in a narrow white model.



**YOUR CUSTOMERS WILL LOVE**

Traditional radiator,
a good economical option.



**Nao**

- Integrated control panel
- Integrated programming
- Open window detection
- Backlit digital display

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| NAO STATIC | | | |
| 500 W | 500 x 944 x 130 | 10,6 | M121311 |
| 750 W | 500 x 1322 x 130 | 14,5 | M121312 |
| 1000 W | 600 x 1658 x 130 | 20,3 | M121513 |
| NAO STATIC NARROW | | | |
| 300 W | 400 x 944 x 130 | 9,1 | M121110 |
| 500 W | 400 x 1322 x 130 | 12,5 | M121111 |

* Thickness: when wall-mounted including mount





White

## COMFORT

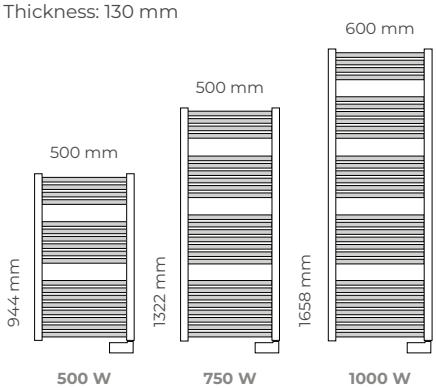
**Soft radiation** ●●●○○

**Responsiveness** ●●○○○

**Ease of hanging** ●●●○○

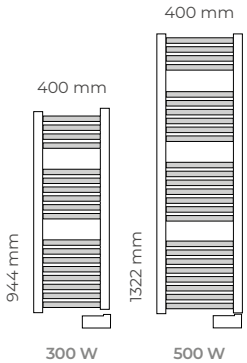
**NAO**

Thickness: 130 mm




**NAO NARROW**

Thickness: 130 mm




## SAVINGS

- Precise electronic regulation
- Open window detection
- Adjustable boost from 15 minutes to 2 hours
- Flexible daily and weekly programming
- Pre-recorded programming
- 6-core pilot wire

CE NF

Class II
IP44 - IK08
230 V single phase

3-year warranty

* Dynamic model: CE

# **ARIOS** DS **&** D

## Electrically controlled fan

Arios is available in two versions, **heating + drying** with a drying rail or **heating** in satin white. It also boasts 1000 W of regulated power and a 2000 W turbo mode.



### **ARIOS** DS
### heating + drying version

- Power Regulation - 1000 W
- Turbo power - 2000 W
- Width 41 cm
- 1000 W temperature control
- Timed override operation (max. 120 minutes) at 2000 W
- Fan with cleanable dust filter
- All-steel bodywork

**YOUR CUSTOMERS WILL LOVE**

Compact style.

Origine France Garantie.



### **ARIOS** D
### heating version

- Power Regulation - 1000 W
- Turbo power - 2000 W
- Width 31 cm

### Practical controls & energy-saving functions

The control panel is designed to be very easy to use, so you can get the most from the appliance with ease. With its sensors and advanced bathroom functions, it is responsive to its environment.
It also lets you programme the bathroom and hot towels for each day of the week at the times you want, so you can make maximum savings with the best comfort at the right time.

### Efficient heating

In all cases, warm air is fanned towards the centre of the bathroom to bring a feeling of comfort to the user as quickly as possible.

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| ARIOS | | | |
| 1000 / 2000 | 310 x 410 x 140 | 4,7 | M132117 |
| ARIOS DS | | | |
| 1000 / 2000 | 410 x 485 x 165 | 5,2 | M132217 |

* Thickness: when wall-mounted including mount

CE | Class II<br>IP24 - IK08<br>230 V single phase | 3-year warranty

# DIGATE

## Space-saving fan

Ideal above the door or a mirror.
Suitable for small spaces.



- Practical and discreet
- The Digate space-saving fan, placed high up (above a door or washbasin) is recommended for shower rooms, bathrooms and kitchens.
- Always effective
- its dual 1000 W/2000 W output means it can adapt to requirements throughout the winter season
- With its timer (15 minutes), it is perfectly suited for public places (hotels, sports centres etc)
- All-steel bodywork

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| WITH 15-MINUTE TIMER | | | |
| 1000 / 2000 | 290 x 230 x 136 | 2,9 | M148117 |

* Thickness: when wall-mounted including mount

CE | Class II IP24 - IK08 230 V single phase | 3-year warranty

# ROYATZ

## Space-saving infrared

Ideal above the door or a mirror.
Suitable for small spaces.

- Available in 600 to 1200 W versions
- The Royatz infrared is equipped with a timer (15 minutes)
- The control panel can be installed on either the left or right side



| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| WITH 15-MINUTE TIMER | | | |
| 600 | 450 x 155 x 131 | 1,0 | M131112 |
| 1200 | 450 x 155 x 131 | 1,1 | M131114 |

* Thickness: when wall-mounted including mount

CE | Class II IP24 - IK08 230 V single phase | 3-year warranty

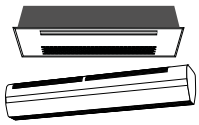




# SERVICES & INDUSTRY

Offering solutions
for efficient heating systems
in services and industry.

# Services and industry
## Selection guide

| | LIMIT ENERGY LOSSES BY CREATING AN INVISIBLE SCREEN | | GENERAL HEATING | |
|---|---|---|---|---|
| | STOPAIR AIR CURTAINS | | AIRPULS E FAN HEATERS | DYBOX MT CASSETTE MEDIUM TEMPERATURE |
| |  |  |  |  |
| | Page 88 | Page 88 | Page 94 | Page 100 |

## Usage

| COMMERCIAL PREMISES WITH SMALL ENTRANCES AND FREQUENT OPENINGS | COMMERCIAL PREMISES WITH WIDE ENTRANCES AND FREQUENT OPENINGS | MEDIUM-INSULATED LARGE COMMERCIAL AND INDUSTRIAL PREMISES | PREMISES WITH LARGE CEILING HEIGHT |
|---|---|---|---|
| ▸ *Stores*<br>▸ *Ticket offices*<br>▸ *Small shops*<br>▸ ... | ▸ *Exhibition rooms*<br>▸ *Showroom*<br>▸ *Stores*<br>▸ ... | ▸ *Warehouses*<br>▸ *Industries*<br>▸ *Sports halls*<br>▸ *Showrooms*<br>▸ | ▸ *Gyms*<br>▸ *Hangars*<br>▸ *Showroom*<br>▸ ... |

## Insulation

| | | | | | |
|---|---|---|---|---|---|
| Sheltered outdoor areas |  | — | — | — | — |
| Poorly insulated |  | — | — | — | — |
| Moderately insulated |  | ✔ | ✔ | ✔ | ✔ |
| Well insulated |  | ✔ | ✔ | ✔ | ✔ |

## Installation

| | | | |
|---|---|---|---|
| › WALL<br>› CEILING | › WALL<br>› CEILING<br>› RECESSED | › WALL<br>› CEILING<br>› FLOOR | › CEILING |

## NEW

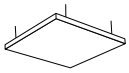
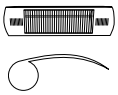
**View our new configurator sizing tool designed to help you estimate the cost of heating projects in commercial and industrial installations.**

Specify the characteristics and configuration of the premises to be equipped, and the tool will suggest the heating solution best suited to your customers' needs.



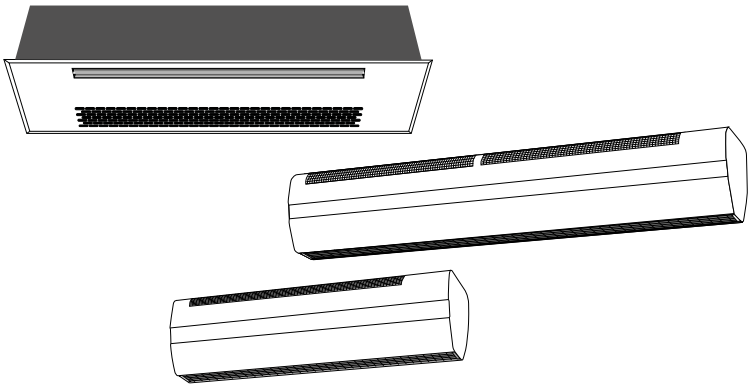
intuis



| GENERAL HEATING | LOCALISED HEATING | | | HEATING IN ADDITION | HEATING FOR SPECIFIC PREMISES | |
|---|---|---|---|---|---|---|
| DYBOX BT CASSETTE LOW TEMPERATURE | INFRARED | | | MOBILE FAN HEATER | | |
| | IRC | IRM | IRC DECO EQUILIBRE | | SHOCKPROOF | THREE PHASE |
| | new | | | | | |
|  |  |  |  |  |  |  |
| Page 112 | Page 104 | Page 108 | Pages 110 | Page 114 | Page 116 | Page 117 |
| **SERVICE ROOMS AND AREAS** | **INDOOR AND OUTDOOR LOCALISED AREAS** | **LOCALISED AREAS** | **TERRACE AREAS** | **ADDITIONAL HEATING FOR SMALLER PREMISES** | **PLACES OPEN TO THE PUBLIC** | **WORKSHOPS** |
| ▸ *Exhibition rooms*<br>▸ *Offices*<br>▸ *Meeting rooms*<br>▸ ... | ▸ *Warehouses*<br>▸ *Workshops*<br>▸ *Places of worship*<br>▸ ... | ▸ *Warehouses*<br>▸ *Workshops*<br>▸ | ▸ *Terraces*<br>▸ *Cafés*<br>▸ | ▸ *Building sites*<br>▸ *Garages*<br>▸ *Workshops*<br>▸ *Multi-purpose rooms*<br>▸ ... | ▸ *Colleges*<br>▸ *Stations*<br>▸ ... | ▸ *Workshops*<br>▸ ... |
| — | ✔ | — | ✔ | — | — | — |
| — | ✔ | ✔ | ✔ | — | — | — |
| ✔ | ✔ | ✔ | ✔ | ✔ | — | — |
| ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| › CEILING | › WALL<br>› CEILING | › WALL<br>› CEILING | › WALL | ▮ FLOOR | › WALL | › WALL |

# STOPAIR

Air curtains
**short - long - integrated**



**USE CASES**

- Stores
- Ticket offices
- Small shops
- Exhibition rooms
- Showroom
- ...



# ***Objective:*** *limit heat loss by creating an invisible screen*

new

**SHORT SERIES**
installation height
up to 2.30 metres



**LONG SERIES**
installation height
up to 3 metres



**INTEGRATED SERIES**
discreet installation height of
up to 3 metres



For information: integrated control panel on the 2000 / 4000 air curtain

## ADVANTAGES

- **Spiral element:** optimized heating, even heat, long life.
- **Multi-position stand:** mounts on wall or ceiling, swivels.
- **Quick and easy installation:** control panel connection via two wires (non-polarised). Network air curtains with a single wire.

**Limit heat loss**

The air curtain is the ideal device for premises where the activity requires frequent openings to the outside. Fixed above the entrance door, it produces a real **screen of forced air that limits heat loss.**

**They are effective in winter or summer - all year round**

**In summer**, they prevent **hot air** from getting inside and repel intrusions of undesirable elements such as **dust**, flying insects, **exhaust gases**, etc.

**Adapt to the seasons**

**- Full heating power:** in the middle of winter.
**- Half heating power:** in spring and autumn.
**- Room air ventilation:** in summer.

**They adapt with precision**

To adapt the **operating power** of the air curtain to local weather conditions (winds, etc).

