THERMAL
TECHNOLOGY
CARBON FIBER HEATING

RADIATORS

The electric
heating revolution

INNOVATION IN CARBON FIBER HEATING

Thermal Technology® radiators are designed to ensure uniform, fast, and controlled heating, thanks to the use of carbon fiber resistors integrated into a compact and lightweight structure.

The absence of hydraulic components allows for simplified and flexible installation, making them ideal for new constructions as well as renovation projects.

Their long lifespan and zero maintenance requirements represent a significant advantage for the end user and an added value during the design phase.

The technological core of these designer radiators of carbon fiber resistors, which deliver superior performance compared to traditional heating elements, ffering greater energy efficiency and lower thermal inertia. This results in immediate and consistent heating.

Not subject to thermal deformation, carbon fiber ensures long-term reliability without oxidation, does not generate harmful electromagnetic fields, and helps maintain a healthy and safe indoor environment.

THERMAL TECHNOLOGY®

Founded in 2001, Thermal Technology® was established with the goal of revolutionizing the heating industry through the use of carbon fiber as a heating element.

The experience gained in high-performance environments such as MotoGP and Formula 1 has enabled the company to transfer advanced know-how into the design of electric heating solutions for residential, commercial, and industrial environments.

Thermal Technology® designer radiators represent the perfect combination of contemporary design, energy efficiency, and environmental sustainability, meeting the needs of professionals seeking cutting-edge technologies for architectural and system integration.

ENERGY SAVINGS
Made with carbon fiber, the radiator reduces energy consumption by up to 40% thanks to faster and more uniform heat distribution. It optimizes overall performance, minimizes energy waste, and ensures consistent comfort, even in the most demanding environments.

NO GAS
The 100% electric operation ensures precise temperature control and a significant reduction in energy consumption. Heat is emitted without combustion or energy loss, resulting in a CO_2-free system that is fully ecological and free from harmful substances.

COMPACT STRUCTURE
The compact structure and minimal design allow for quick and easy installation, even in limited spaces and without hydraulic connections. The lightweight construction simplifies handling, offering an elegant, practical, and functional solution for any environment.

CARBON FIBER
Thanks to its high electrical resistivity, carbon fiber provides significant energy savings while maintaining the same heating power, ensuring efficiency and ong-lasting comfort. In addition, it does not generate harmful electromagnetic fields, helping to create a healthier indoor environment.

WIRELESS READY
The radiators are equipped for wireless connection via Zigbee technology, ensuring stable and secure communication thanks to the integrated modem.
The system allows for remote management through an app or home automation, enabling a modern and intuitive user experience.

INDEX

PEGASUS

SAGITTA

URSA

URSA PLUS

AQUARIUS

ANDROMEDA

LIBRA

VELA

GEMINI

THERMAL
TECHNOLOGY
CARBON FIBER HEATING

PEGASUS

Does not produce
harmful electromagnetic fields

Save energy

Front view

500

1600

Rear view

320

1510

85

POWER CABLE
OUTLET

Top view

Side view

60.5

CONVECTION

FAN
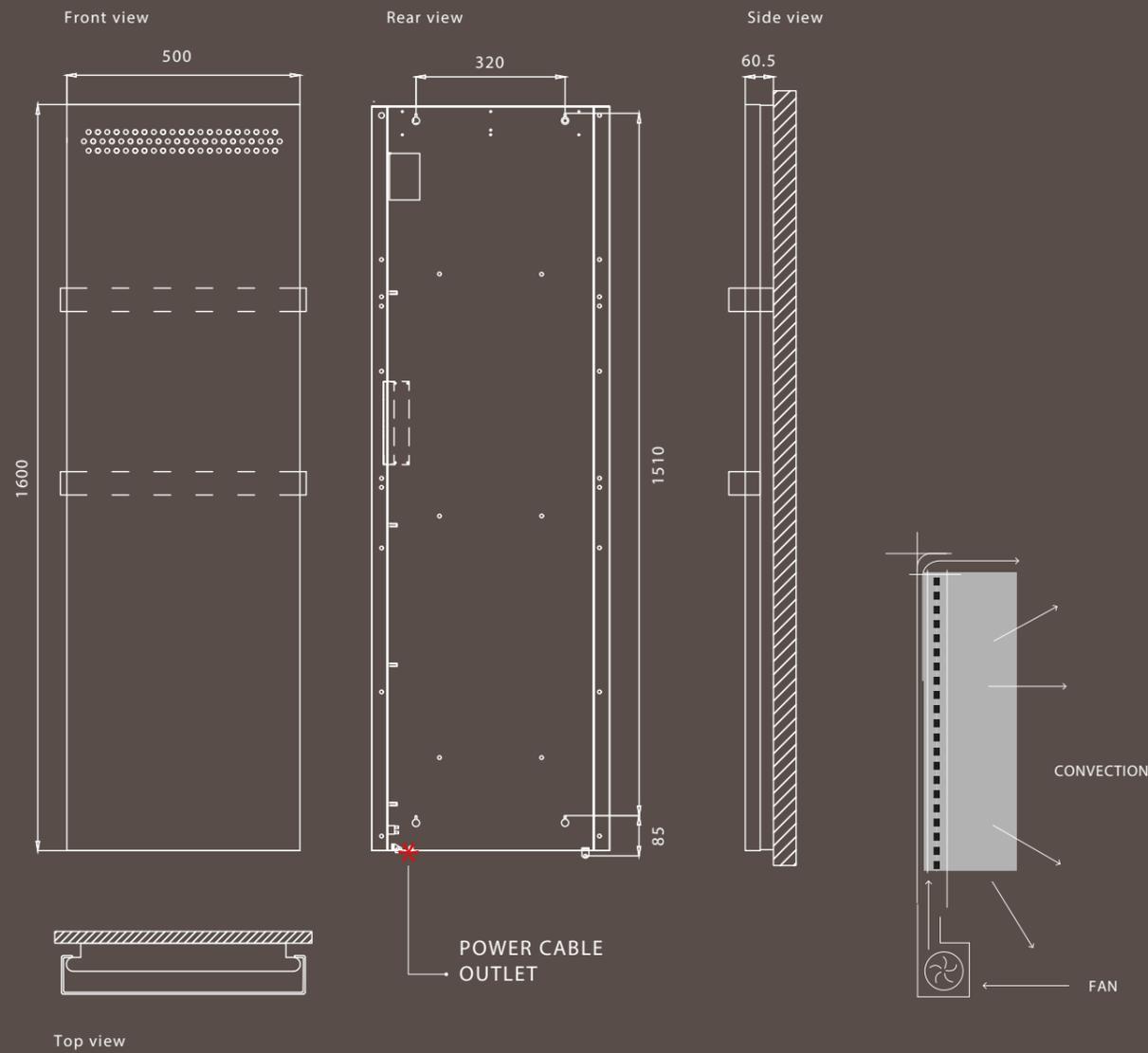
DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWEL RAIL optional	PESO (kg)
1600 x 500 x 60	1000 / 1250 W	45	52	√	√	20

