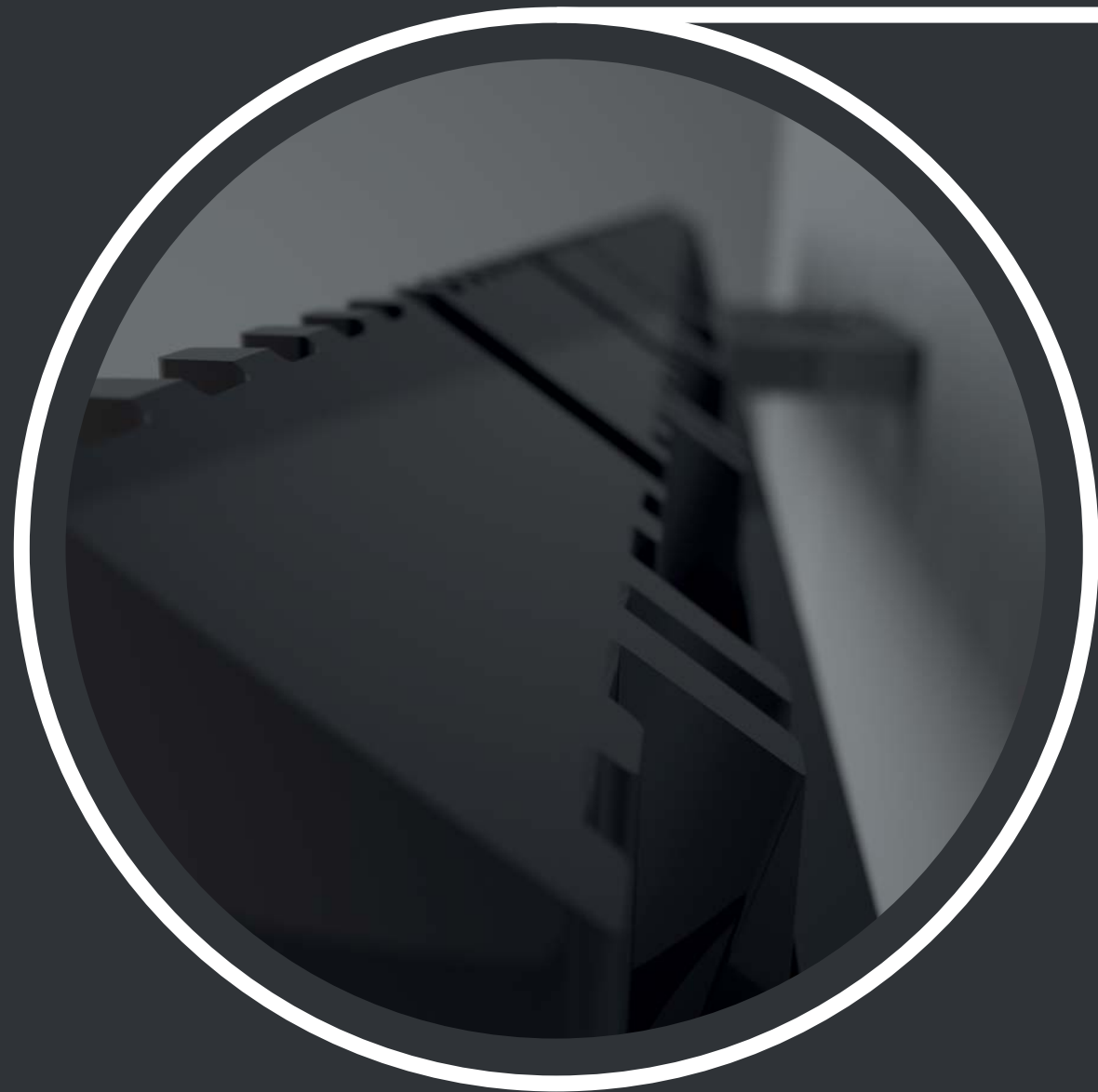


# NEEDO

MAXIMUM COMFORT  
FOR MINIMUM ENERGY

# THE REVOLUTION NEEDO



Design

*Needo is a European brand of Zoppas industries, the world leader in heating elements for domestic appliances and industrial applications with a presence on all 5 continents. The brand has profited from several years of research by the CIT, the Innovation and Technology Centre of Zoppas industries to offer an innovative and perfectly reliable range of heating appliances.*

*Needo's vision of innovation is expressed in a new and integral approach to the needs of its customers, both professionals and private individuals. Indeed, to innovate Needo addresses, on a level field, **Performance, Design, Ergonomics and Respect for the Environment.***

*Needo has set itself the task of revolutionising your domestic electric heating to truly respond to your needs and preoccupations as important as **energy saving, comfort and design.***