# STOPAIR

Air curtains
**short - long - integrated**




## Several installation options

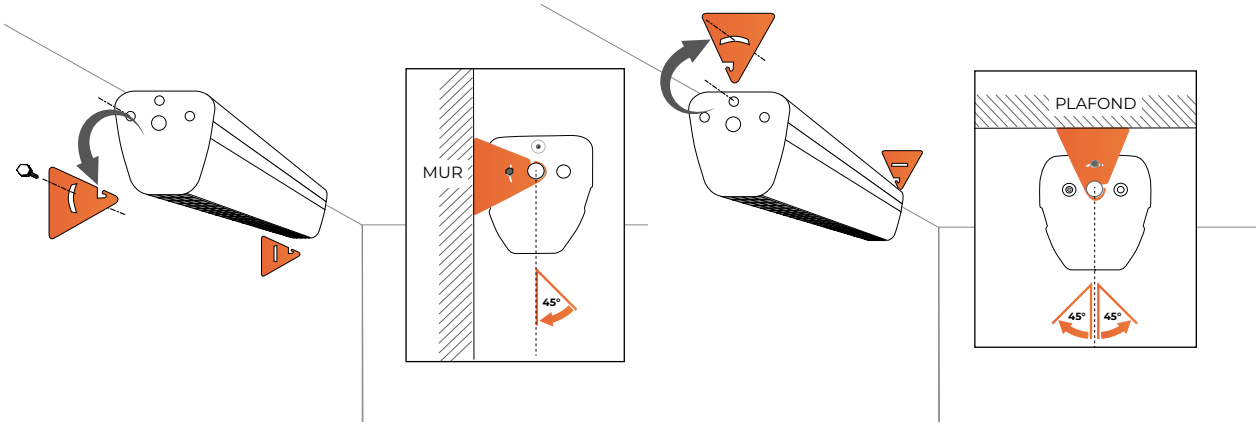
Modularity: how to adapt to the height and width constraints of an access door

Our air curtains can be combined to form **an even screen** covering the opening to be fitted, whatever the width and up to 3 metres high.

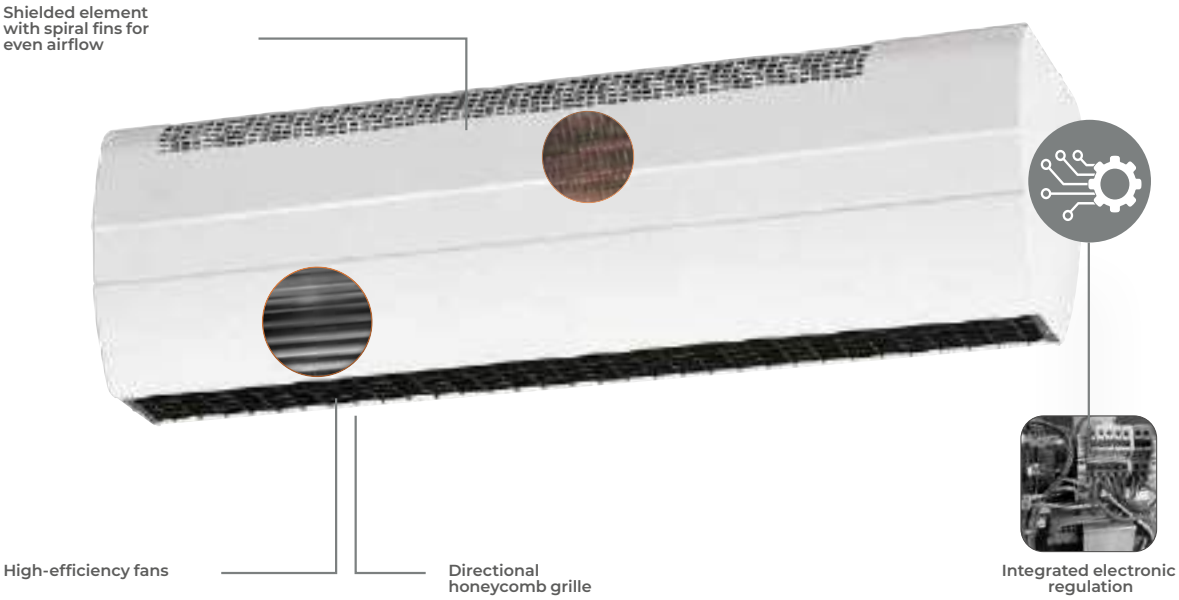
## Ingenious, adjustable wall mounting

As a result of the special fixing system, only one person is needed to fit and adjust our air curtains. Easy to install using the **installation template**.

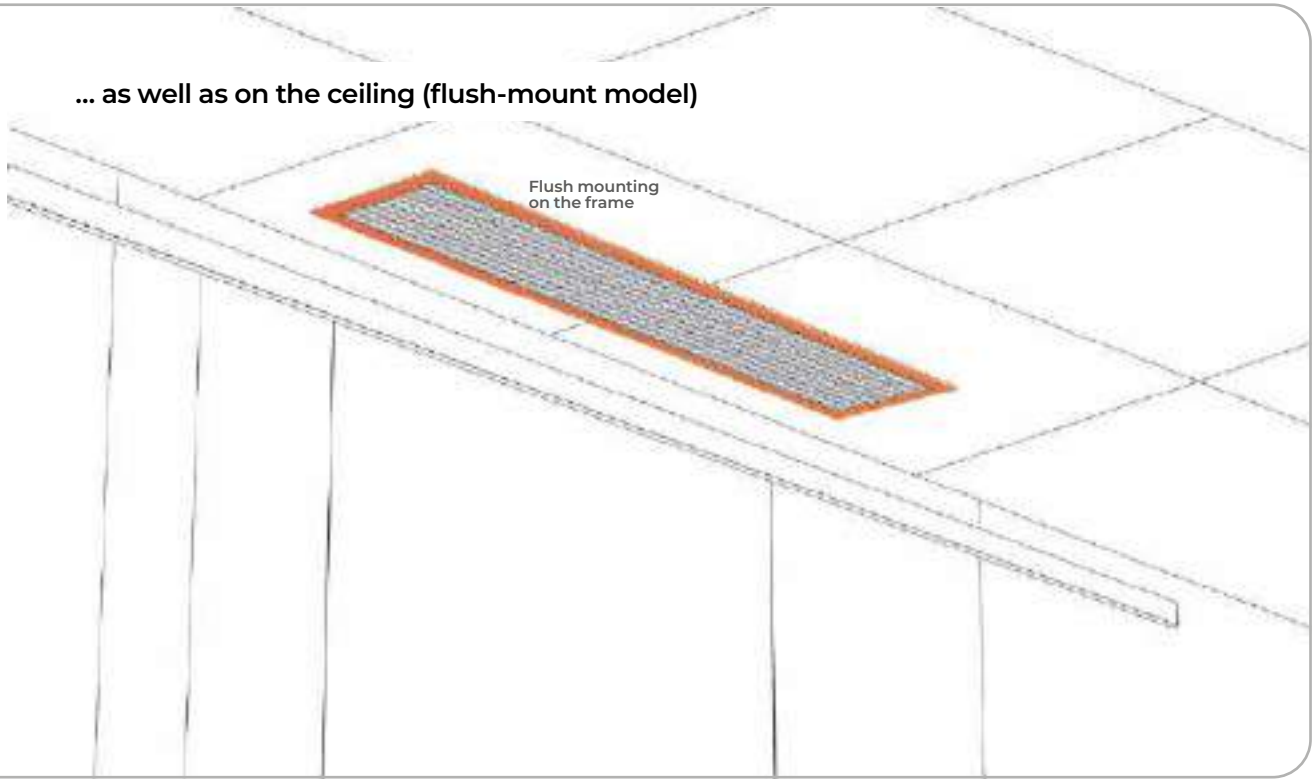
They can be rotated by 45° to obtain optimum **performance** depending on the specific conditions of use (exposure to strong winds, large thermal differences, etc.).



## Design optimised for performance




## ... as well as on the ceiling (flush-mount model)



## Control panel: installation and connection

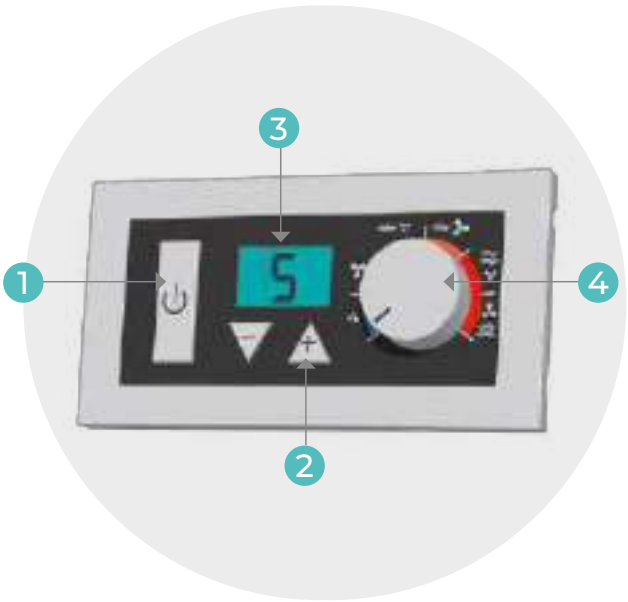
### A simple, intuitive control panel

It allows you to control from **one to twenty air curtains** by setting a comfortable temperature of your choice for the room. Its rotary knob offers the **choice of heating mode** depending on the **type of installation, requirements and season**, from the heart of winter to mid-season.

It also offers summer comfort with the possibility of **ventilating the room at room temperature**.

**Locking** of the control is possible to prevent unintended use.

*- For long and integrated series*
*- For the 6000 / 3000 model in the short series*




### Functions

1 - Heating on/off button.
2 - Range temperature adjustment buttons.
3 - Digital display screen.
4 - Operating speed selection button (fan speed and heating power).

6 operating options :

- Full heating power with 2 fan speeds.
- Half heating power with 2 fan speeds.
- Room air ventilation with 2 fan speeds.

### Non-polarised 2-wire connection between the air curtain and the control panel.

### Optimised connection between several air curtains

A single wire is used to link the master air curtain to the other devices.

### Installing the control panel

The control panel is mounted on the wall using a surface-mounted bracket, or flush-mounted using a wall-mounted flush-mounting box.



1 - Surface-mounted box

NOTE: the control panel allows remote control of the appliances and can be placed anywhere, even in a room separate from the area to be heated (technical room, control room, etc).



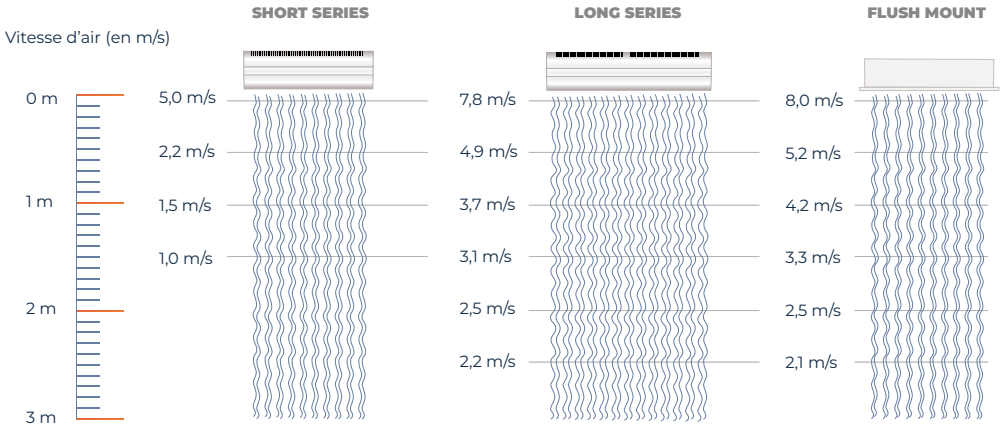
2 - Flush-mounted box



*- For the 4000 / 2000 short series model.*

## An effective screen for every height

The offset fans within each unit have been designed to ensure air speeds and **flows adapted to each installation height**.