ACCESSORIES

Towel rack
Pegasus
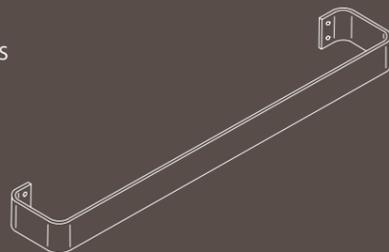
COLOR

MATTE WHITE
ROUGH
RAL 9016

MATTE BLACK
ROUGH
RAL 9005

S A G I T T A

Does not produce
harmful electromagnetic fields
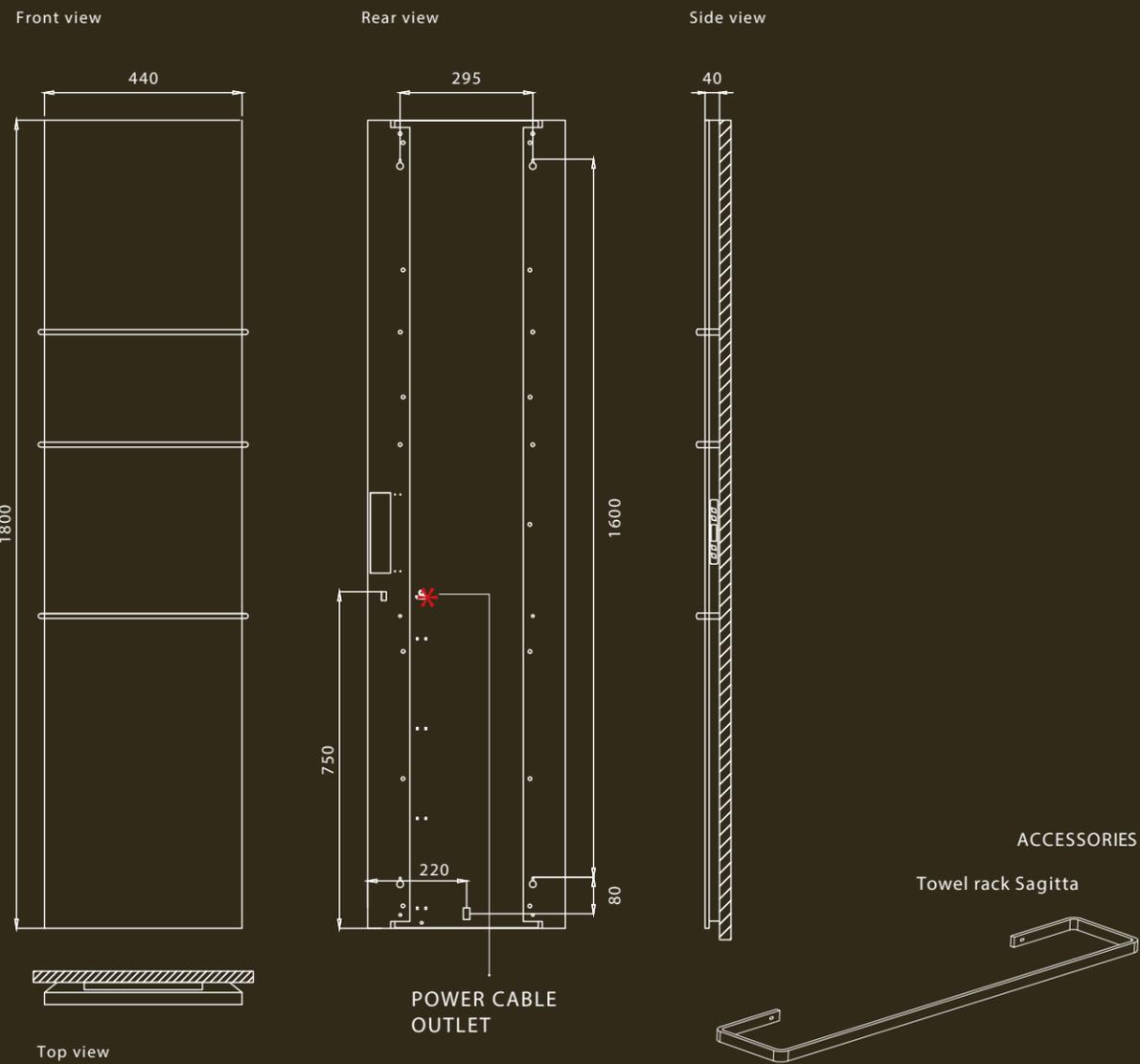
Save energy