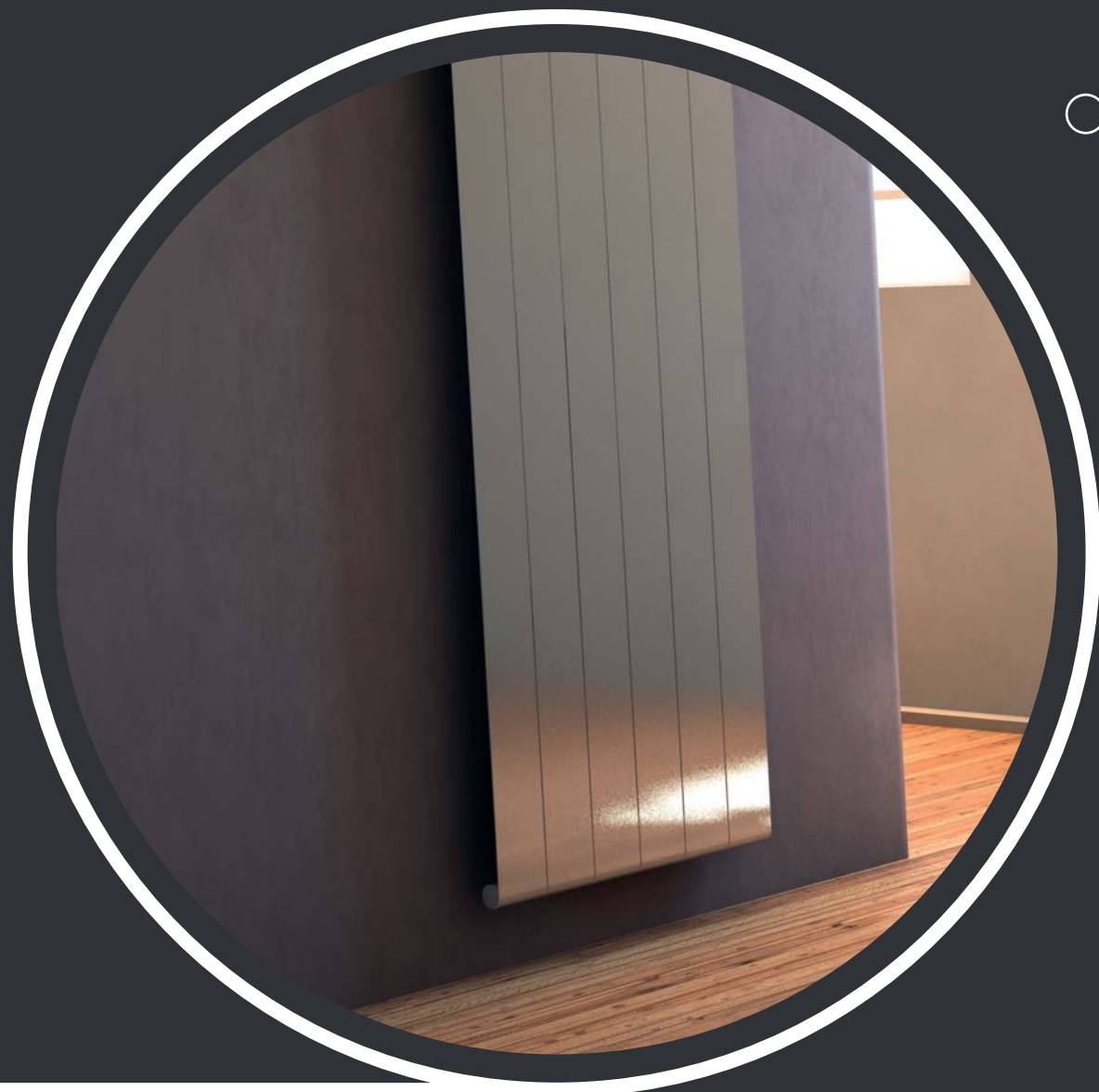
Comfort

ECONOMICS

# THE CONCEPT NEEDO



*MAXIMUM COMFORT FOR MINIMUM ENERGY*

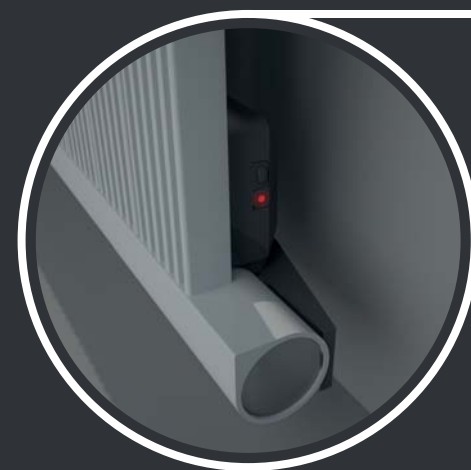


# THE CONCEPT NEEDO



TAKE ADVANTAGE OF AN INNOVATIVE AND COMFORTABLE TECHNOLOGY WITH MUCH HIGHER PERFORMANCE

Jusqu'à  
**25%**  
d'économie d'énergie  
Up to **25%**  
energy saving



The required  
temperature  
reached

**twice**  
as quickly

**More**  
effective  
heat diffusion

**Independent**  
management  
of the temperature  
in each room

At last,  
**a simple**  
& **precise**  
remote control  
system

**Real-time**  
monitoring  
of your energy  
consumption  
**in each room**

An ingenious  
anti-dust and  
anti-dirt system  
**for perfectly**  
**healthy air**

**5 years**  
guarantee \*

\* 5 years guarantee on the heater itself  
and 2 years on the electronics

# THE CONCEPT NEEDO



CHANGE CLIMATE AND SWITCH TO **COMFORT MODE**

*Needo, more than just a radiator, a complete heating and control system, based on innovative technology.*

*Your radiators heat up almost instantly but softly, diffusing a more uniform heat. Your comfort is assured, whatever the season.*

*Your environment is perfectly healthy, thanks to a technology that does not dry out the air and an ingenious system that allows cleaning of the backs of your radiators.*

*FROM YOUR ARMCHAIR, YOU CAN EASILY ADJUST AND PROGRAMME THE TEMPERATURE IN EACH OF YOUR ROOMS.*



*" Being aware of my consumption in each room, depending on the chosen levels of comfort is an easy way to make even greater savings on my bills."*



**my NEEDO**

*With your portable control centre my NEEDO, which communicates with each of your radiators, you can programme and monitor the temperature in each of your rooms. This makes it very simple to optimise your comfort at the same time as making real energy savings.*

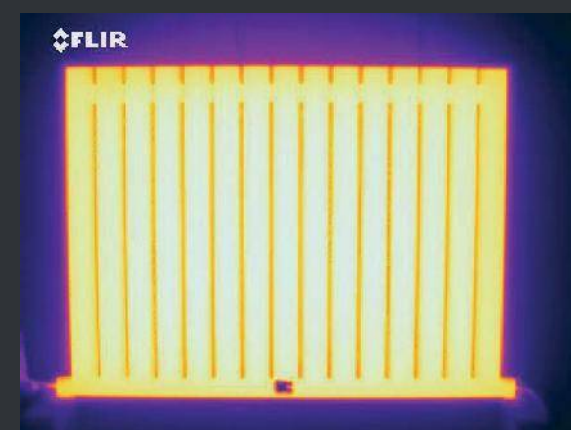
# TECHNOLOGIC NEEDO

A *RELIABLE TECHNOLOGY* THAT COMBINES  
PERFORMANCE AND ENERGY SAVINGS

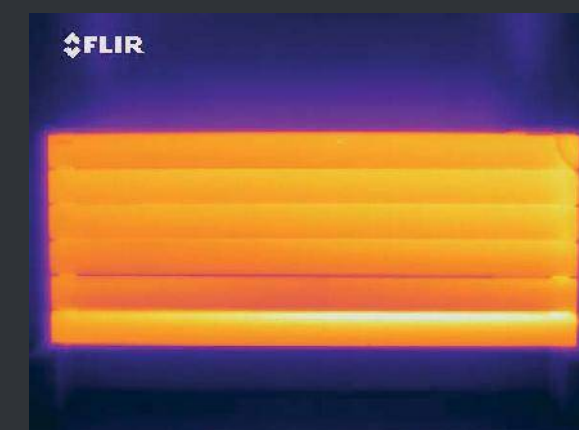
• An *innovative*, two-phase heat transfer system that enables you to :

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

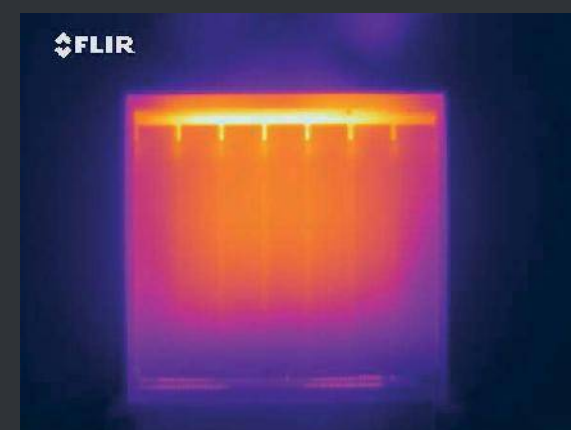
• A uniform heat over the whole radiator permits the best use to be made of the energy, distributing it more rapidly and comfortably in the room.