## AIR CURTAIN INFORMATION



| Power (W) | Flow rate m³/h | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|---|
| SHORT SERIES WITH CONTROL (INSTALLATION UP TO 2 M) | | | | |
| 4000 / 2000 | 300 / 240 | 697 x 202 x 147 | 8,1 | M128125 |
| SHORT SERIES WITH CONTROL (INSTALLATION UP TO 2 M) | | | | |
| 6000 / 3000 | 450 / 300 | 897 x 202 x 147 | 11,2 | M128122 |
| ACCESSORIES | | | | |
| Wall-mounted digital control unit | | | | M090010 |

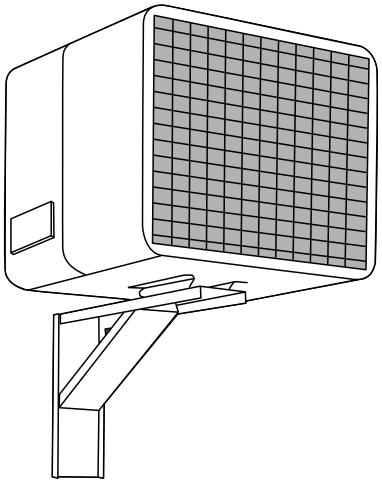
CE | M128125 230 V single phase | M128125 230 V single phase - 400 V+N tri phase | IP 21 - IK 08 Class I | 2-year warranty

| | | | | |
|---|---|---|---|---|
| STOPAIR - LONG SERIES WITHOUT CONTROL UNIT (INSTALLATION HEIGHT UP TO 3 M) | | | | |
| 4500 / 2250 | 1270 / 980 | 1084 x 240 x 285 | 20,7 | M130321 |
| 9000 / 4500 | 1270 / 980 | 1084 x 240 x 285 | 20,8 | M130323 |
| 9000 / 4500 | 1600 / 1100 | 1541 x 240 x 285 cm | 26,6 | M130423 |
| 12000 / 6000 | 1600 / 1100 | 1541 x 240 x 285 cm | 26,7 | M130424 |
| STOPAIR NOVUS - FLUSH-MOUNTED SERIES WITHOUT CONTROL (INSTALLATION HEIGHT UP TO 3 M) new | | | | |
| 9105 / 4500 | 1000 / 900 | 1235 x 285 x 340 | 27,9 | M168223 |
| 12130 / 6000 | 1600 / 1100 | 1535 x 285 x 340 | 34,7 | M168224 |
| ACCESSORIES | | | | |
| Wall-mounted digital control unit | | | | M090010 |
| Mimetic white (ER) and black grille - Can be connected in 400V three-phase without N with additional 230V power supply for control. | | | | |

CE | Long series : Single-phase 230 V up to 9000 W Three-phase 400 V + N above this value | Integrated series: Single-phase 230 V up to 9000 W Three-phase 400 V + N above this value | Class I IP21 - IK08 | 2-year warranty

# AIRPULS

Air heaters
**fixed & mobile kit**



**USE CASES**

- Warehouses
- Industries
- Sports halls
- Exhibition rooms
- Gymnasiums
- Hangars
- Showroom
- ...



## ***Objective:*** *heat insulated large-volume* premises.

**WALL MOUNTING**



**MOBILE KIT**



**CEILING ATTACHMENT**



### ADVANTAGES

- **Spiral element:**optimized heating, even heat, long life.
- **Multi-position bracket:** mounts on wall or ceiling. Can be rotated at will, mobile (optional).
- **Quick and easy installation:** control panel connection via two wires (non-polarised). Fan heaters networked via a wire.

**Bring comfort where it is lacking**

Ideal for overall heating of moderately insulated industrial or commercial premises. Their long-range airflow ensures an even and homogeneous **temperature** in the room.

**They produce an even, long-range flow**

The overall construction of the mobile fan heater, with its air propulsion unit, armoured spiral-finned heaters, air duct and specific directional grille, gives it a **long-range, even-temperature** air flow.

**Adapt to the seasons**

**- Full heating power:** in the middle of winter.
**- Half heating power:** in spring and autumn.
**- Room air ventilation:** in summer.

**Adapt to all situations**

They can be wall-mounted, ceiling-mounted, tilted from 0° to 90° or fitted with a mobility kit.

# AIRPULS

Air heaters
fixed & mobile kit

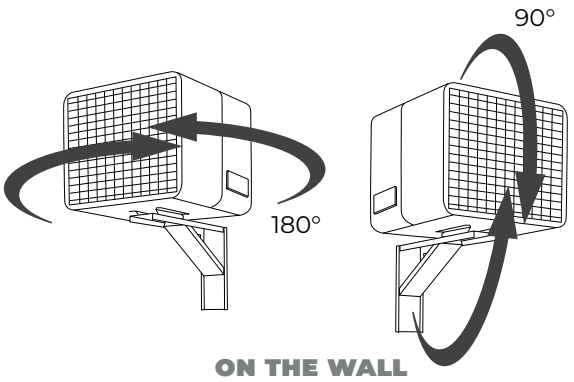
## Multi-position installation

### Multi-position support guarantees air flow without loss of efficiency

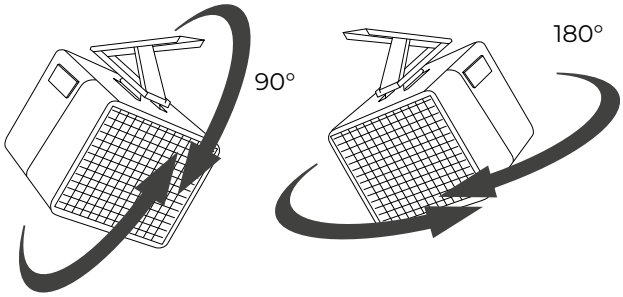
To obtain optimum efficiency according to the particular conditions of each use, it is important to be able to properly **direct the flow**of air without causing**pressure losses.**

Rather than adjustable vents that slow down the air, we have developed a solid support that allows **precise orientation** of the whole unit to optimise its performance.

The fixing bracket supplied with the fan heater allows the appliance to be rotated **horizontally by 180°** and **vertically by 90° without dismantling,** via simple adjustment, whether it is wall or ceiling mounted.




ON THE WALL



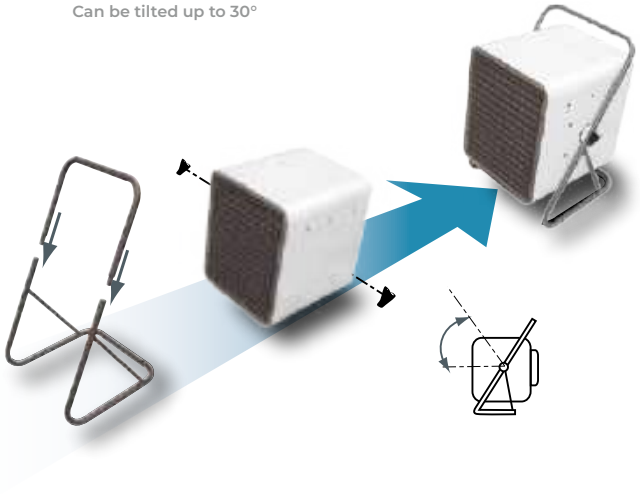

ON THE CEILING

### The kit: mobile solution for air heaters

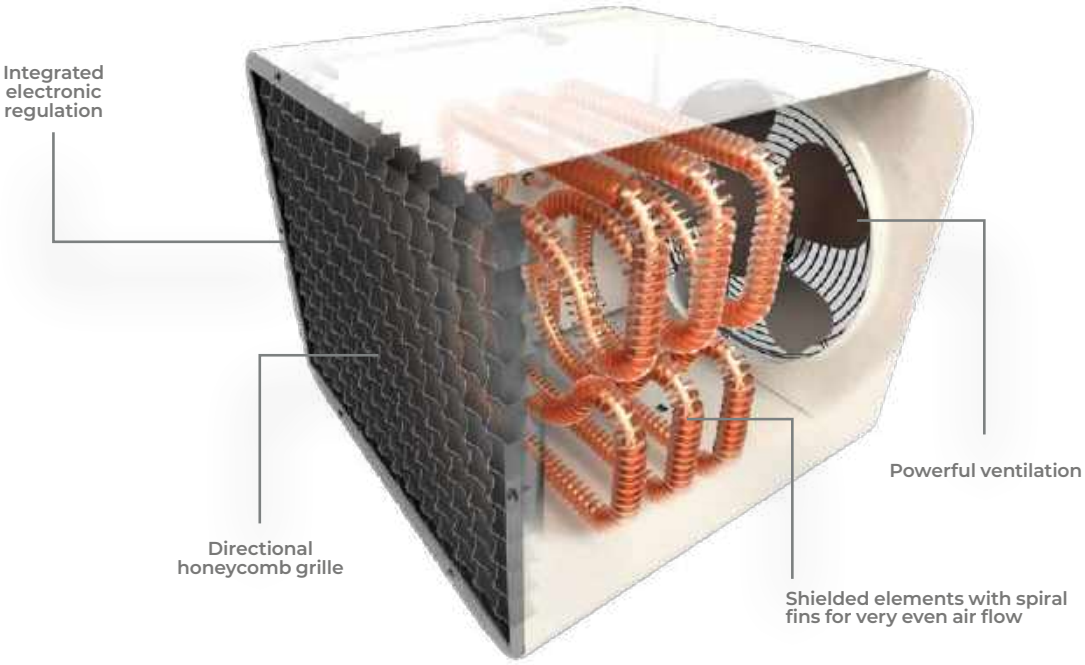
The fan heater **can be used on the ground using an optional pack** comprising a stand, a practical handle for transporting and moving, two levers for tightening and rotating the unit according to the chosen heating angle, all with complete stability.

Each size of fan heater has its own ground kit.

Can be tilted up to 30°



## Design optimised for performance




### Shielded spiral-fin elements

Placed in the air stream, they promote heat exchange and enable the full power produced to be used while limiting airflow disturbance.

### Deep bodywork

Its wide, deep internal cell favours air speed and turbulence to promote air transfer and efficiency.

### Directional honeycomb grille

It channels the air without slowing it down for more economical operation.

The ambient air temperature is more even over the heated surface and the temperature difference between the floor and the ceiling is limited.

### Electric regulation

Directly integrated into the fan heater, it can be programmed by pilot wire and is compatible with various energy management systems. Smart combination with the control panel (optional) guarantees a precise, even temperature throughout the room.

# AIRPULS

Air heaters
fixed & mobile kit

## Control panel: installation and connection

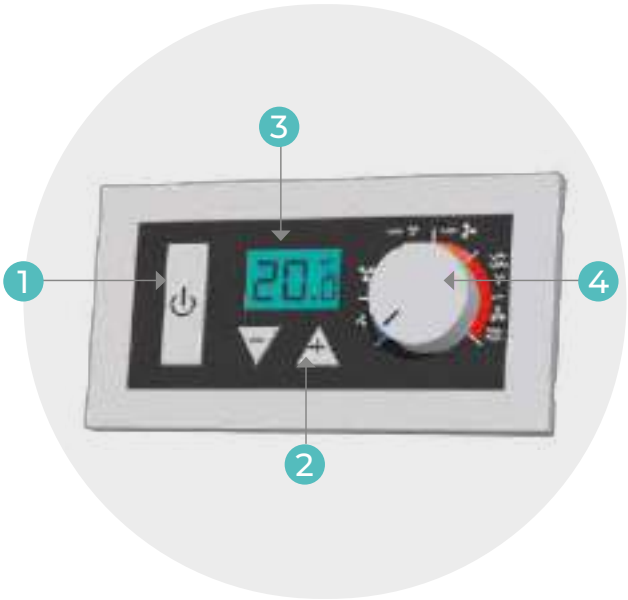
### A simple, intuitive control panel

It allows you to control from **one to twenty air curtains** by setting a comfortable temperature of your choice for the room. Its rotary knob offers the **choice of heating mode** depending on the **type of installation, needs and season**, from the heart of winter to mid-season.

It also offers summer comfort with the possibility of **ventilating the room at room temperature**.

**Locking** of the control is possible to prevent any unintended use.

*- For long and integrated series*
*- For the 6000 / 3000 model in the short series*




### Functions

1 - Heating on/off button.
2 - Range temperature adjustment buttons.
3 - Digital display screen.
4 - Operating speed selection button (fan speed and heating power).

6 operating options :

- Full heating power with 2 fan speeds.
- Half heating power with 2 fan speeds.
- Room air ventilation with 2 fan speeds.

## Optimised connection between several fan heaters

Connecting several fan heaters together in one installation is very simple. The connection is made with a single wire between the master fan heater and the other devices.

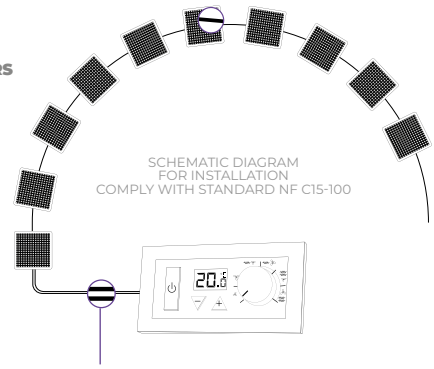
## Optimised connection between several fan heaters

### A single wire connection between fan heaters

Used to connect the fan heater connected to the digital control panel to the other fan heaters.