Front view

440

1800

Top view

Rear view

295

1600

750

220

80

POWER CABLE
OUTLET

Side view

40

ACCESSORIES

Towel rack Sagitta

DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWER RACK optional	WEIGHT (kg)
1800 x 440 x 40	700 / 1000 W	40	44	√	√	15
1800 x 440 x 40	modulabile 700 / 1000 W	40	44	√	√	15

COLOR
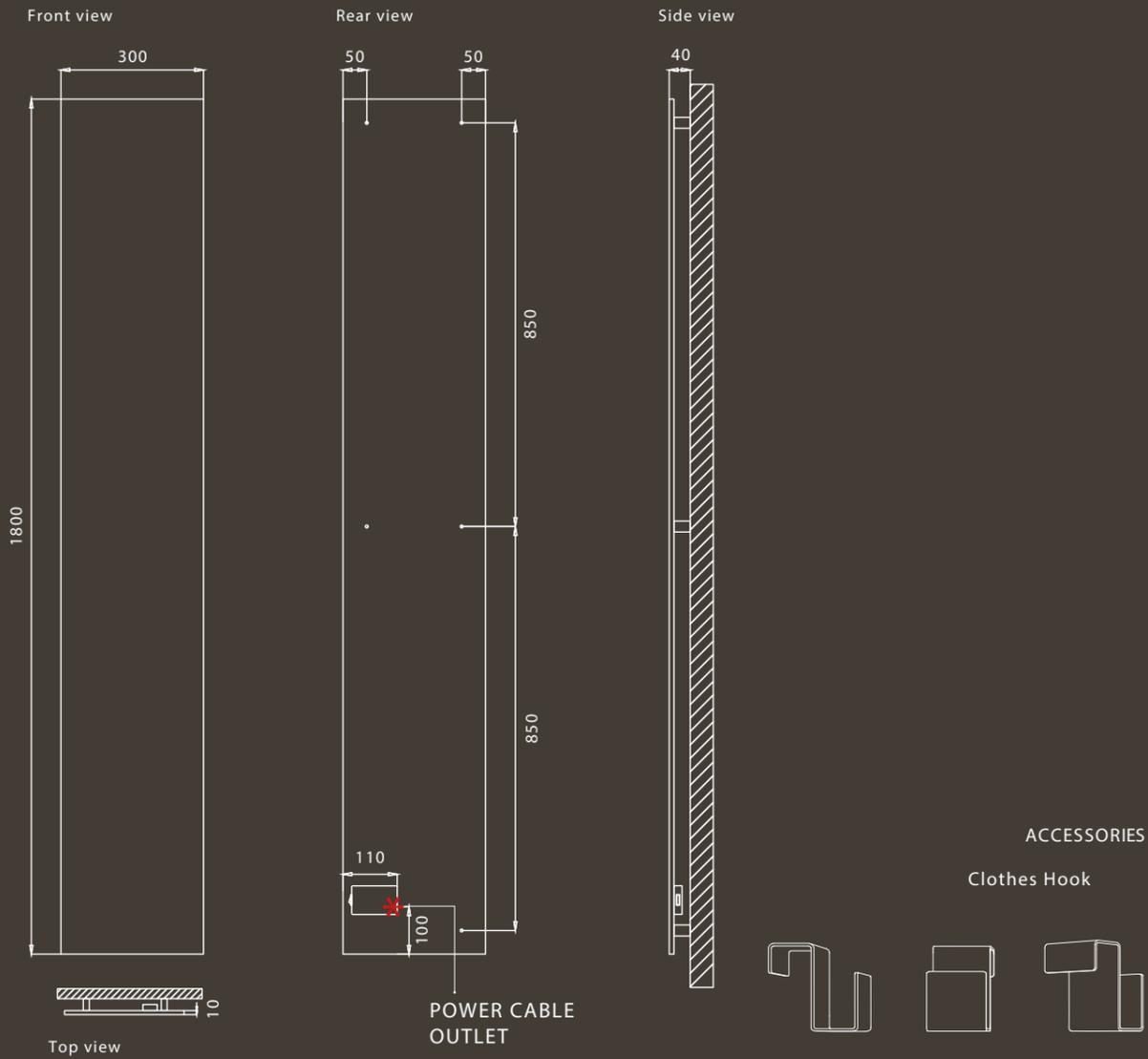
MATTE WHITE
ROUGH
RAL 9016

MATTE BLACK
ROUGH
RAL 9005

PEARL
GREY
MATTE ROUGH
RAL 7040

PAINTED
MATTE NICKEL
ROUGH
RAL 7002

MATT TORTORA
MATTE ROUGH
RAL 7006

URSA

Does not produce
harmful electromagnetic fields

Save energy

Front view

300

1800

Top view

10

Rear view

50   50

850

850

110

100

POWER CABLE
OUTLET

Side view

40

ACCESSORIES

Clothes Hook

DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWEL RAIL optional	WEIGHT (kg)
1800 x 300 x 40	600 W	20	24	√		9