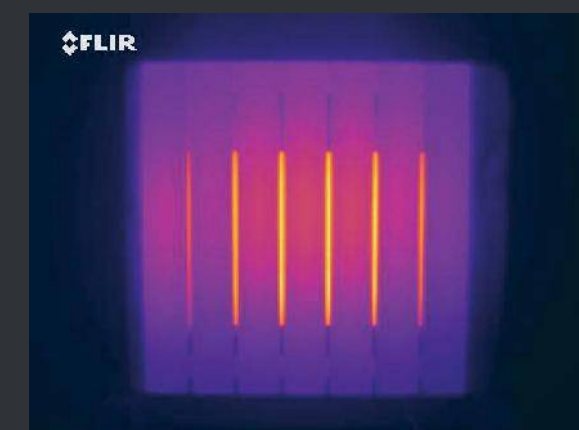
NEEDO



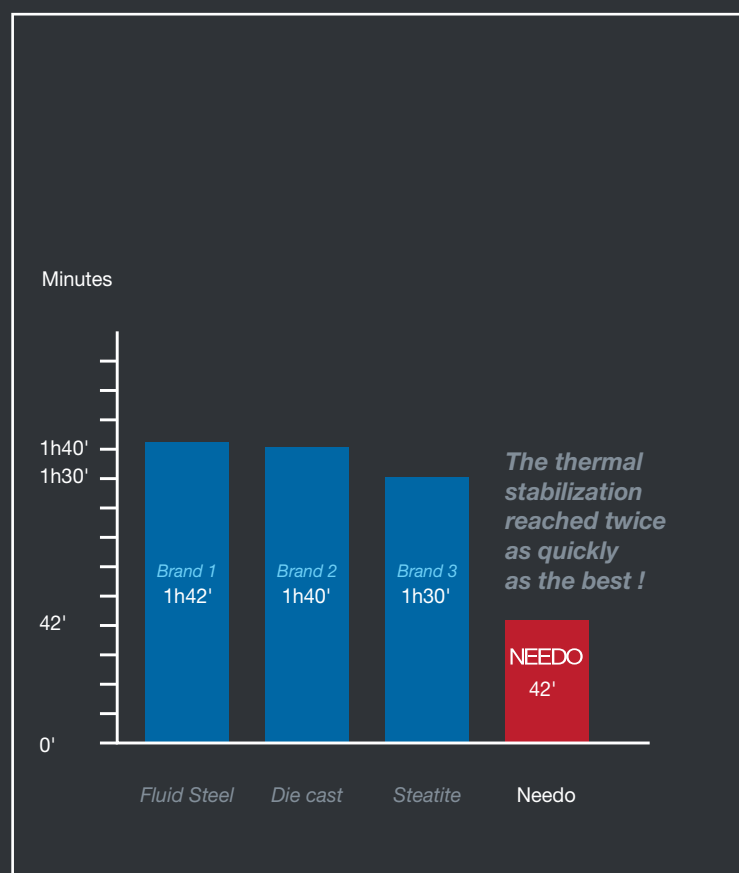
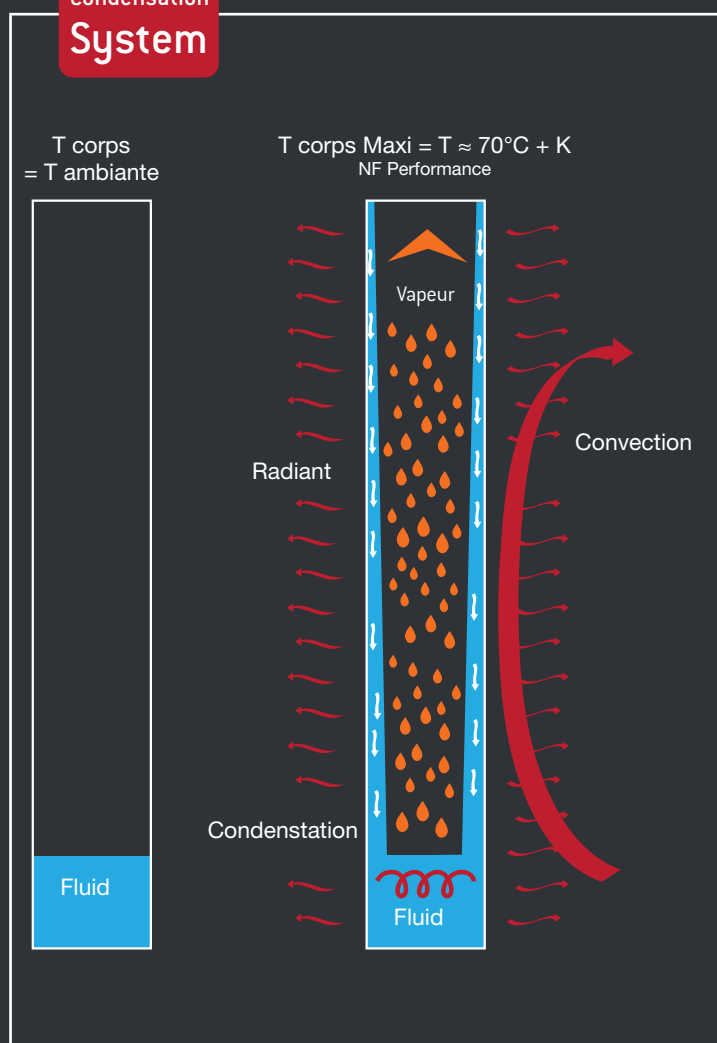
Concurrent radiator 1



Concurrent radiator 2



Concurrent radiator 3



Test carried out with the three best performing, competing brands on the French market - basis 1000 W / 220 V.

## my NEEDO

• A mobile control centre that communicates with each of your radiators

Simple and accessible information on the consumption of each of your radiators for improve management of your consumption.



# NEEDO DESIGN AND ERGONOMICS

- More than just radiators, Needo offers heating solutions that blend perfectly with your interior design. A priority on aesthetics that combine practicality with every-day use.

The slimmest radiators  
on the market

**3 cm !**



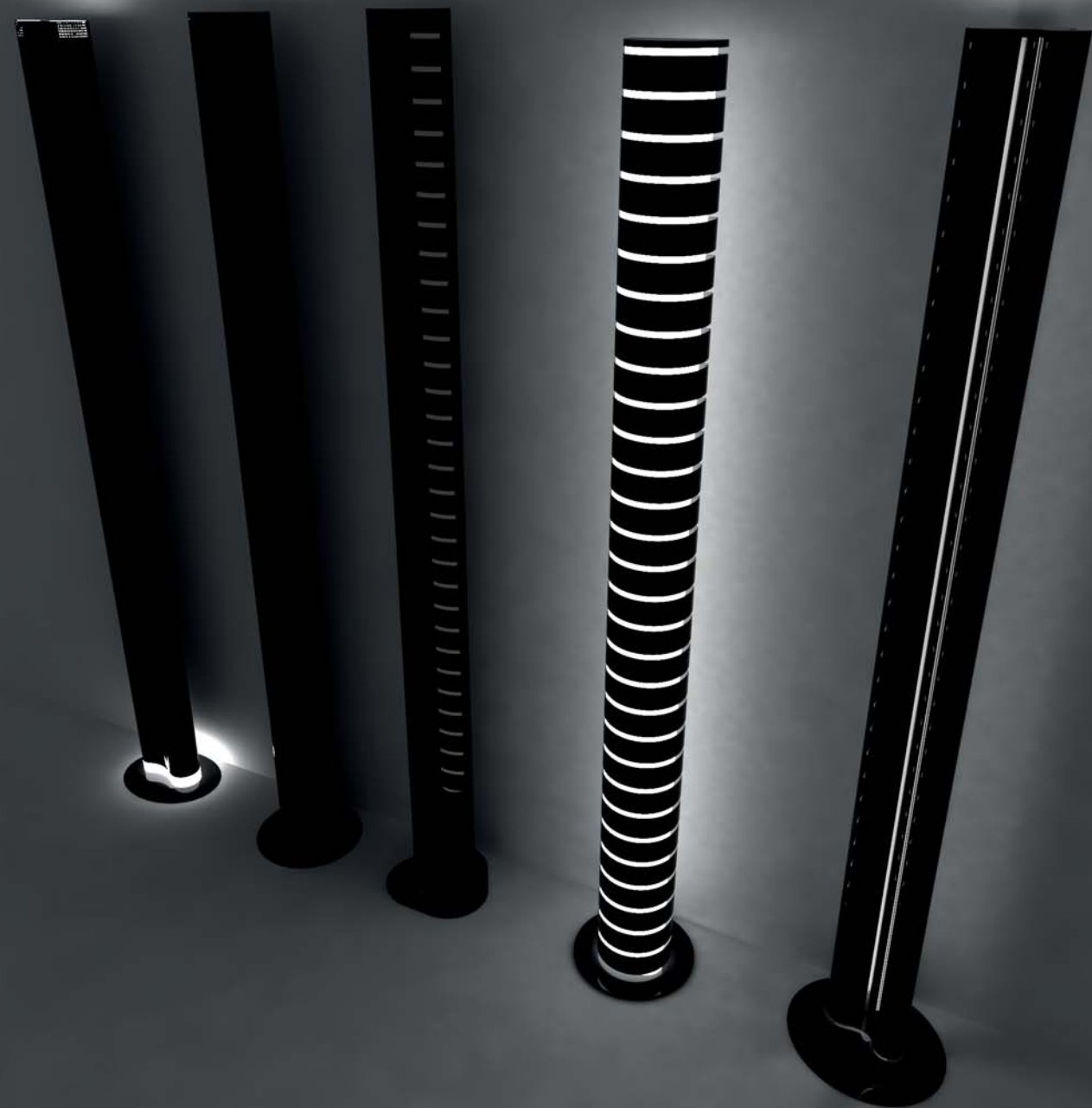
## INTELLIGENT DESIGN :