With this system, up to 20 air heaters can be linked together in the same room.

**UP TO 20 FAN HEATERS IN THE SAME BUILDING**




### A non-polarised 2-wire connection

Enables connection of the digital control panel to a single fan heater or to one of the fan heaters in the system.

The wires can be interchanged without risk, no need to label them.

## Installing the control panel

The control panel is mounted on the wall using a surface-mounted bracket, or flush-mounted using a wall-mounted flush-mounting box.



1 - Surface-mounted box



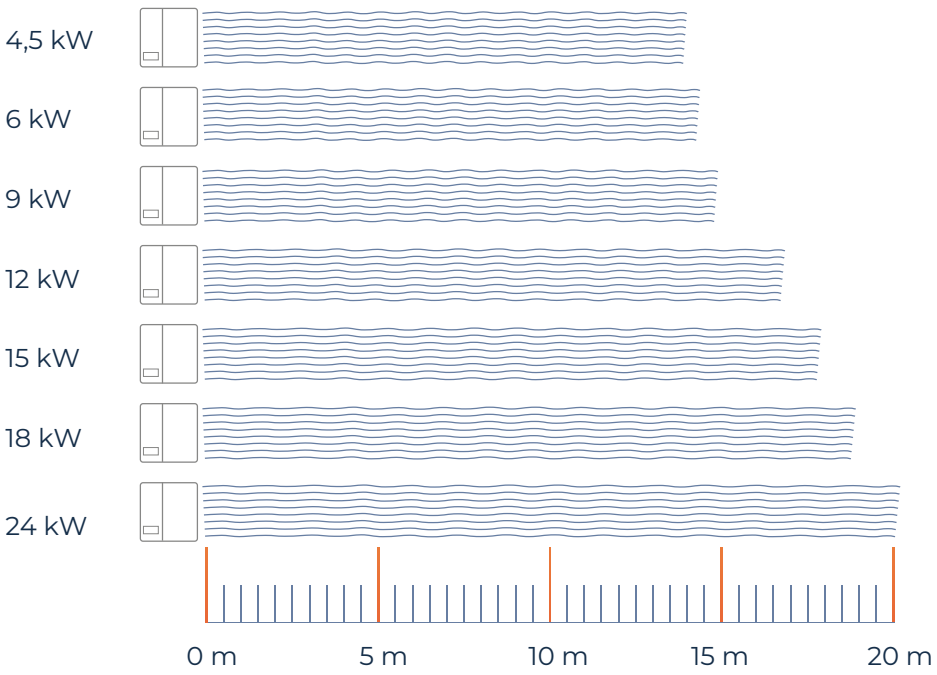
2 - Flush-mounted box

NOTE: the control panel allows remote control of the appliances and can be placed anywhere, even in a room separate from the area to be heated (technical room, control room, etc).



3 - Integrated box

## Length of flow (metres)




## FAN HEATER INFORMATION

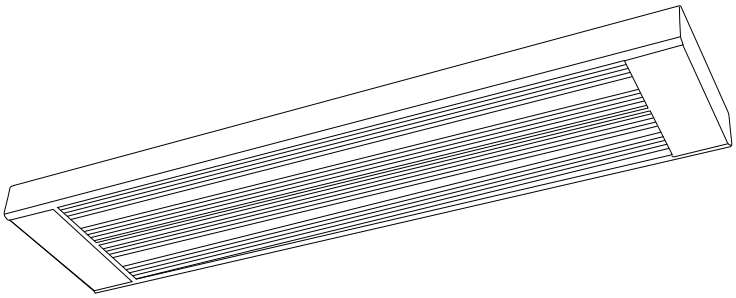
| Power (W) | Flow rate m³/h | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|---|
| MOBILE / FIXED WITH ELECTRONIC CONTROL (WALL MOUNTING INCLUDED) | | | | |
| 4500 / 3000 | 490 / 430 | 420 x 330 x 511 | 20,5 | M101121 |
| 6000 / 4000 | 700 / 620 | 420 x 330 x 511 | 20,5 | M101122 |
| 9000 / 6000 | 1100 / 920 | 470 x 380 x 536 | 24,9 | M101123 |
| 12000 / 8000 | 1200 / 1000 | 470 x 380 x 536 | 24,9 | M101124 |
| 15000 / 10000 | 1350 / 1250 | 520 x 430 x 615 cm | 33,6 | M101125 |
| 18000 / 9000 | 1800 / 1600 | 520 x 430 x 615 cm | 33,6 | M101126 |
| 24000 / 12000 | 2200 / 1700 | 520 x 430 x 615 cm | 33,6 | M101127 |
| ACCESSORIES | | | | |
| Stand kit for 4500 and 6000 W mobile for M101121 and M101122 | | | | M090007 |
| Stand kit for 9000 and 15000 W mobile for M101123, M101124 and M101125 | | | | M090008 |
| Stand kit for mobile 18000 to 24000 for M101126 and M101127 | | | | M090009 |
| Intuitive digital control panel, wall-mounted or integrated | | | | M090010 |
| Remote sensor for fan heaters | | | | M090011 |
| Mobile/Fixed colours: white Ral 9002 body and anthracite grille | | | | |

* The dimensions in the table do not take the feet or handles supplied into account.

CE | from 4.5 to 9 kW: Single-phase 230 V~, Triple-phase 400 V + N~ | from 12 to 24 kW: Triple-phase 400 V + N~ | Can be connected in 3-phase 400 V without N with additional 230 V power supply for the control circuit | IX 44 - IK 08 (except 4000 W: IP 21) | 2-year warranty

# DYBOX MT

Cassettes
**medium temperature**

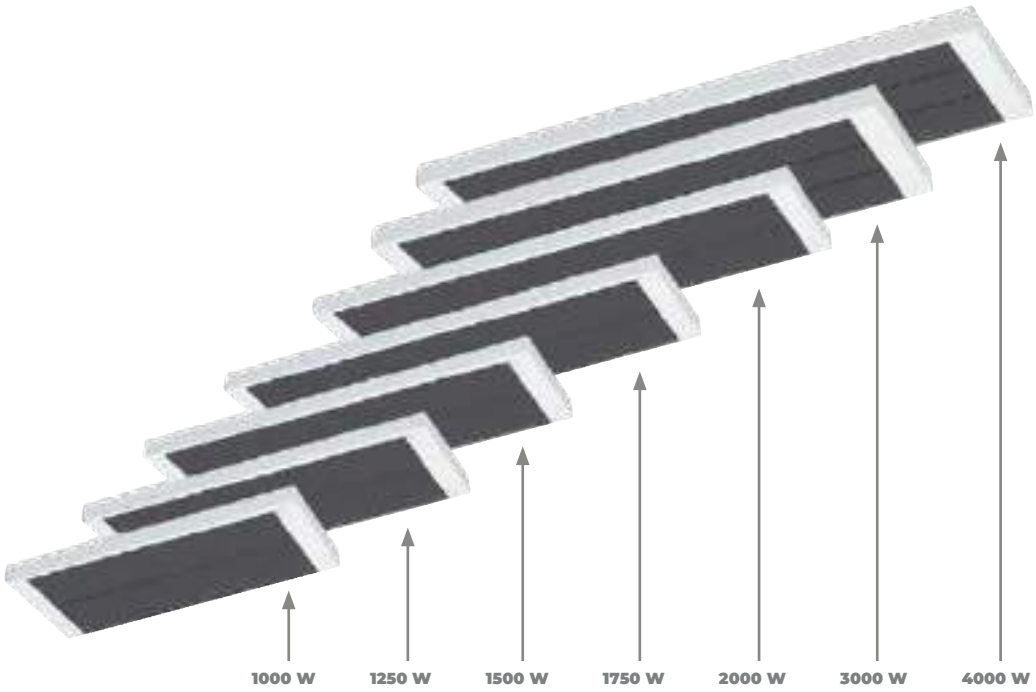


**USE CASES**

- Warehouses
- Industries
- Sports halls
- Exhibition rooms
- Gymnasiums
- Hangars
- Showroom
- ...



## ***Objective:*** *heat insulated large-volume, high-rise* premises.




### ADVANTAGES

- **One-piece emitter with ultra-emissive treatment** : optimized heat transfer, even heat, long life.
- **Double-walled frame:** optimises radiation downwards (avoids heating upwards). Made of thick steel and fitted with anti-torsion stiffeners, it can be used to suspend the radiant panels with threaded rods or chains, or to mount them using the brackets supplied.

**Radiate over the entire surface**

The very shape of the emitter with its one-piece aluminium structure ensures **excellent heat diffusion**. The high-emissivity coating on the surface of the emitter and the glossy surface on the back increase and direct the emission of heat by radiation.

**Very long lifespan**

The element is designed as a feedback loop to prevent overheating and ensure an **unmatched lifespan**.

**Solid and easy to install**

Fitted with a double-walled frame with anti-torsion stiffeners for exceptional **rigidity**, they can easily be fixed using chains without risk of deformation.

# DYBOX MT

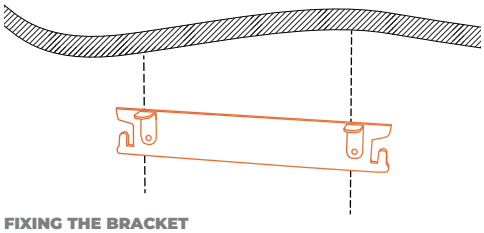
Cassettes
medium temperature

## Easy ceiling or suspended installation

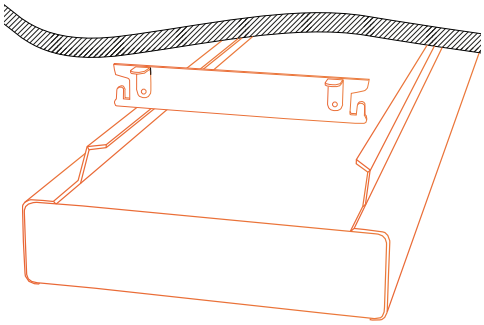
### Surface-mounted installation

Installing radiant panels couldn't be easier! They are fixed to the ceiling* using 3-stage adjustable brackets.

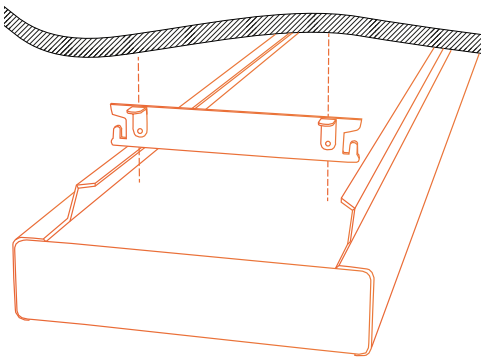
** In the case of ceiling-mounted installation, the ceiling must be non-combustible.*



FIXING THE BRACKET
TO THE CEILING



THE CASSETTE ATTACHES
TO THE HOUSING WITHOUT SCREWS



THE CASSETTE IS SECURELY
ATTACHED BUT CAN BE EASILY REMOVED

### Suspended installation

Cassettes can also be suspended by chains or threaded rods. Their double-walled chassis with anti-torsion stiffeners gives them exceptional rigidity.

### Element and diffuser in one.

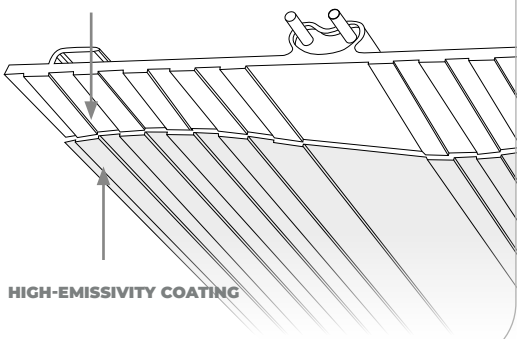
This eliminates all the problems caused by the difference in expansion between the steel tube and the aluminium diffuser for conventional emitters. The whole system extends evenly, with no drag, no wear and no noise.

The very shape of the emitter with its one-piece aluminium structure ensures excellent heat diffusion. This guarantees uniform radiation over the entire surface of the emitter.

The high-emissivity coating on the surface of the emitter further enhances the emission of heat by radiation.
This is a guarantee of performance.

The element core is designed as a feedback loop to prevent overheating and thus provides the element with an exceptional lifespan.
This ensures long life.