COLORI

MATTE WHITE
ROUGH
RAL 9016

MATTE BLACK
ROUGH
RAL 9005

PEARL
GREY
MATTE ROUGH
RAL 7040

PAINTED
MATTE NICKEL
ROUGH
RAL 7002

MATTE TAUPE
MATTE ROUGH
RAL 7006

URSA PLUS

Does not produce harmful electromagnetic fields

Save energy

Front view
300
1800

Rear view
50 50
850
850
110
100

POWER CABLE OUTLET

Side view
40

Top view
10
80

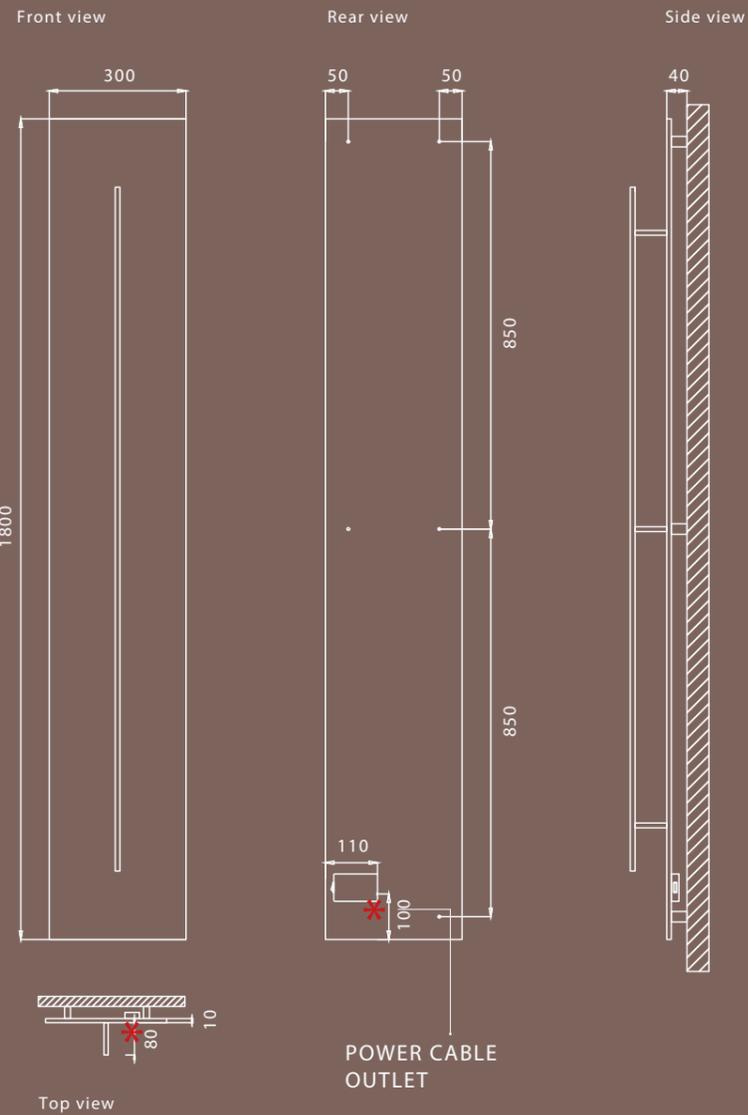| DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWEL RAIL optional	WEIGHT (kg)
1800 x 300 x 40	600 W	20	24	√	di serie	10

COLOR

MATTE WHITE ROUGH RAL 9016

MATTE BLACK ROUGH RAL 9005

PEARL GREY MATTE ROUGH RAL 7040

PAINTED MATTE NICKEL ROUGH RAL 7002

MATTE TAUPE MATTE ROUGH RAL 7006

AQUARIUS

Does not produce harmful electromagnetic fields
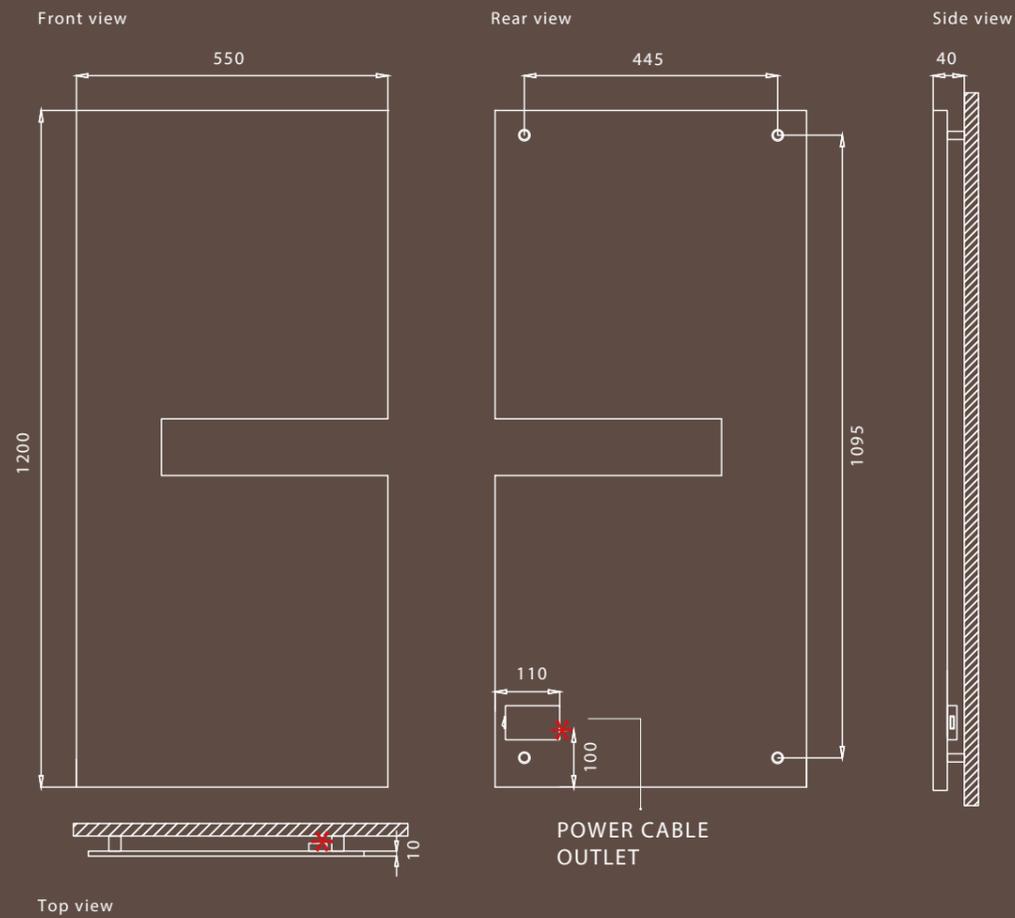
Save energy