*A radiator that is always impeccable for air that is always purer*  
The horizontal Needo radiators can be tilted for quick and easy cleaning to ensure that your air is perfectly healthy and dust-free.

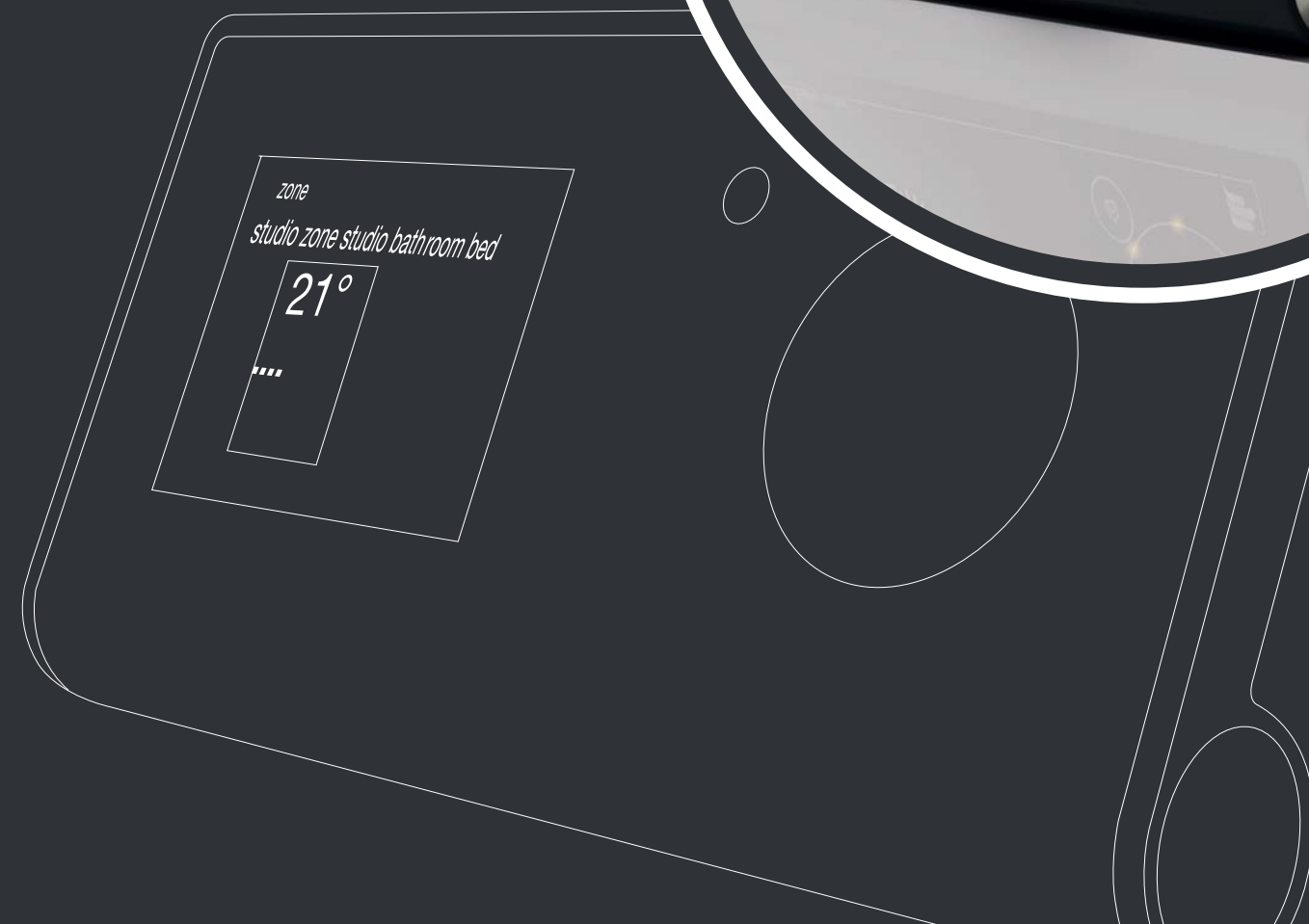
*ELEGANCE DOWN TO THE SMALLEST DETAIL :*  
A fixing system that blends perfectly into the lines of your radiator.

# NEEDO DESIGN AND ERGONOMICS

## my NEEDO



- *my* NEEDO , a control console with sleek lines to fit in with any interior.



*my* NEEDO

# GREEN NEEDO

NEEDO *GREEN TECHNOLOGY* TO THE CORE OF THE PRODUCT !

## Today

*you reduce your energy consumption*

*The combination of a high-performance radiator with a simple and intelligent control system will enable you to make energy savings of up to 25 %.*



## Tomorrow

*you reduce your ecological footprint*  
**A RECYCLABLE RADIATEUR - INCLUDING FLUID**

ISO  
14001

- ▶ **A totally recyclable, high-performance fluid**, without effect on global warming and the ozone layer, to which can be added the general use of aluminium and **100 % recyclable packaging**, lead to very low environmental impact.
- ▶ **An environmental guarantee with ISO 14001 certification**  
Our production is ISO 14001 certified, a guarantee of non-polluting products that are inoffensive to the environment and fully compliant with the environmental objectives pursued by the European Union for several years.



*IN CHOOSING NEEDO,  
YOU PROTECT YOUR CHILDREN'S FUTURE.*



**12 TIMES LESS FLUID TO RECYCLE  
FOR HIGHER PERFORMANCE.**

# my NEEDO



A SIMPLE AND INNOVATIVE **CONTROL CENTRE** THAT REVOLUTIONISES THE MANAGEMENT OF YOUR HEATING



High-definition screen

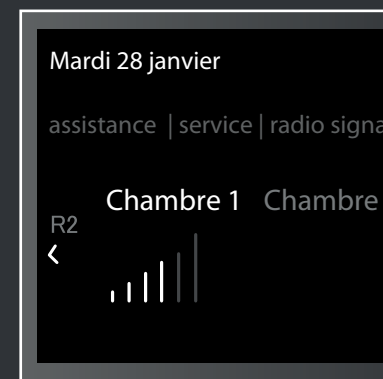


Touch-control of functions

Transmission of settings and reception of information sent by the radiators

Intuitive and easy navigation

Indication of the status of each radiator (mode, setting etc.)



Test of correct operation of each radiator

Indication of radiator consumptions



Possibility of setting up zones of several radiators



MY NEEDO CAN BE ADAPTED TO ALL EXISTING SYSTEMS WITH A CONTROL WIRE OR KONNEX SYSTEM.



**my NEEDO CONTROL LOST OR BROKEN !**  
No worry, your radiators are equipped with a system that enables you to choose between three different operating modes : standby, comfort 20° or boost 100% for 2 hrs.