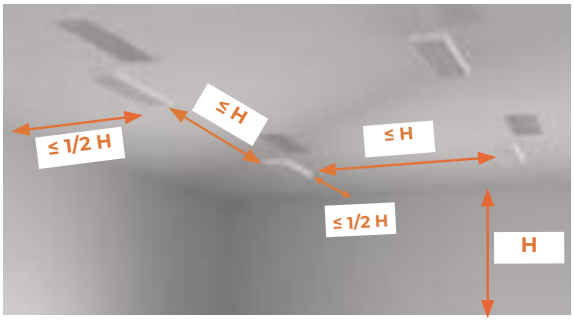
ONE-PIECE ALUMINIUM STRUCTURE



HIGH-EMISSIVITY COATING

### Layout principle

For optimum use, MT radiant panels must be installed according to a precise layout diagram, using panels adapted to the height of the installation.




H = height

## Choice of power according to height

### Choosing the right cassette

Choice of cassette to be installed according to installation height and power required per m².
Use the table below to determine the type of cassette to be installed:

| Power per unit area W/m² (W/m²) | Height in metres | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 | 7 | 7,5 | 8 |
| **80** | 1000 | 1000 | 1250 | 1500 | 1750 | 2000 | 2000 | 3000 | 3000 | 4000 | 4000 |
| **90** | 1000 | 1000 | 1250 | 1500 | 2000 | 2000 | 2000 | 3000 | 3000 | 4000 | 4000 |
| **100** | 1000 | 1000 | 1500 | 1750 | 2000 | 2000 | 3000 | 3000 | 4000 | 4000 | 4000 |
| **110** | 1000 | 1250 | 1500 | 2000 | 2000 | 3000 | 3000 | 4000 | 4000 | 4000 | 4000 |
| **120** | 1000 | 1250 | 1750 | 2000 | 2000 | 3000 | 3000 | 4000 | 4000 | 4000 | 4000 |
| **130** | 1000 | 1500 | 1750 | 2000 | 2000 | 3000 | 3000 | 4000 | 4000 | 4000 | 4000 |
| **140** | 1000 | 1500 | 2000 | 2000 | 3000 | 3000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| **150** | 1250 | 1750 | 2000 | 2000 | 3000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |

## MT CASSETTE INFORMATION



| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| 1000 | 850 x 278 x 90 | 7,4 | M106111 |
| 1250 | 1005 x 278 x 90 | 8,8 | M106112 |
| 1500 | 1200 x 278 x 90 | 10,4 | M106113 |
| 1750 | 1360 x 278 x 90 | 11,8 | M106114 |
| 2000 | 1550 x 278 x 90 | 13,2 | M106115 |
| 3000 | 1550 x 400 x 90 | 18,4 | M106116 |
| 4000 | 1550 x 400 x 90 | 18,3 | M106120 |

Frame colour: Mimetic white RAL9002
Colour of heating element : Black

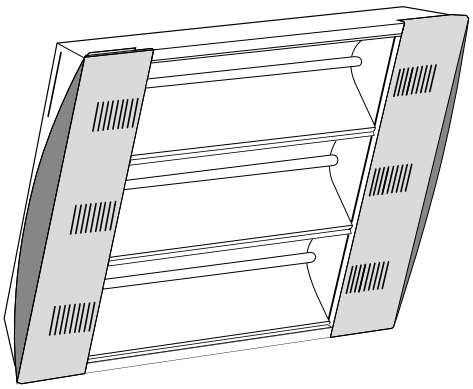
* Width: when wall-mounted including mount

CE | Voltage: Single-phase 230 V from 1000 W to 2000 W
3-phase 230 V and 3-phase 400 V for 3000 W and 4000 W | Class I
IP 44 - IK 08
(except 4000 W: IP 21) | 2-year warranty

# IRC NOVUS

new

Infrared
**Long range**



**USE CASES**

- Warehouses
- Workshops
- Places of worship
- ...



# ***Objective:*** *localized heating of workstations*




## ADVANTAGES

- **HeLen lamp:** fast, efficient heating, long life.
- **Large range:** 3 power ratings available to suit different requirements.

**They heat even the toughest environments**

Concentrated long-range reflector heat is the most effective solution for **heating at height in areas deemed unheatable**. That's why IRCs can be found in churches,
café terraces, factories and so on.

**They radiate localised, comfortable heat**

90% of the heat is directed in a concentrated way towards the workstation or area to be heated, which makes it possible to combat discomfort whatever the situation.
**The sensation of warmth is instantly perceptible.**

**They are easy to install**

The IRC features a multi-directional bracket that allows wall or ceiling mounting for **horizontal or 180° vertical rotation.**

**Designed to last**

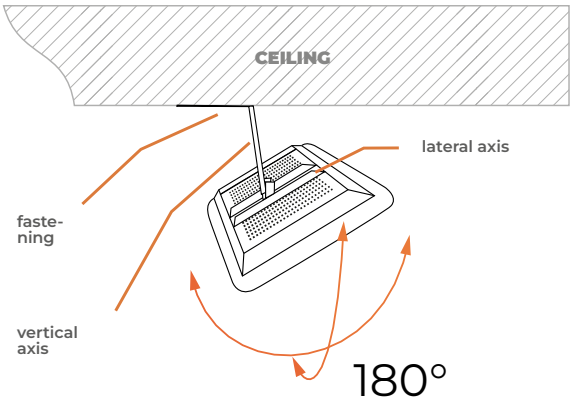
Their robust epoxy steel bodywork guarantees long life. **A protective grille** is also available (as an option) to protect the device from knocks and ensure safety when it is within easy reach.

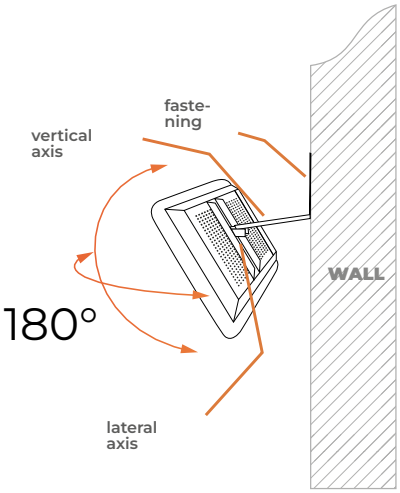
# IRC NOVUS

Infrared
Long range

## A universal multi-position support that is practical and easy to install

As a result of its special multi-position bracket, which can be mounted on the wall or ceiling, the appliance can be oriented in any direction, horizontally or vertically, to optimise the heat flow.




## Protective grille (optional)

It protects appliances when they are installed in high-risk environments such as sports halls or near high-traffic areas.



Image for informational purposes only

## Determining the power to be installed

When selecting equipment, you need to consider their height and method of installation as well as the power required according to the type of premises.

- 150 to 300 W/m² in enclosed spaces

- 300 to 600 W/m² sheltered outdoors

Use the table opposite to determine the type of IRC to be installed:

**- IRC horizontal installation**
**- IRC installation at 45°**

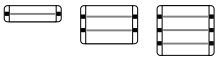
## IRC horizontal installation

| Power per unit area W/m² (W/m²) | Height in metres | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 | 7 | 7,5 | 8 |
| 150 | 1500 | 1500 | 1500 | 1500 | 1500 | 3000 | 3000 | 3000 | 3000 | 4500 | 4500 |
| 200 | 1500 | 1500 | 1500 | 1500 | 3000 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 |
| 250 | 1500 | 1500 | 1500 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 300 | 1500 | 1500 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 350 | 1500 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 400 | 1500 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 450 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 500 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 550 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 600 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |

## IRC installation at 45°

| Power per unit area W/m² (W/m²) | Height in metres | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 | 7 | 7,5 | 8 |
| 150 | 1500 | 1500 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 200 | 1500 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 250 | 3000 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 300 | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 350 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 400 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 450 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 550 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| 600 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |

## IRC NOVUS INFORMATION



| Power (W) | L x H x W* (mm) | Weight (kg) | Information back reflector model |
|---|---|---|---|
| HELEN LAMP | | | |
| 1500 | 531 x 146 x 130 cm | 2,2 | M167223 |
| 3000 | 531 x 263 x 130 cm | 3,6 | M167226 |
| 4500 | 531 x 389 x 130 | 5,0 | M167228 |
| Higher power ratings are obtained by adding modules: example: 9 kW = 2 x 4.5 kW - Frame colour: Mimetic white RAL9002 | | | |

* Without installation support

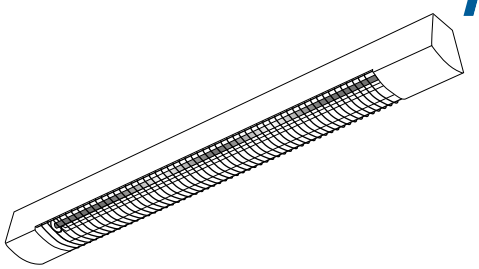
| Accessories | Information |
|---|---|
| Protective grille for 1500 W | M090050 |
| Protective grille for 3000 W | M090051 |
| Protective grille for 4500 W | M090052 |

CE | Voltage for all models: Single-phase 230 V<br>4500 W model: Single-phase 230 V, Three-phase 230 V and Three-phase 400 V | Class I<br>IP22 - IK08** | 2-year warranty

** With protective grille

# IRM

Infrared
**Medium range**



**USE CASES**

- Warehouses
- Workshops
- ...



**ADVANTAGES**

- **Multiposition:** installs horizontally or vertically
- **Large range:** 5 models, in 230 V or 400 V

**Multi-position directed comfort**

The IRM infrared can be installed straight or inclined on a vertical or horizontal element, wall, pillar, ceiling or beam and is perfectly oriented thanks to its supplied articulated mounting.

**Robust, efficient and durable**

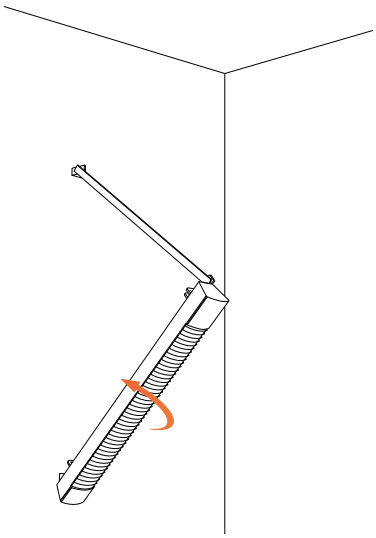
The thick infrared heating element in Incoloy® steel is rustproof, making it durable over time. It provides intense heat and radiation concentrated on the specific position or area and is effective up to 3.5 m.

**User safety**

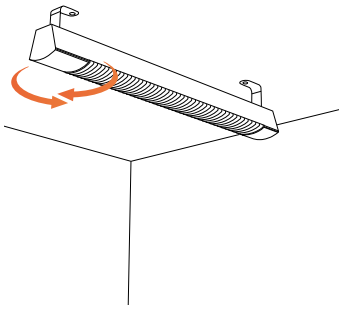
The heat radiation is optimised by a polished aluminium parabolic reflector protected from any risk of contact by a thin chrome-plated grille (shock/contact protection).

## ***Objective:*** *heat a localized area in a temperate room*

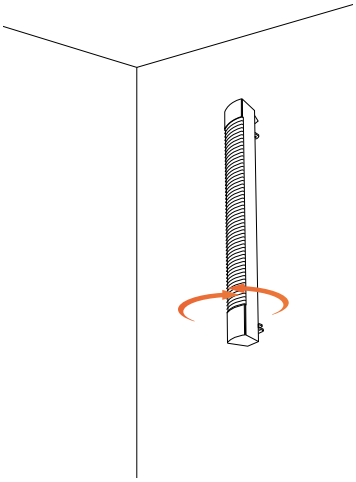
**INCLINATION FROM 30 TO 60°**
wall installation
with 90° rotation angle



**90° ROTATABLE**
ceiling installation



**90° ROTATION**
straight wall installation
(vertical or horizontal)



## IRM INFORMATION



| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| SINGLE-PHASE 230 V | | | |
| 1000 | 805 x 115 x 110 | 2,5 | M118101 |
| 1500 | 1010 x 115 x 110 | 3,1 | M118103 |
| 2000 | 1260 x 115 x 110 | 3,9 | M118105 |
| TWO-PHASE 400 V | | | |
| 1500 | 1010 x 115 x 110 | 3,2 | M118203 |
| 2000 | 1260 x 115 x 110 | 3,9 | M118205 |

* Width: when wall-mounted including mount

CE | 230 V single phase M118205 and M118103 and M118105 | Two-phase 400 V : M118203 and M118205 | Class I IP21 - IK07 | 2-year warranty

# **IRC** DECO

Infrared
Long terrace span

### USE CASES

- Terraces
- Cafes
- ...