Front view

550

1200

Rear view

445

1095

110

100

POWER CABLE OUTLET

Side view

40

Top view

10

ACCESSORIES

Clothes hook

DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWER RACK optional	WEIGHT (kg)
1200 x 550 x 40	500 W	18	21	√		10

COLOR

MATTE WHITE ROUGH RAL 9016

MATTE BLACK ROUGH RAL 9005

PEARL GREY MATTE ROUGH RAL 7040

PAINTED MATTE NICKEL ROUGH RAL 7002

MATTE TAUPE MATTE ROUGH RAL 7006

ANDROMEDA

Does not produce
harmful electromagnetic fields
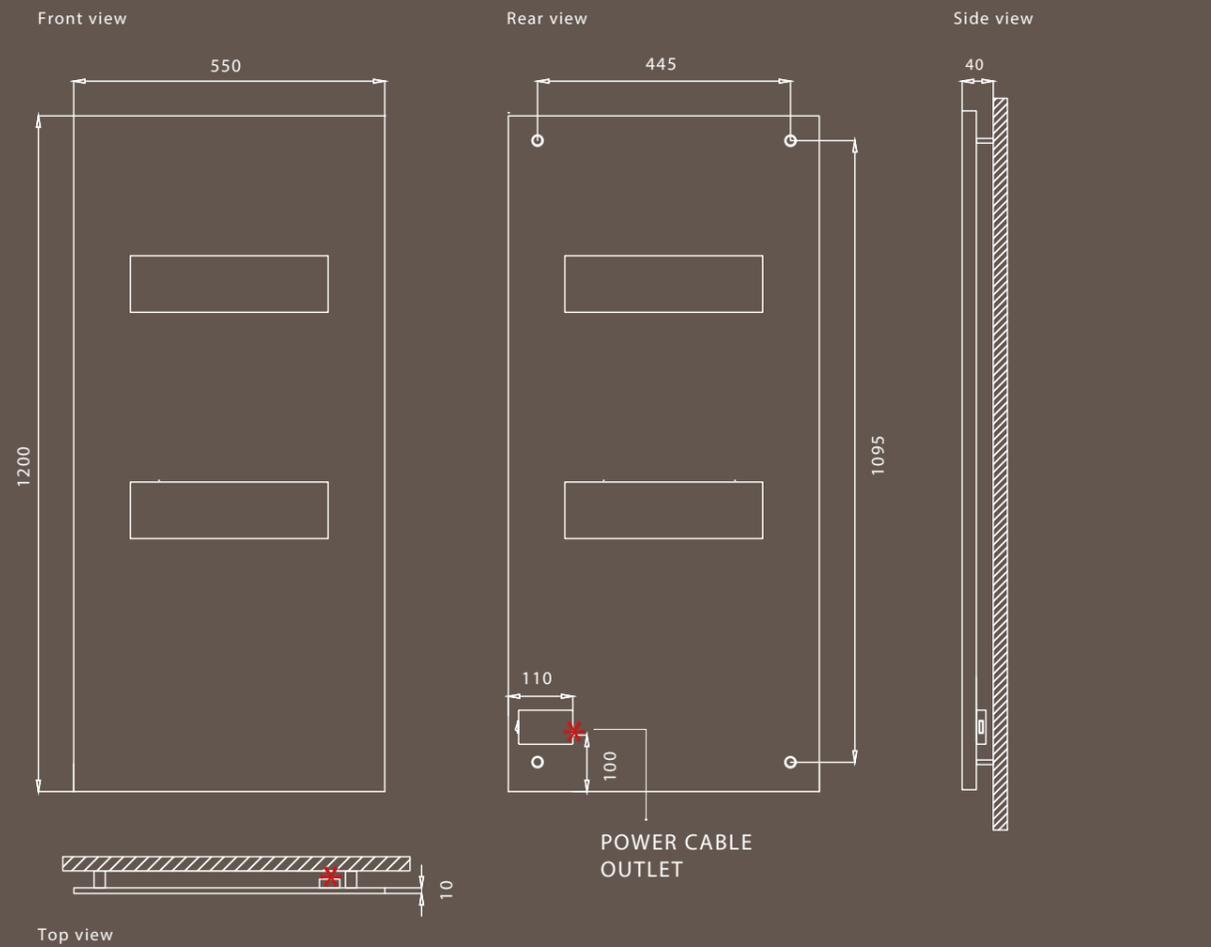
Save energy

Front view

550

1200

Rear view

445

1095

110

100

POWER CABLE
OUTLET

Side view

40

10

Top view

ACCESSORIES

Clothes hook

DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWEL RACK optional	WEIGHT (kg)
1200 x 550 x 40	500 W	18	21	√		10