# RADIATOR NEEDO

Temperature  
regulation  
reached

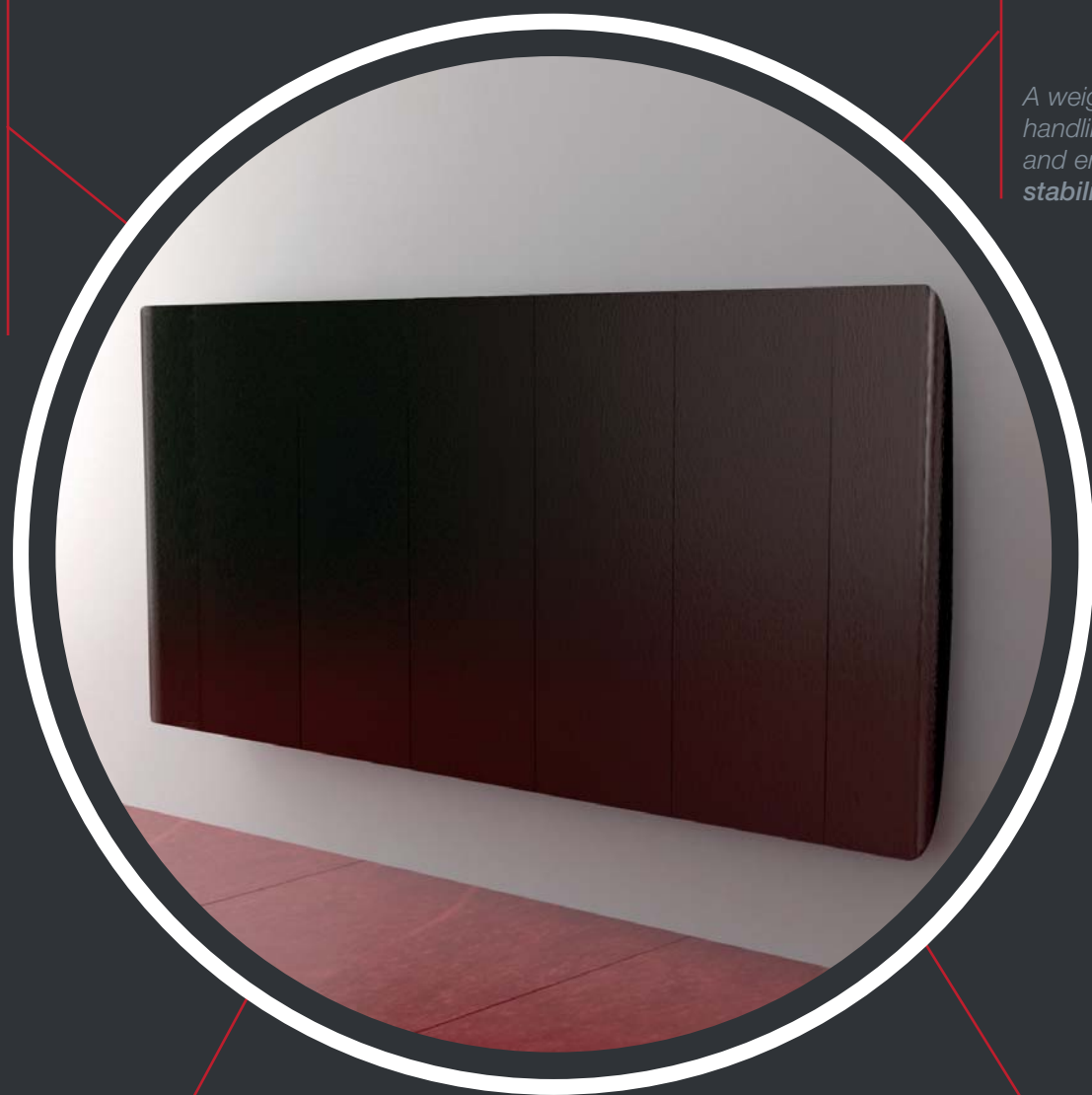
**2 x**  
as fast



HIGHER PERFORMANCE - AND MORE INTELLIGENT !

Condensation  
System

A more  
effective heat  
diffusion



A weight that facilitates  
handling and installation  
and ensures excellent  
stability on the wall.

COMMUNICATE WIRELESSLY WITH YOUR RADIATOR USING  
THE BI-DIRECTIONAL CONTROL SYSTEM (ZIGBEE)

YOU OBTAIN THE FOLLOWING INFORMATION REMOTELY FROM YOUR RADIATORS :

Measurement of your consumption in kW for each radiator

Conformation of correct response to your commands

The temperature of each of your rooms

ADS  
Auto  
Diagnostic  
System

Self-diagnosis system : each of your radiators gives you information on its correct operation and, if need be, indicates its faulty condition

Plug  
&  
Play

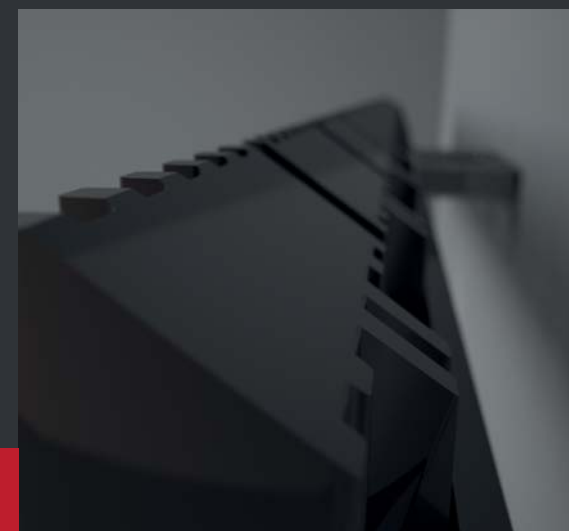
Quick and easy "plug and play"  
installation as compared with other  
heating systems equipped with central control.



**KNX** The Zigbee bi-directional,  
wireless communication system built into each radiator  
enables it to send and receive information. The radiator is  
provided of a Konnex system of communication for all future  
applications in home automation and building control.

SAP  
System  
Anti  
Poussière

No traces on walls, thanks to a specially designed, anti-soiling profile !



A radiator body consisting of special extruded aluminium  
sections providing exceptional heat exchange performance  
and rigidity.

# NEEDO *Line T*

A POSITIVE DESIGN APPROACH FOR THESE RADIATORS, READY TO GIVE YOUR WALLS  
A HINT OF MODERNISM - BUT WITH DISCRETION.