### ADVANTAGES

- **HeLen lamp:** quick and efficient heating, long life.
- **Design:**elegant to suit different requirements.

**Protection against splashes** | It can be installed outdoors under cover as it is protected against water splashes (IP X4).

**Articulated mounting** | Simple wall or ceiling mounting. Infrared can be directed according to need. Optional extension for variable wall spacing from 700 to 1200 mm.

**Comfort and protection** | Instant warmth. The reflector is smooth and a grille protects the front to avoid any risk of accidents.

## IRC DECO INFORMATION

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| HELEN LAMP - MINIMUM INSTALLATION HEIGHT 2.50 M - ARTICULATED MOUNTING BRACKET SUPPLIED (200 MM) | | | |
| 1500 | 500 x 130 x 142 | 1,9 | M116123 |
| Extension for variable wall spacing from 700 to 1200 mm | | | M090006 |

CE | Class I<br>IP24 - IK08<br>230 V single phase | 2-year warranty

# EQUILIBRE

Infrared
Long terrace span

### USE CASES

- Terraces
- Cafes
- ...





### ADVANTAGES

- **HeLen lamp:** quick and efficient heating, long life.
- **Design:** a line at the height of design.

**Protection against splashes** | It can be installed outdoors under cover as it is protected against water splashes (IP X4).

**Wall fixing** | Simple wall mounting.

**Comfort and protection** | Instant warmth.

## BALANCE INFORMATION

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| 1500 | 446 x 135 x 510 | 6,0 | M107163 |

CE | IPX4 | 2-year warranty

SERVICES & INDUSTRY

# DYBOX BT

Cassettes
Low temperature



## USE CASES

- Exhibition rooms
- Offices
- Meeting rooms
- ...

## ADVANTAGES

- **Ésurface emitter:** heat-transfer optimization, even heat, long life.

**They blend in with the ceiling and are effective**

Installed horizontally, flush-mounted, suspended or surface-mounted in line with a
ceiling, this is the discreet solution for commercial premises with a high level of intermittence (commercial premises, meeting rooms, schools, offices, etc.).

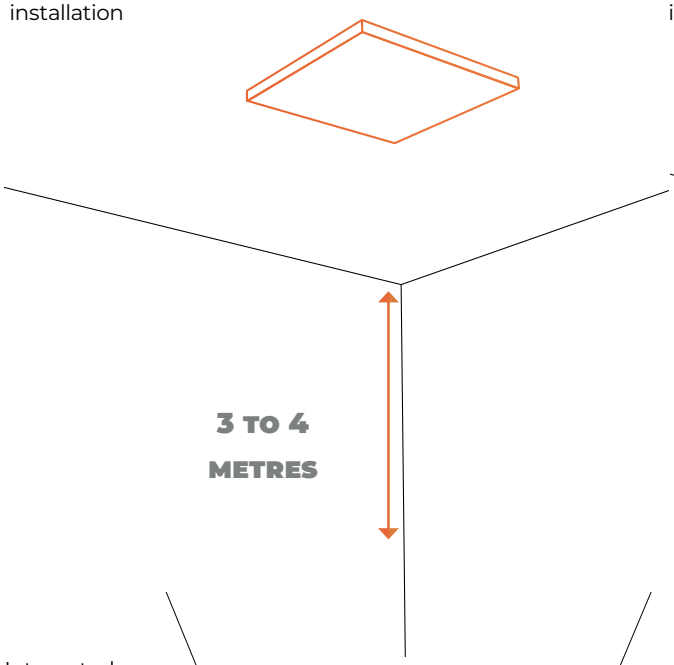
**They can be installed in different ways depending on requirements**

There's a solution for every type of installation: they can be flush-mounted in a surface-mounted modular ceiling or suspended with their integrated mount.

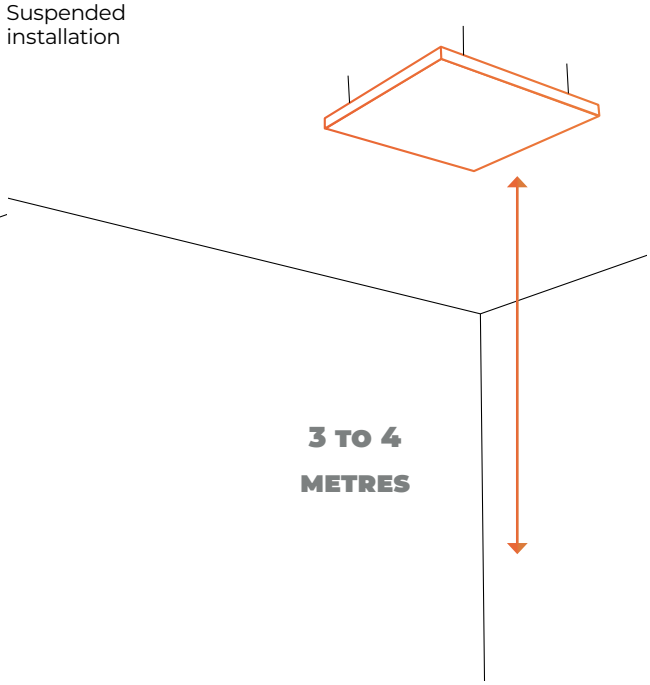
**Quickly bring warmth into the room**

Their average emission temperature is less than 100°C in accordance with installation conditions to avoid discomfort, and their recommended height of use is between 3 and 4 m.

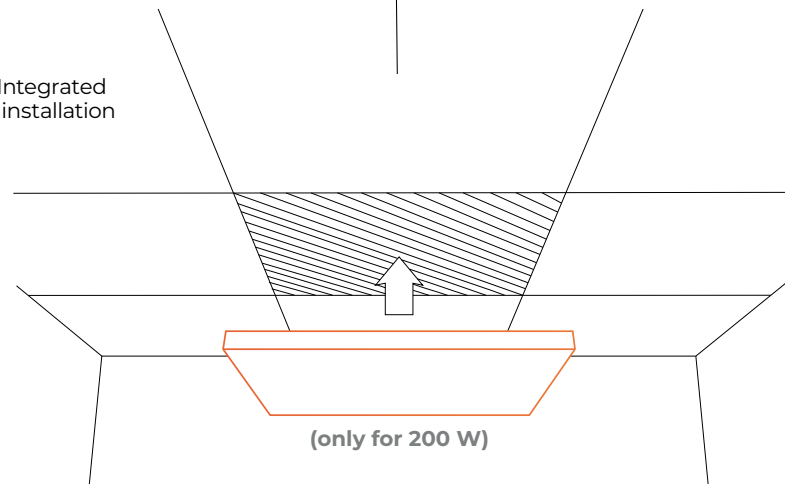
Surface-mounted installation




Suspended installation




Integrated installation




Straight wall installation (vertical or horizontal)

**Connection**

For easy connection, they are fitted as standard with a 3-core (L+N+G) 1-m-long power supply.

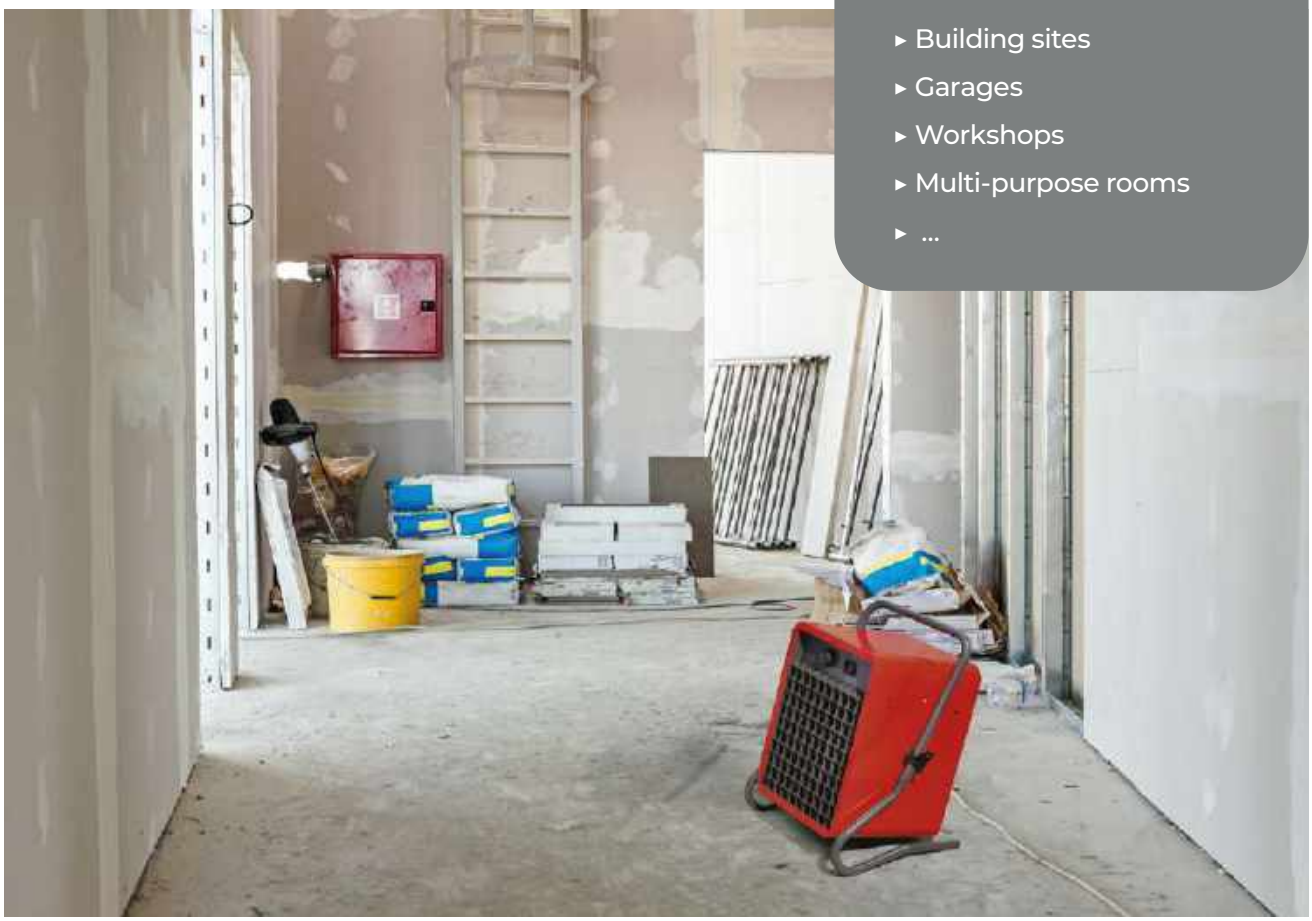
## DYBOX BT INFORMATION

| Power (W) | L xH x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| NON-INTEGRATED MODEL | | | |
| 300 | 590 x 590 x 60 | 7,2 | M105111 |
| 600 | 1190 x 590 x 60 | 14,0 | M105112 |
| FLUSH-MOUNTED MODEL (TO BE FIXED TO THE FRAME) | | | |
| 200 | 590 x 590 x 60 | 7,2 | M105110 |

CE | Class II<br>IP44 - IK08<br>230 V single phase | 2-year warranty

# VENTAIR

Air heaters
**Mobile**



## USE CASES

- Building sites
- Garages
- Workshops
- Multi-purpose rooms
- ...

## ADVANTAGES

- **Spiral element:**optimized heating, even heat, long life.

**Bring comfort where it is lacking**

Mobile unit heaters are designed to be moved easily and frequently. They are particularly suitable for small areas where space is at a premium, but also for use on the move.

**They produce an even, long-range flow**

The overall construction of the mobile fan heater, with its air propulsion unit, armoured spiral-finned heaters, air duct and specific directional grille, gives it a long-range, even-temperature air flow.