COLOR

MATTE WHITE
ROUGH
RAL 9016

MATTE BLACK
ROUGH
RAL 9005

PEARL
GREY
MATTE ROUGH
RAL 7040

PAINTED
MATTE NICKEL
ROUGH
RAL 7002

MATTE TAUPE
MATTE ROUGH
RAL 7006

LIBRA

Front view

550

600

Rear view

445

495

110

100

Side view

40

Top view

10

550

1200

445

1095

110

100

POWER CABLE OUTLET

Save energy

Does not produce harmful electromagnetic fields

ACCESSORIES
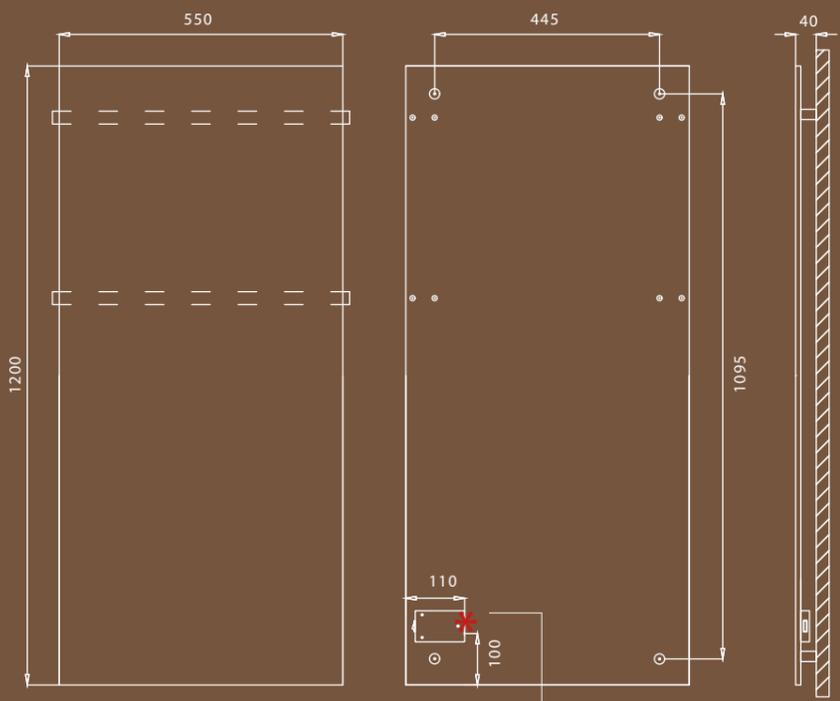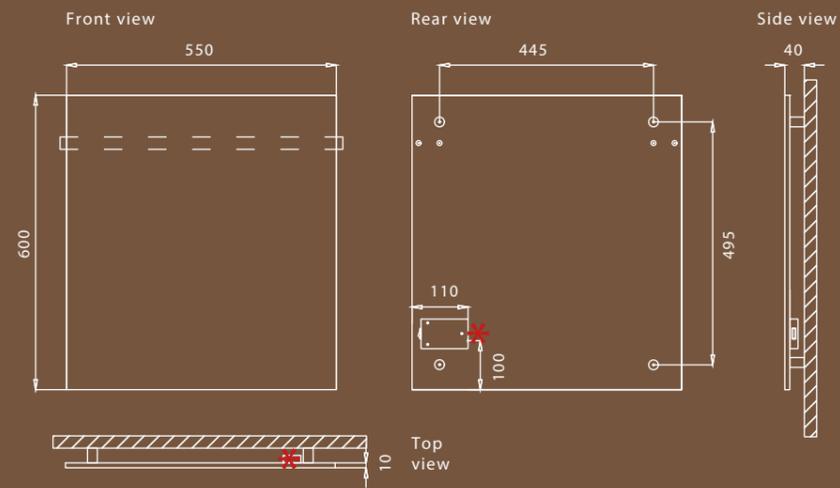
Clothes hook

Tower rack Libra
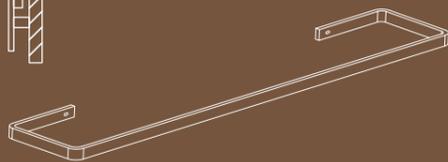
DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWER RACK optional	WEIGHT (kg)
1200 x 550 x 40	500 W	18	21	√	√	11
600 x 550 x 40	250 W	9	11	√	√	7.5
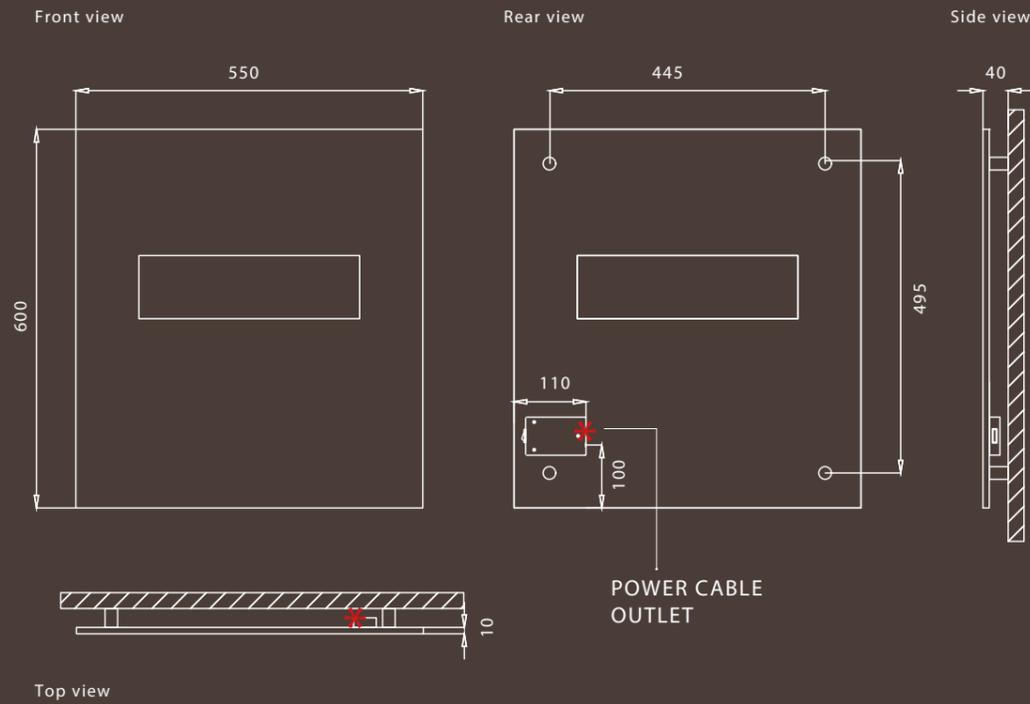
COLOR