HORIZONTAL MODELS



VERTICAL MODELS

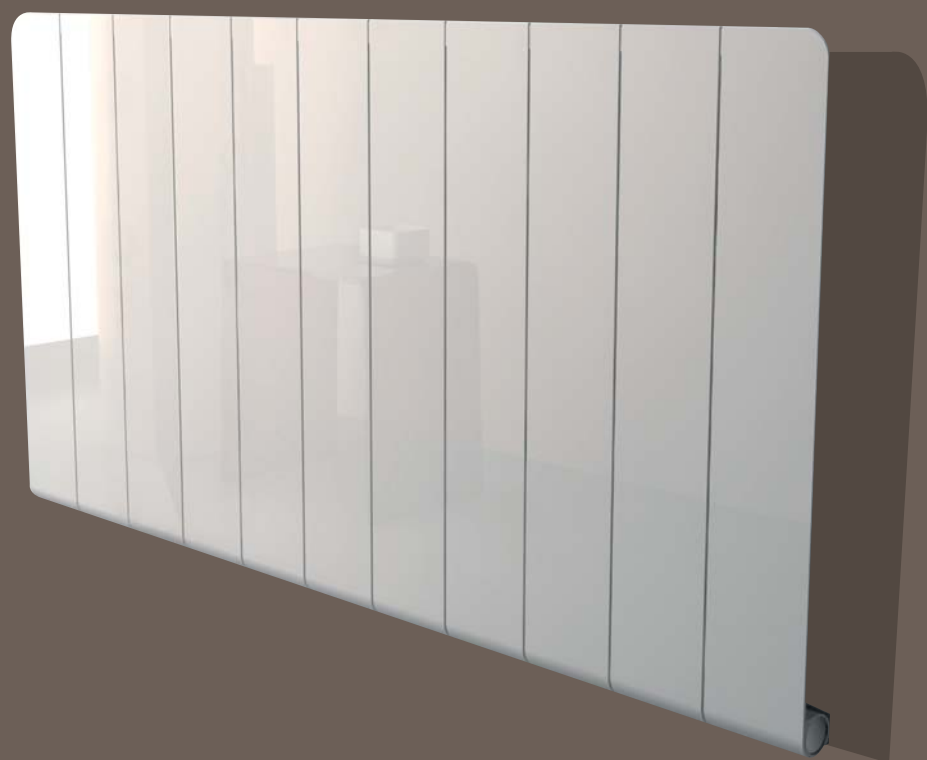


# NEEDO *Line M*

RECONCILING AESTHETICS AND PURITY, SHAPE AND VOLUME, VISIBILITY AND DISCRETION, THE WHOLE SPIRIT OF THIS LINE IS DEDICATED TO ALL INTERIORS.



HORIZONTAL MODELS



VERTICAL MODELS

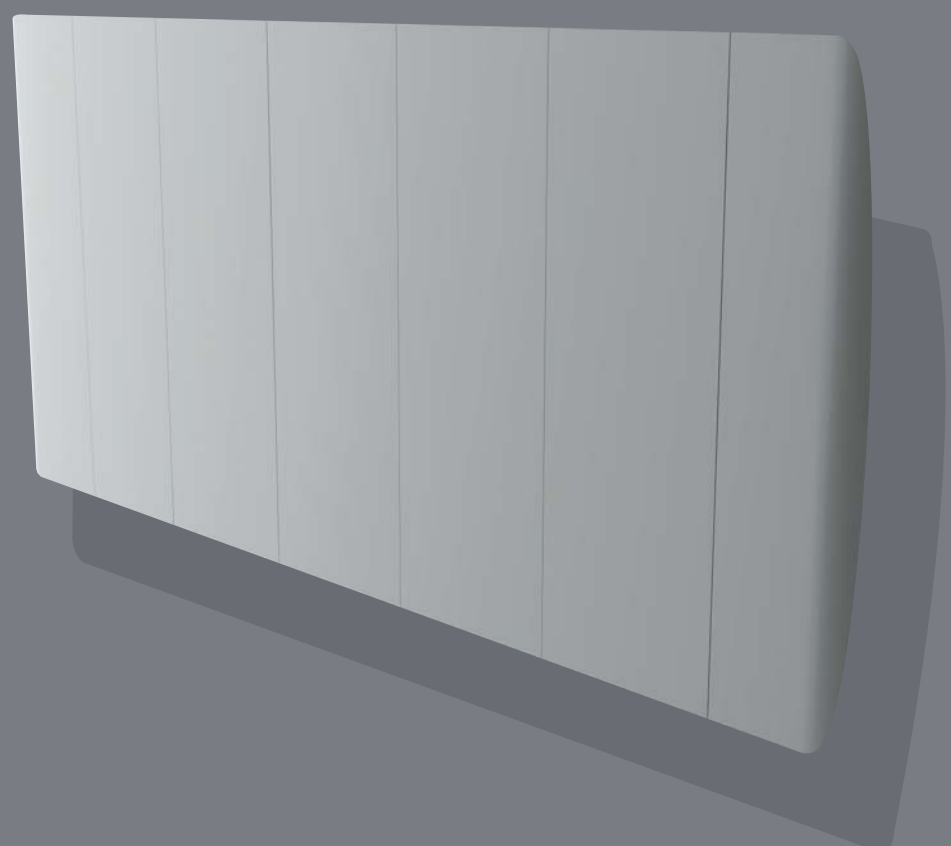


# NEEDO *Line R*

SOFT, ROUNDED LINES WITH GENTLE AND DISCREET CURVES THAT GIVE YOUR INTERIOR A FEELING OF HARMONY, WHATEVER THE COLOUR CHOSEN.



HORIZONTAL MODELS

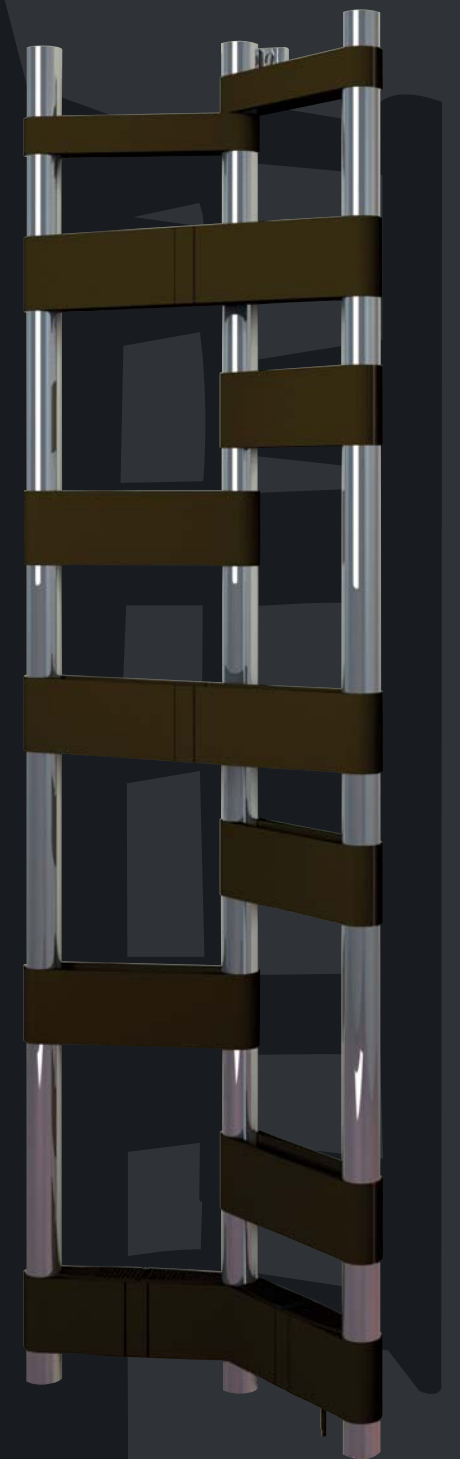
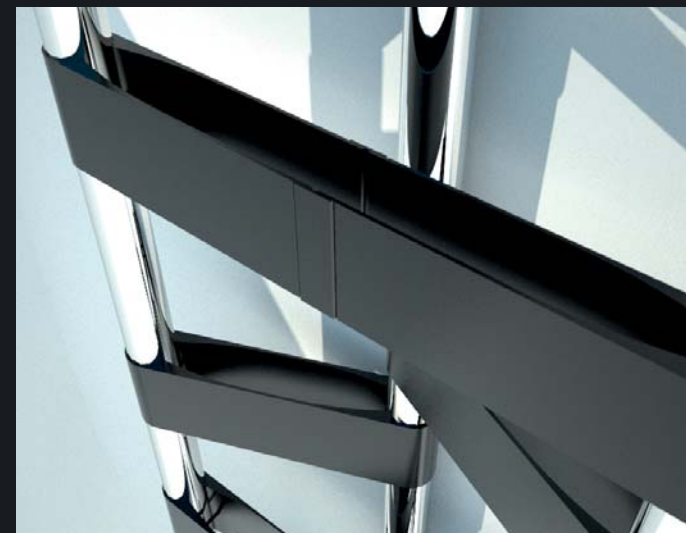
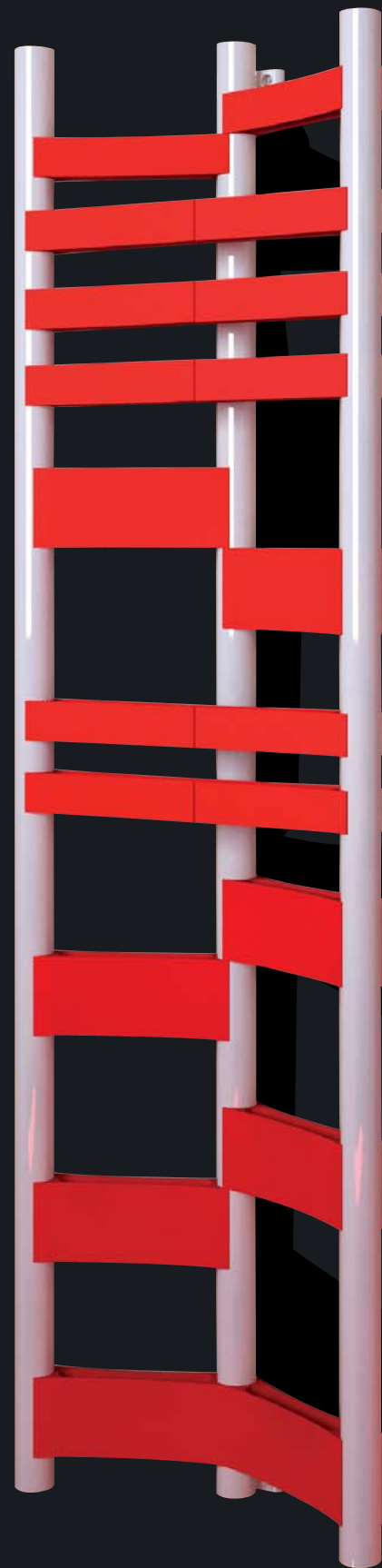