**Adapt to the seasons**

**- Full heating power:** in the middle of winter.
**- Half heating power:** in spring and autumn.
**- Room air ventilation:** in summer.

**They are practical**

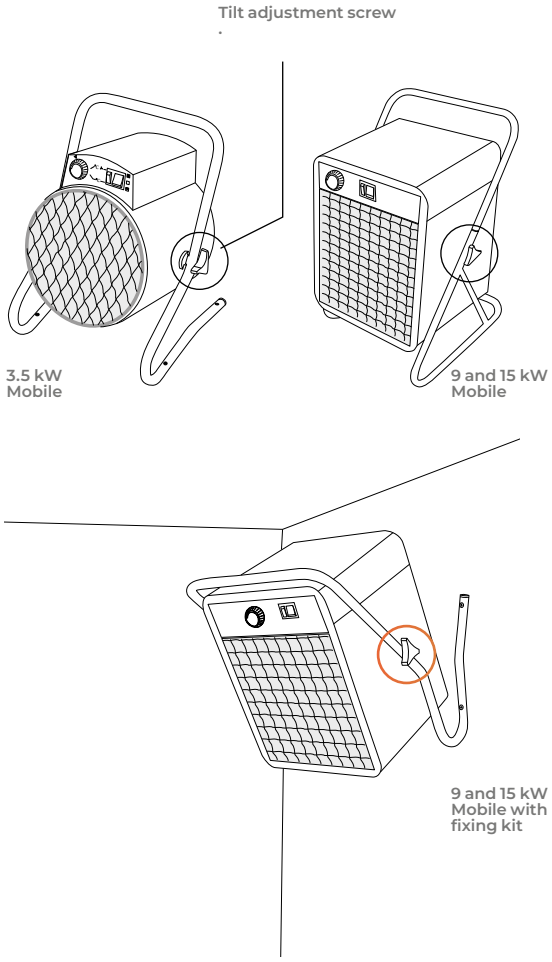
They can be wall- or ceiling-mounted if required, thanks to their pre-drilled transport loop.

## Designed for practicality and mobility

**Floor or wall mounted as required**

Our mobile fan heaters can be installed on the floor or wall-mounted as required.

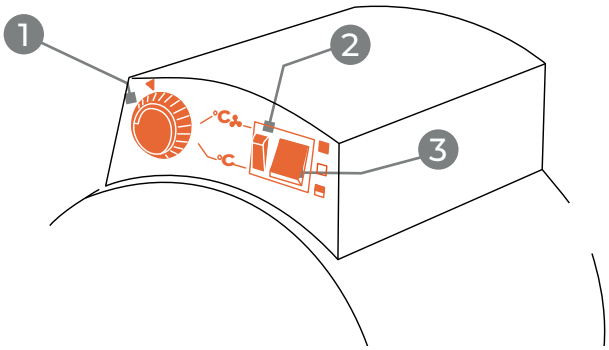
They are freely adjustable using the screws on the side uprights.




## Front-mounted control panel

**Ease of use**

1. Room thermostat control knob
   - Two power settings and off switch.
2. 2-position ventilation selector
   - Ventilation + heating are regulated by the thermostat (standard heating function).
   - The heating is regulated by the thermostat and the ventilation runs continuously (ideal for drying out a room or ventilating at room temperature).
3. 3-position heating power selector.




## VENTAIR INFORMATION

| Power (W) | Flow rate (m³/h) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|---|
| PORTABLE WITH MECHANICAL ADJUSTMENT | | | | |
| 3500 / 2000** | 272 | 330 x 450 x 335 cm | 7,9 | M102270 |
| 9000 / 6000** | 982 | 330 x 420 x 400 cm | 16,8 | M102273 |
| 15000 / 7500** | 1015 | 330 x 420 x 400 cm | 19,0 | M102274 |
| Colours: red body and anthracite grille | | | | |

* The dimensions in the table take the feet or handles supplied into account.
** Can be wall-mounted

CE | M102270: Single-phase 230 V~, supplied with 230 V - 16A plug | M102273: Single-phase 230 V~, three-phase 400 V + N~ | M102274 : Triple-phase 400 V + N~ | Class I IP44 - IK08 | 2-year warranty

# ANTISHOCK D

Shock-proof convector

**USE CASES**

- Places welcoming the public
- ...



## ADVANTAGES

- **High-resistance comfort designed for places receiving the public**
- **Vandal-resistant design with reinforced structure**

**Impact-resistant design**

Made from thick 10-gauge steel with safety chains, meaning it is designed to withstand the heaviest impacts.

**A diffusing aluminium alloy emitter**

Exceptionally rapid heat-up thanks to optimised heat exchange between the heating element and the space to be heated, thanks to the single-piece, single-metal heating element made from a special, thick aluminium alloy.

**Intergrated programming**

A simple and practical way to create savings with 3 pre-recorded programmes to assign to different days of the week.

## ANTISHOCK D INFORMATION

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| 500 | 390 x 440 x 95 | 5,5 | M104111 |
| 750 | 540 x 440 x 95 | 6,9 | M104112 |
| 1000 | 540 x 440 x 95 | 6,9 | M104113 |
| 1500 | 720 x 440 x 95 | 9,2 | M104115 |
| 2000 | 870 x 440 x 95 | 10,5 | M104117 |
| 3000 | 1170 x 440 x 95 | 13,5 | M104119 |

CE | Class II<br>IP24 - IK10<br>230 V single phase | 3-year warranty

# THREE PHASE

Three-phase convection



**USE CASES**

- Office areas in workshops or factories
- ...

**An entirely three-phase design**

The single-unit heater, regulation and circuit breaker are grounded to guarantee comfort, safety and **perfect balance** for the heating system. The regulation can be controlled in 6 multi-tariff increments via pilot wire (for three phase+ N).

CE

3-phase 400 V - To be connected by pilot wire to a central programming unit, a neutral wire is required.
Class II
IP24 - IK08
230 V single phase

3-year warranty

| Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|
| 1500 | 700 x 470 x 109 cm | 6,0 | M108115 |
| 2000 | 849 x 470 x 109 cm | 7,6 | M108117 |

# PULSE

Hand dryer
**Intensive use**



**USE CASES**

- Changing rooms
- Service stations
- ...

**Designed for strength and efficiency**

With its cast aluminium body and burglar-proof safety lock, it is designed to withstand impacts and incivilities. Its airflow is adapted for fast, economical drying.

CE

Class II
IP24 - IK10
230 V single phase

2-year warranty

| | Power (W) | L x H x W* (mm) | Weight (kg) | Information |
|---|---|---|---|---|
| BRILLIANT WHITE | 2100 | 280 x 264 x 202 | 5,2 | M133111 |
| THORIUM GREY | 2100 | 280 x 264 x 202 | 5,2 | M133121 |

* Width: when wall-mounted including mount



# CONNECTIVITY



# intuis connect with Netatmo

## One application, two connection methods




### intuis Connect solutions



| White Module | Anthracite module | Gateway | Water meter | Meter manager | Shunt kit |
|---|---|---|---|---|---|
| **NEN9241AA** | **NEN9241AAHS** | **M090040** | **NEN9501AA** | **NEN9291AA** | **NEN930AAA** |



**Intuis connect gateway**

**Radiators with module**



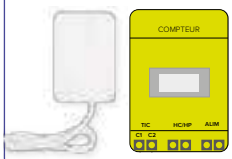
**Nativ radiators**




**Water manager**



**Meter manager**




## Radiators compatible with the intuis connect Gateway



Calidoo nativ



Beladoo nativ



Signature Range

## Radiators compatible with the intuis connect module (Module supplied)



Sloop



Dook



Axoo



Ook

## Radiators compatible with the intuis connect module (Optional module)



Shaman



Sensual



Novium



Balica



Etic Bath



Etic



Quartea Intelligent



Sensual Bath

# intuis connect with Netatmo

## One application, three information levels

Télécharger dans l'App Store

DISPONIBLE SUR Google Play

1

**The connection modules or gateway manage your heating via the connected radiators and monitor their energy use.**



2

**Add the Water Manager to manage your water heater and monitor its consumption.**



3

**Add the Meter Manager to monitor energy consumption throughout your home and use smart power management.**



**Heating schedule**
Total freedom to choose temperatures to suit different lifestyles.

**Managing an unexpected absence**
If there's a change of schedule such as an unexpected absence, Intuis connect automatically lowers the heating to maximise savings.

**Room-by-room temperature control**
A complete overview of the installation and room-by-room temperature control. Radiators in the same room can be synchronised.

**Open window detection**
If a window is opened, the heating switches off automatically.

**Voice-activated heating control**
As well as the ability to link with other smart devices.

**Energy use control**
Everything you need to know about energy use to keep expenditure under control.

**Absence management**
Manual management of short absences (weekends) and long absences (holidays).

**Notifications**
In case of of unexpected events (an open window, presence detected etc), the application alerts you.

**Online help for ongoing support**
Online help with FAQs and video tutorials is available within the application.

**New for 2023**
Development of energy usage graphs.

**Remote control**
of most electric and thermodynamic water heaters (ON/OFF and forced operation).

**Energy use control**
View the electricity usage of the controlled water heater(s).

**New for 2023**
Domestic hot water heating schedule.

**Smart power management**
Smart power management to switch off radiators and avoid exceeding the contracted power: allows the consumer to use a lower power rating if necessary.

**Energy use control**
Monitoring of electricity usage throughout the home (all uses).

**Tariff management**
Manages radiator operation according to French tariff periods (EJP - Tempo).

# The new nativ thermostat




## Nativ thermostats

Our new user interface equips the
Calidoo nativ and Beladoo nativ ranges, as well as the Intuis signature range.

### Better ergonomics for intuitive use

Equipped with a colour graphic screen and a navigation button, the new nativ interface has been designed to meet the needs of the user and enable efficient interaction with connected heating equipment. It offers intuitive, fluid operation for a great user experience.

The sensors and thermal intelligence algorithms built into the radiator ensure greater comfort and optimised energy savings by coordinating the radiator's 2 or 3 heating
elements in different ways.

## More individual functions for greater comfort and reduced energy consumption

- **Synchronization of radiator operating modes**
  Preset temperature, heating schedule, presence detection, lockout, etc. are adopted by all radiators synchronized with each other.
- **Manual heating schedule**
  Precisely program the temperature of each room throughout the day.
- **Auto schedule**
  Automatic creation of a heating schedule based on detected attendance and absence patterns.
- **Access control to settings functions**
  Via PIN code or preset management
- **Auto clearing during peak periods**
  Automatic heating mode adaptation during periods of electrical demand (option available with Calidoo nativ).

## More connectivity, giving a range of other uses

- **Controllable using the Intuis connect with Netatmo App.**
  - Via combination with the intuis connect gateway (one per home).
  - Or by integrating it into an existing installation connected using modules.
- **Compatible with certain home control panels**
  (please contact us).

# The new intuis connect gateway

## More simplicity with the intuis connect gateway which connects all products equipped with a nativ thermostat and radiators equipped with a module in a home.



### The intuis connect gateway

With its discreet design, the Intuis connect gateway simply plugs into an electrical socket and carries the Intuis brand identity. With the Intuis connect with Netatmo App, you'll be able to take control of all **nativ heating equipment.**



### Simple, intuitive installation in just a few steps

1. Install your nativ radiators.
2. Download the free Intuis connect with Netatmo App and create an account.
3. Plug the Intuis connect gateway into an electrical socket.
4. Make sure your internet router is transmitting a **2.4 Ghz Wi-Fi network** (adjustable in your router settings) and connect your smartphone to this network.
5. Open the Intuis connect with Netatmo App and follow the instructions to install the gateway and your nativ radiators in just a few clicks.

Equipment connected in this way can be remotely controlled room by room using the app.