MATTE WHITE ROUGH RAL 9016

MATTE BLACK ROUGH RAL 9005

PEARL GREY MATTE ROUGH RAL 7040

PAINTED MATTE NICKEL RUVIDO RAL 7002

MATTE TAUPE MATTE ROUGH RAL 7006

V E L A

**Does not produce
harmful electromagnetic fields**

Save energy

Front view

550

600

Rear view

445

495

110

100

POWER CABLE
OUTLET

Side view

40

Top view

10

ACCESSORIES

Clothes hook

DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWEL RACK optional	WEIGHT (kg)
600 x 550 x 40	250 W	9	11	√		7.5

COLOR

MATTE WHITE
ROUGH
RAL 9016

MATTE BLACK
ROUGH
RAL 9005

PEARL
GREY
MATTE ROUGH
RAL 7040

PAINTED
MATTE NICKEL
ROUGH
RAL 7002

MATTE TAUPE
MATTE ROUGH
RAL 7006

GEMINI

Does not produce
harmful electromagnetic fields

Save energy

Front view

1350

600

Rear view

1300

672.5

500

70

Side view

vista superiore

Front view

900

600

Rear view

850

450

500

70

Side view

Top view

Front view

500

1600

Rear view

450

1515

60

Side view

Top view

POWER CABLE
OUTLET
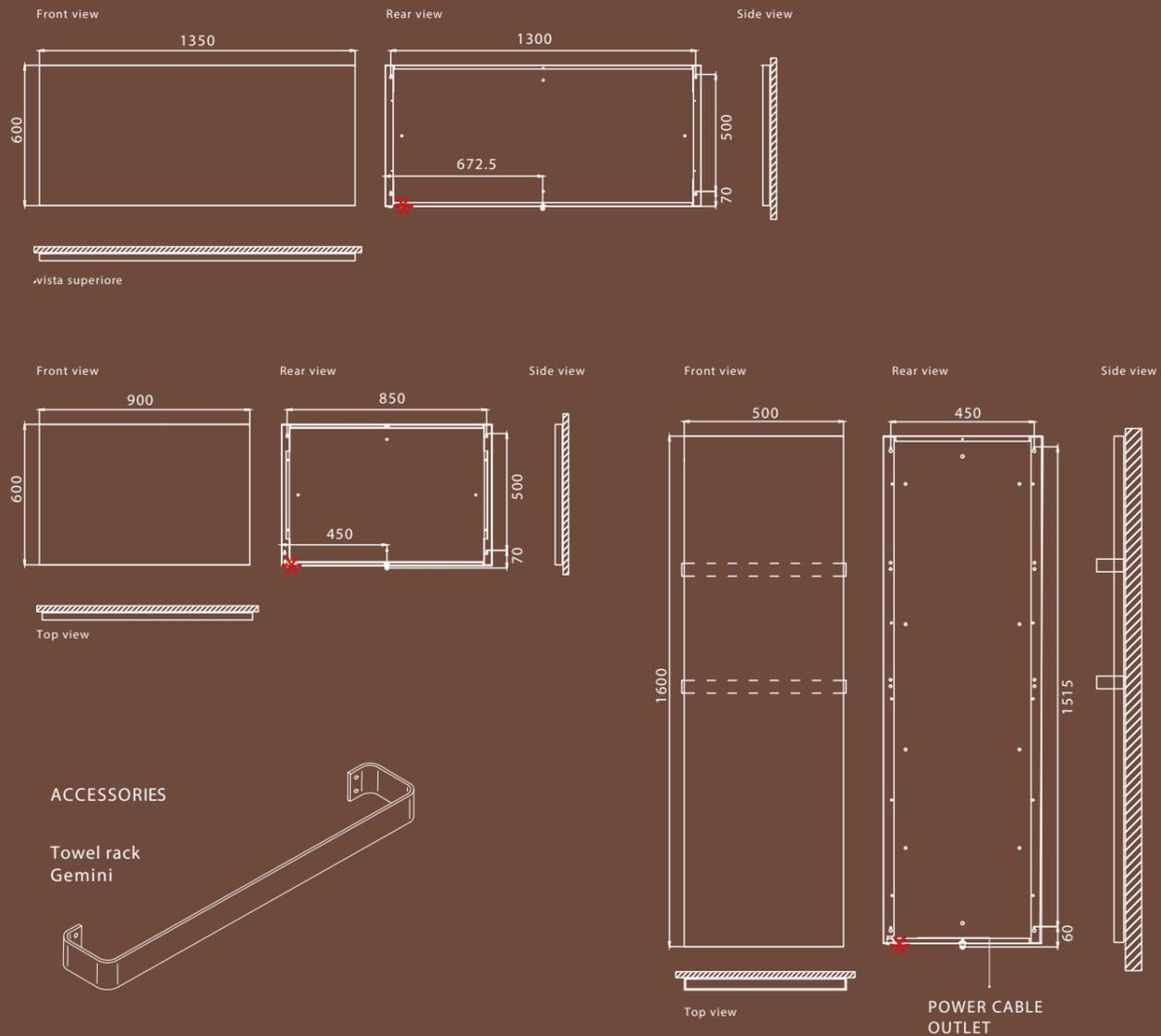
ACCESSORIES

Towel rack
Gemini

DIMENSIONS (mm)	POWER	m³ CLASS C	m³ CLASS A	SMART HOME COMPATIBLE	TOWEL RACK optional	WEIGHT (kg)
1600 x 500 x 25	600 W	20	24	√	√	11
600 X 1350 x 25	600 W	20	24	√		11
600 x 900 x 25	400 W	14	17	√		8

COLOR

MATTE WHITE
ROUGH
RAL 9016

MATTE BLACK
ROUGH
RAL 9005

PEARL
GREY
MATTE ROUGH
RAL 7040

VERNICIATO
MATTE NICKEL
ROUGH
RAL 7002

MATT TORTORA
MATTE ROUGH
RAL 7006

THERMAL TECHNOLOGY
CARBON FIBER HEATING

4 noks

THE RADIATOR BECOMES SMART TODAY

THE EVOLUTION OF THE DESIGN RADIATOR: IDEAL COMFORT, MAXIMUM EFFICIENCY, AND REMOTE CONTROL

ENERGY EFFICIENCY THAT MAKES A DIFFERENCE

The true strength of the integration between Thermal Technology and 4-Noks lies in its ability to significantly optimize energy consumption. The system constantly monitors and adjusts heat output, preventing unnecessary losses and adapting in real time to the actual needs of each space.

This approach allows:
• a significant reduction in energy consumption
• lower environmental impact
• tangible savings on operating costs
• optimal Hospitality management
• reduced installation costs

Living Room

Bathroom

Bedroom

Kitchen

CONNECTED HEAT

The Thermal Technology and 4-Noks ecosystem is esigned to transform heating into an intelligent, efficient experience, perfectly integrated into your spaces. Integration with Thermal Technology radiators goes beyond the traditional concept of a radiator, turning it into a truly smart designer radiator.

Thanks to integration with the WhiteBox and the Rialto line thermostat, the radiator communicates with the 4-Noks home ecosystem and becomes fully remotely controllable. Temperature can be adjusted and scheduled directly from a smartphone or via voice command, providing immediate comfort and optimized energy consumption throughout the home.