VERTICAL MODELS



# NEEDO *Sèche serviettes*

TOWEL RAILS THAT SWIVEL ON THE CENTRAL AXIS AND IMPROVE THE DRYING CAPACITY.

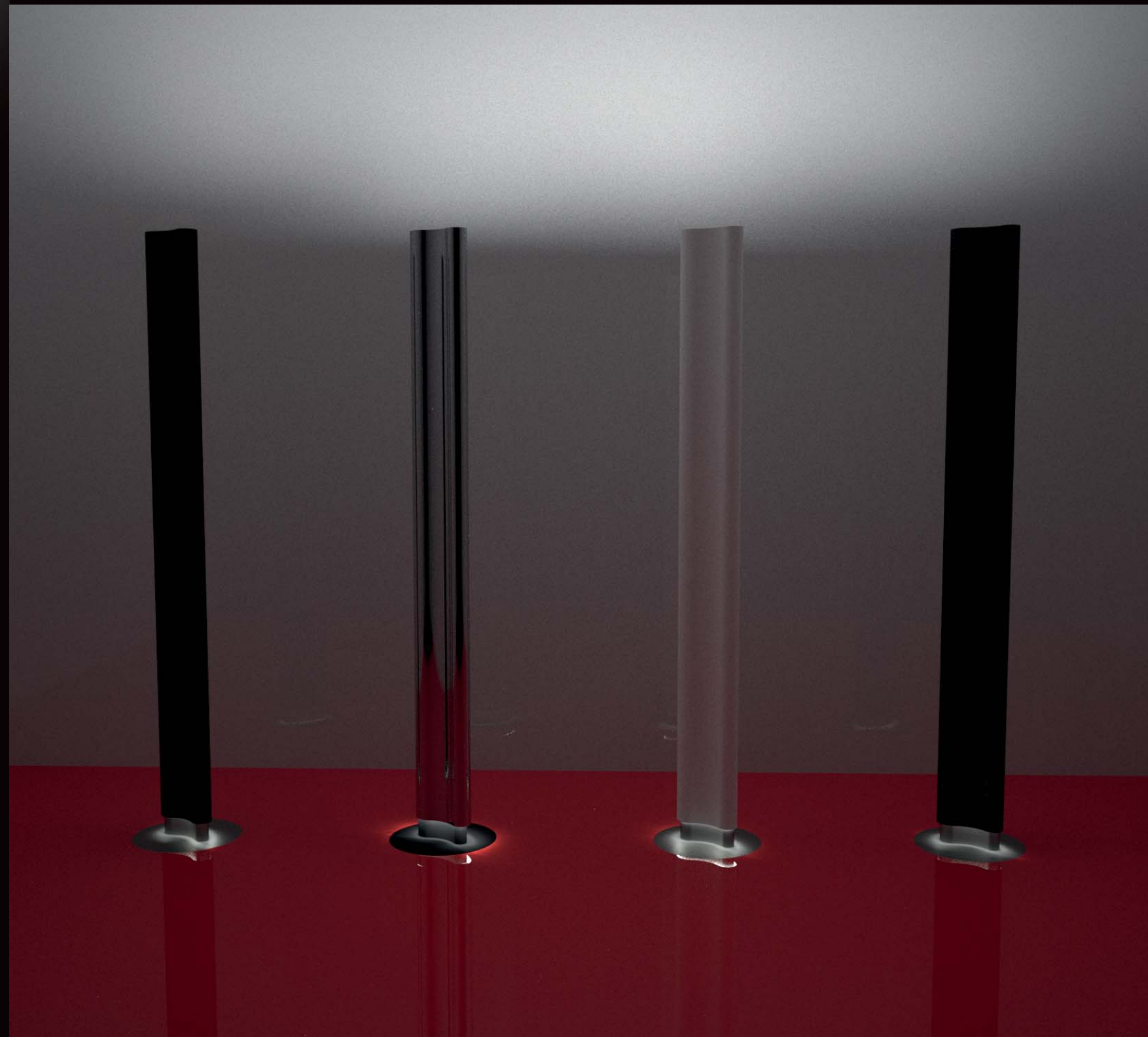


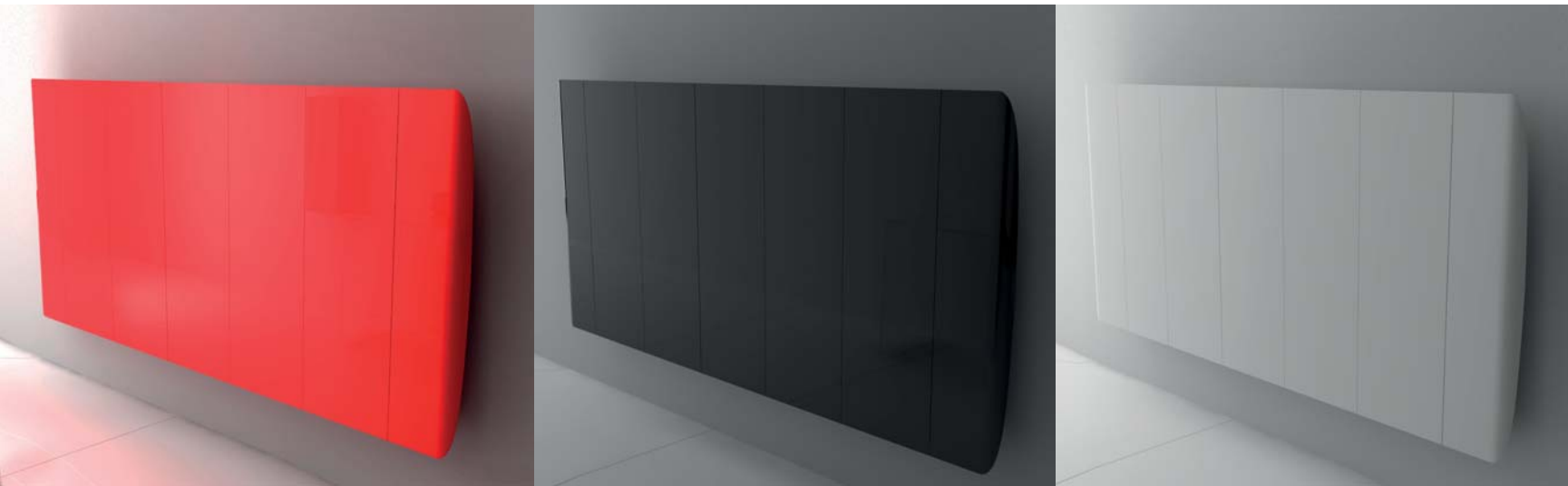
# NEEDO *Monolithe*

A TOTALLY NEW DESIGN, COMBINING HEATING,  
LIGHTING AND MOBILITY AND GIVING  
A NEW PERSPECTIVE TO YOUR INTERIOR



SOURCE OF INSPIRATION...





## NEEDO *Line T*



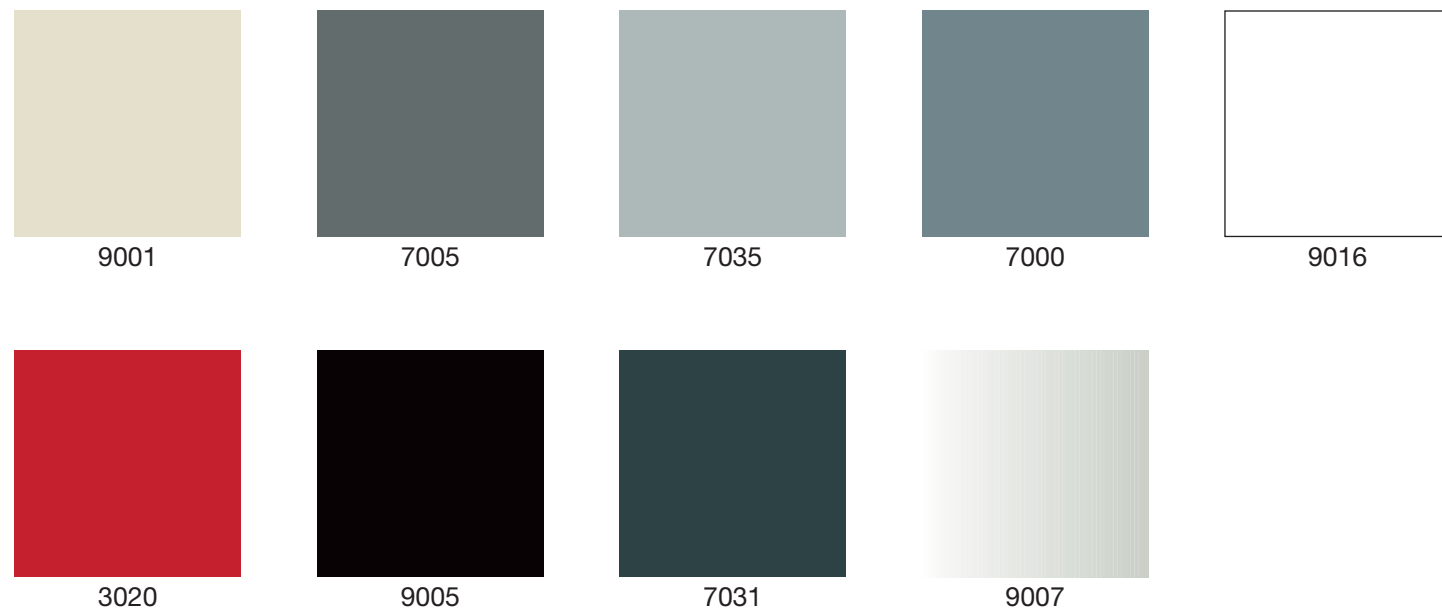
| RANGE        | HORIZONTAL |       |        |        | VERTICAL |        |        |
|--------------|------------|-------|--------|--------|----------|--------|--------|
|              | Ref.       | T750H | T1000H | T1250H | 1500H    | T1250V | T1500V |
| Power in W   | 750        | 1000  | 1250   | 1500   | 1250     | 1500   | 1800   |
| Height in mm | 650        | 650   | 650    | 650    | 1800     | 1800   | 1800   |
| Width in mm  | 647        | 863   | 971    | 1187   | 431      | 539    | 647    |
| Depth in mm  | 40         | 40    | 40     | 40     | 40       | 40     | 40     |
| Weight in kg | 12         | 15    | 18     | 21     | 19       | 24     | 29     |

## NEEDO *Line M*



| RANGE        | HORIZONTAL |       |        |        | VERTICAL |        |        |
|--------------|------------|-------|--------|--------|----------|--------|--------|
|              | Ref.       | M750H | M1000H | M1250H | M1500H   | M1250V | M1500V |
| Power in W   | 750        | 1000  | 1250   | 1500   | 1250     | 1500   | 1800   |
| Height in mm | 650        | 650   | 650    | 650    | 1800     | 1800   | 1800   |
| Width in mm  | 755        | 971   | 1187   | 1403   | 431      | 539    | 647    |
| Depth in mm  | 40         | 40    | 40     | 40     | 40       | 40     | 40     |