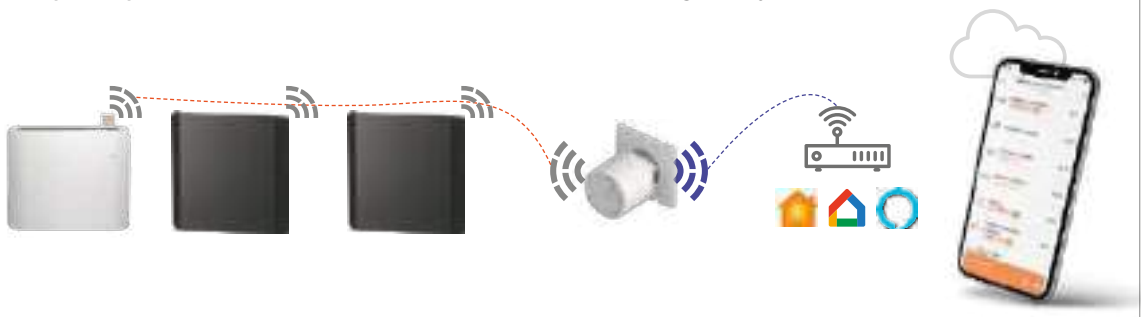
## Use cases

**Example 1: Synchronised operation of unconnected nativ radiators**



From the radiator interface, the user selects the radiators that will be synchronised together.

**Example 2: operation in connected mode with the Intuis connect gateway**



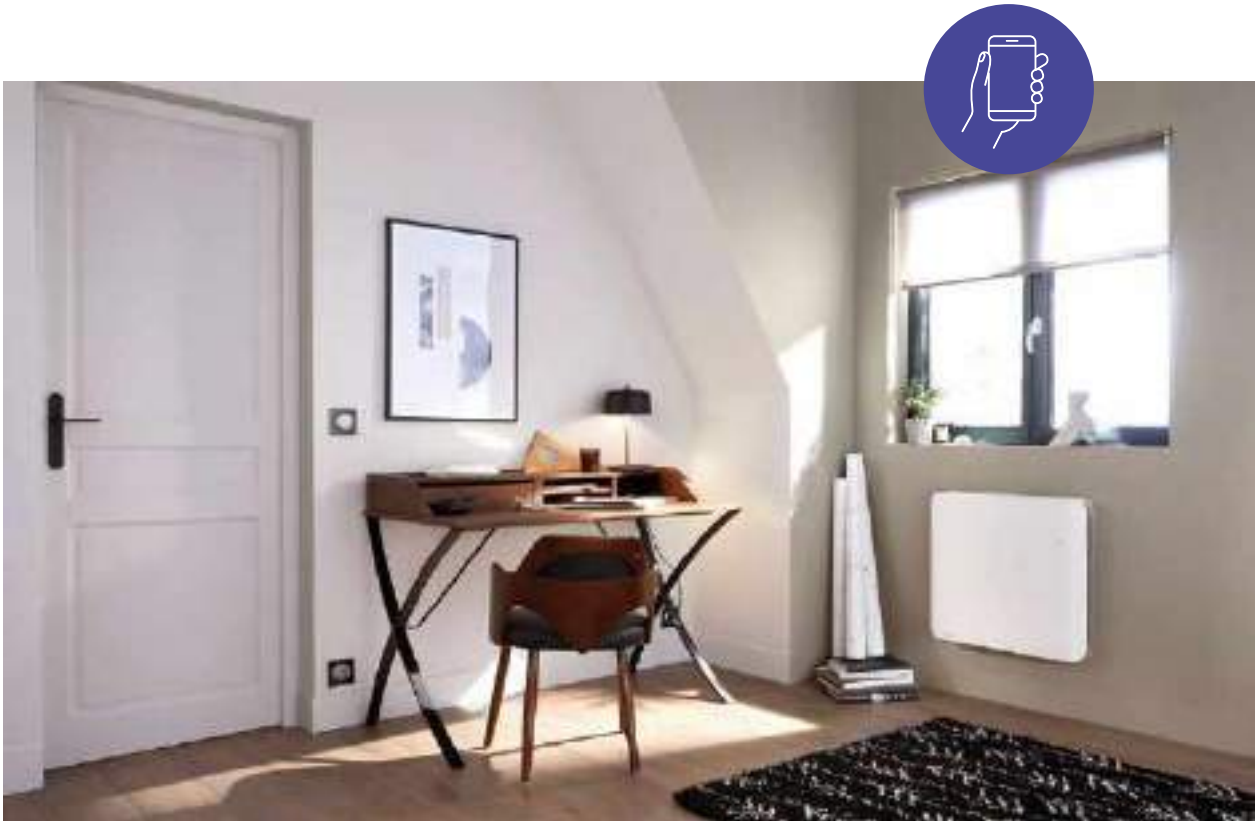
nativ radiators and radiators with modules are linked to each other and to the intuis connect gateway via radio frequency.

**Example 3: operation in connected mode with radiators with modules**



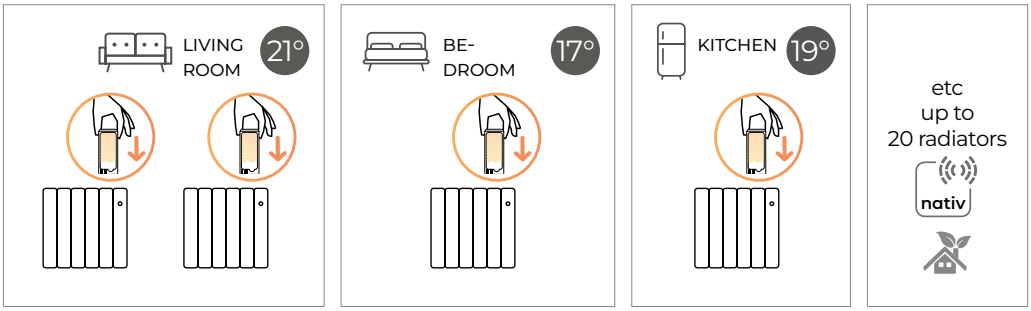
nativ radiators are linked by radio frequency to radiators fitted with a module.

# Module connection



## 1 connection module per radiator

- Radio frequency communication
- Up to 20 radiators on the system






You can combine nativ radiators in an installation with module(s). One of the modules will act as a gateway.

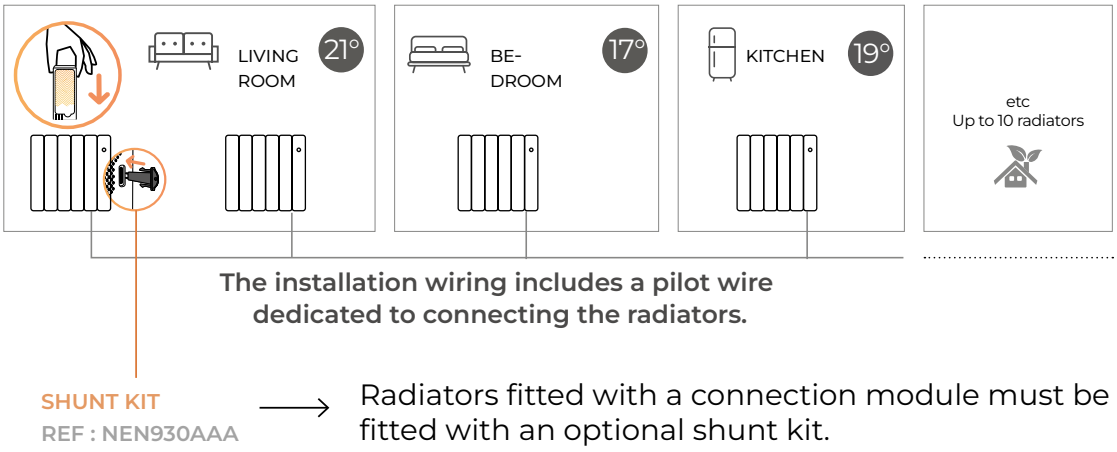
### Installation in just a few clicks

1. Install your radiators without inserting the modules.
2. Download the free Intuis connect with Netatmo App and create an account.
3. Make sure your internet router is transmitting a **2.4 Ghz Wi-Fi network** (adjustable in your router settings)
   and connect your smartphone to this network.
4. Open the Intuis connect with Netatmo App and follow the instructions. Insert the module(s) only when the app prompts you to do so.
5. Equipment connected in this way can be controlled remotely, room by room, using the app.

# Connection via module and pilot wire

**A single radiator fitted with a connection module and shunt kit ensures connection of the various radiators**

- Pilot wire communication
- Up to 10 radiators on the system




**The installation wiring includes a pilot wire dedicated to connecting the radiators.**

SHUNT KIT
REF : NEN930AAA

Radiators fitted with a connection module must be fitted with an optional shunt kit.

**Note: nativ radiators cannot be connected to this pilot wire.**

**It is possible to combine the two types of installation**
(via radio connection and pilot wire)

- Up to 20 radiators on the system
- Maximum of 10 radiators are connected to the pilot wire (one connection module and one shunt kit on one radiator).
- The other radiators are each fitted with a module (radio frequency) or are nativ radiators

Online help for ongoing support

Video tutorials and FAQs

**VISIT THE WEBSITE**
**INTUIS.FR > HELP AND SUPPORT SECTION**

| AIRELEC | APPLIMO | NOIROT | intuis | SPECIFICATIONS |
|---|---|---|---|---|
| - | Dook | Dook | DOOK | Radiant front panel + active cast iron |
| Airevoa | Soleidou | Calidou | CALIDOO NATIV new 2023 | |
| - | - | - | CAMPALYS | |
| Fontea | Pegasus | Bellagio | BELADOO NATIV new 2023 | Active cast iron |
| - | Lena | Axiom | AXOO | |
| - | - | - | SHAMAN | |
| - | Etic Vertical | Etic Vertical | ETIC VERTICAL | Radiant front panel + One-piece aluminium element |
| - | Etic Compact | Etic Compact | ETIC COMPACT | |
| - | Sensual | Sensual | SENSUAL | One-piece aluminium element |
| Aixance Intelligent | Quarto Intelligent | Aurea Intelligent | QUARTEA INTELLIGENT | |
| Actua | Novares | Millenium | NOVIUM | |
| - | - | - | OSLO 2 new 2023 | |
| Oslo | Inofluid | Axane | AXINO | Heat-transfer fluid |
| | | | SLOOP new 2023 | |
| Aixance Digital | Quarto D+ | Aurea D | QUARTEA 2 new 2023 | One-piece aluminium element |
| Tactic Digital | Euro D+ | Spot D | EUROSPOT | |
| - | Bi-junction | Bi-junction | BI-JUNCTION | 2 power supply circuits |
| Accutop | Accuro 2 | Dynatherm MA | ACCUTHERM | Battery pack |
| - | Petite enfance | R21 | R21 | Special petite enfance |

RADIATORS

| | | | | |
|---|---|---|---|---|
| - | Ook | Ook | OOK | Radiant front + fan |
| Aleria | Balina | Corsica | BALICA | |
| - | Sensual Bath | Sensual Bath | SENSUAL BAIN | Radiant front |
| - | Etic Bath | Etic Bath | ETIC BAIN | Heated front panel + fan |
| - | Helia | Helia | HELIA | |
| Osya | Osya | Osya | OSYA | Heat-transfer fluid |
| - | - | - | EZYBAIN new 2023 | |
| Bahia 3 | Napo 2 | Oleron 2 | NAO | |
| - | Ariane 3/Carino 2 | Helios D/DS | ARIOS | Fan |
| Airtop 2 | Agate 3 | Divonne 3 | DIGATE | |
| Solaris 2 | Quartz 2 | Royat 2 | ROYATZ | Infrared |

BATHROOM

| | | | | |
|---|---|---|---|---|
| - | Anti vandalism | Antishock | ANTISHOCK D | Places open to the public |
| Air curtain | Air curtain | Air curtain | STOPAIR | Electric air curtain |
| Fan heater | Fan heater | Fan heater | AIRPULS | Wall-mounted electric fan heater |
| Portable fan heater | Portable fan heater | Portable fan heater | VENTAIR | Portable electric fan heater |
| Infrared IRC | Infrared IRC | Infrared IRC | IRC NOVUS new 2023 | Very high-temperature long-range infrared |
| Stainless steel IRC | Stainless steel IRC | Stainless steel IRC | IRC DECO | |
| - | - | - | EQUILIBRE | |
| Medium infrared | Industrial infrared | Infrared IRM | IRM | High-temperature infrared |
| Cassette MT | Cassette MT | Cassette MT | DYBOX MT | Medium-temperature infrared |
| Cassette BT | Cassette BT | Cassette BT | DYBOX BT | Low-temperature infrared |

SERVICES & INDUSTRY



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SIRET: 334 981 958 00104 - VAT NO.: FR84 334 981 958 - APE CODE: 27.51Z


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ELECTRIC HEATING

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