THERMAL TECHNOLOGY
CARBON FIBER HEATING

A SYSTEM THAT GROWS OVER TIME

The integration of Thermal Technology radiators represents the first step toward a fully smart home, office, or hospitality facility. Once the radiator with 4-Noks technology is installed, the entire 4-Noks home automation system can be progressively extended to all spaces.
Shutters, lights, blinds, outlets, and any electrical devices can be integrated into a single connected ecosystem, managed in a centralized and intuitive way.

Each function communicates with the others, creating automated scenarios that enhance comfort, efficiency, and space control.
The 4-Noks ecosystem is also designed to operate in self-consumption mode, integrating with photovoltaic systems. The energy produced is used intelligently to power devices, optimize loads, and further reduce energy costs.

GUIDE TO CHOOSING
THE PERFECT RADIATOR

Thermal Technology radiators and towel warmers provide uniform and efficient heating, reducing energy consumption by up to 40% compared to traditional systems. The ultra-slim design ensures discreet installation, while Thermal Technology technology distributes heat through radiant heating, delivering natural and comfortable warmth.

These devices are eco-friendly, with zero CO_2 emissions and no maintenance required.

Recommended sizing,
based on the climate zone:

Warm zones : 250 W for rooms up to 12 m².

Temperate zones : 500 W for surfaces up to 19 m².

Cold zones : 1000 W for spaces up to 40 m².

Very cold zones   : 1200 W for rooms up to 45 m².

- Zone F – Very Cold
- Zone E – Cold
- Zone D – Temperate
- Zone C – Mild
- Zone B – Warm

Modell	Power (W)	Zone B – Warm (mc)	Zone C – Mild (mc)	Zone D – Temperate (mc)	Zone E – Cold (mc)	Zone F – Very Cold (mc)
Pegasus 1600 x 500	1000/1250	61	57	50	45	36
Sagitta 1800 x 440	700/1000	54	50	44	40	32
Ursa 1800 x 300	600	27	25	22	20	16
Ursa Plus 1800 x 300	600	27	25	22	20	16
Aquarius 1200 x 550	500	25	23	20	18	15
Andromeda 1200 x 550	500	25	23	20	18	15
Libra 1200 x 550	500	25	23	20	18	15
Libra 600 x 550	250	13	12	10	9	8
Vela 600 x 550	250	13	12	10	9	8
Gemini 1600 x 500	600	27	25	22	20	16
Gemini 600 x 1350	600	27	25	22	20	16
Gemini 600 x 900	400	19	18	16	14	12

Certifications

What makes it a safe and certified choice is Thermal Technology's commitment to ensuring compliance with European and Italian regulations. The radiators have undergone rigorous laboratory testing and have obtained electrical safety and energy performance certifications, confirming their effectiveness and compatibility with domestic and professional installation standards.

THERMAL TECHNOLOGY ®

CARBON FIBER HEATING