| Weight in kg | 12         | 16    | 21     | 25     | 19       | 26     | 30     |

## Colour chart



## NEEDO *Line R*



| RANGE        | HORIZONTAL |       |        |        | VERTICAL |        |        |
|--------------|------------|-------|--------|--------|----------|--------|--------|
|              | Ref.       | R750H | R1000H | R1250H | R1500H   | R1250V | R1500V |
| Power in W   | 750        | 1000  | 1250   | 1500   | 1250     | 1500   | 1800   |
| Height in mm | 650        | 650   | 650    | 650    | 1800     | 1800   | 1800   |
| Width in mm  | 755        | 971   | 1187   | 1403   | 431      | 539    | 647    |
| Depth in mm  | 40         | 40    | 40     | 40     | 40       | 40     | 40     |
| Weight in kg | 14         | 18    | 22     | 26     | 20       | 27     | 31     |

## NEEDO *Sèche serviettes*



| RANGE        | A    |        |        |         | B       |        |        |         |
|--------------|------|--------|--------|---------|---------|--------|--------|---------|
|              | Ref. | SS500A | SS750A | SS1000A | SS1250A | SS500B | SS750B | SS1000B |
| Power in W   | 500  | 750    | 1000   | 1250    | 500     | 750    | 1000   | 1250    |
| Height in mm | 800  | 1200   | 1600   | 1800    | 800     | 1200   | 1600   | 1800    |
| Width in mm  | 539  | 539    | 539    | 539     | 539     | 539    | 539    | 539     |
| Depth in mm  | 170  | 170    | 170    | 170     | 170     | 170    | 170    | 170     |
| Weight in kg | 7    | 10     | 13     | 15      | 7       | 10     | 13     | 15      |

## NEEDO *Monolithe*



Consult us




[www.needo.co.uk](http://www.needo.co.uk)

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