

IRSAP heat

TESI

The tubular
radiator



IRSAP



IRSAP

IMAGINE A RADIATOR. HERE IT IS.

**The shapes of TESI are
recognisable among all
of them. This is timeless
design.**

We remember what an icon looks like forever. TESI is the radiator par excellence, with its rounded form, lines that furnish and provide exceptional thermal performance at the same time.

We were the first to introduce tubular radiators in Italy. It was 1967 and TESI immediately became the shape of home heating. The ideal product for enjoying your own home more.

After that, we worked on new details, added colour, perfected both the smooth and textured finishes and made heating systems smart. A new concept of radiators was created, as an element that doesn't just heat, but adds personality to the home.

TESI furnishes with added warmth.

A LIGHT BULB MOMENT.

**Mechanical precision
from a brilliant idea.**

TESI is a perfectly curved, design radiator. To create a flaw-free surface, the head of each element is laser-welded, meticulous work that avoids the formation of particles that are harmful for the entire heating system.

Once assembled, the radiator is painted using epoxy powders: TESI is placed in a kiln at 180° where the paint melts, then polymerises. The result is an impeccable design radiator for years to come.

TESI is the embodiment of Made in Italy reliability. It is 100% made and assembled in Italy, using a supply chain that guarantees high-quality components and high product standards. Each item is tested at a pressure higher than its working pressure, to ensure durability and reliability.

As we are mindful of environmental topics, we have also installed a 2 megawatt photovoltaic system in our production sites. One of our concrete actions taken to support ethical sustainability.



TESI has a 10-year warranty on paint and hydraulic tightness



Tesi is perfect anywhere, even where you can't see it. We make it by using high-level components, because reliability is everything.

O-ring hydraulic seal
This allows the hydraulic connection to be personalised wherever inlet, outlet or venting valves are missing.

O-ring
TPU seal guaranteeing hydraulic tightness at high pressures. It is tested at a pressure 1.3 times higher than its working pressure



Cap with logo
Protects the radiator's closing mechanism



Closing cap with reduction
Can be configured according to the hydraulic connection characteristics



Anchoring ring nut
Welded onto the first and last element, ensuring the correct position of the closing cap





Flow baffle

Installed during the radiator manufacture, this controls the water flow inside the circuit, ensuring an even temperature throughout the radiator.

Element

Each part is made in steel, designed to guarantee maximum efficiency and durability, and is assembled mechanically with individual finishing

Assembly with 54 welding points

The joining of all the elements is fully automated. The modules are welded with a 300 Ampere resistance, guaranteeing maximum hydraulic tightness over time

Painting

Each radiator is painted using epoxy powders at our site, one of the largest in Europe.

MODULE, AFTER MODULE, AFTER MODULE.

In 5 depths, 27 heights and unlimited lengths, there are over 200,000 installation solutions.

From 20 to 250 centimetres, from 2 to 6 columns, TESI can be adapted to any wall. With different sizes and performances, the modules provide a singular freedom in composition, also fitting into less practical spaces and types of architecture, inside nooks or in front of large windows.

The radiator's modularity achieves high thermal power, to satisfy every need. With its tubular steel structure, TESI is designed to work at low temperatures, saving on consumption and safeguarding the environment.

TESI 6

TESI 5



TESI 2

TESI 3

TESI 4



CHANGE YOUR PLANS. NOW.

You can control the temperature in every room with one simple movement. From wherever you are.

IRSAP NOW transforms TESI into a state-of-the-art radiator that can be fully customised.

The system can be programmed remotely, setting different temperatures at any time and for any room.

Thanks to its smart planning, IRSAP NOW creates personalised comfort settings suited to any routine. You can plan your home climate to fit your daily, weekly and hourly habits. You can update your programme with a new temperature at any time.

Remote control respects the environment and improves quality of living. IRSAP NOW's artificial intelligence learns from your habits, and teaches you to consume less and manage your comfort. The Green Leaf saving light guides you in optimising the system, saving over 40% compared to a traditional system.

IRSAP NOW can be integrated with Smart Homes. It is a latest-generation system, with technology that can make use of modern home assistants, such as Alexa or Google Assistant, to manage your climate in even greater comfort.



Smart Valve
Controls the radiators in every room



Connection Unit
Connects the system to the domestic network



Smart Thermostat
Turns the boiler on/off, air temperature and quality



Starter (optional)
Manages the generator (heat pump, modular boilers and modbus)



IRSAP



REINVENTS YOUR HOME

**Maximum flexibility.
Customised renovations.**

TESI offers extraordinary installation flexibility. Thanks to the spacing that can be customised and the large range of attachments, the radiator can be connected to all plumbing attachments, even the more uncommon ones. Making use of the installations already in the walls, installing TESI means you can avoid expensive masonry work, making it the ideal choice for renovation and recovery work.

If the project requires a new installation, TESI is available with a 50 mm attachment, the solution that means that in the future, radiators can be replaced without any

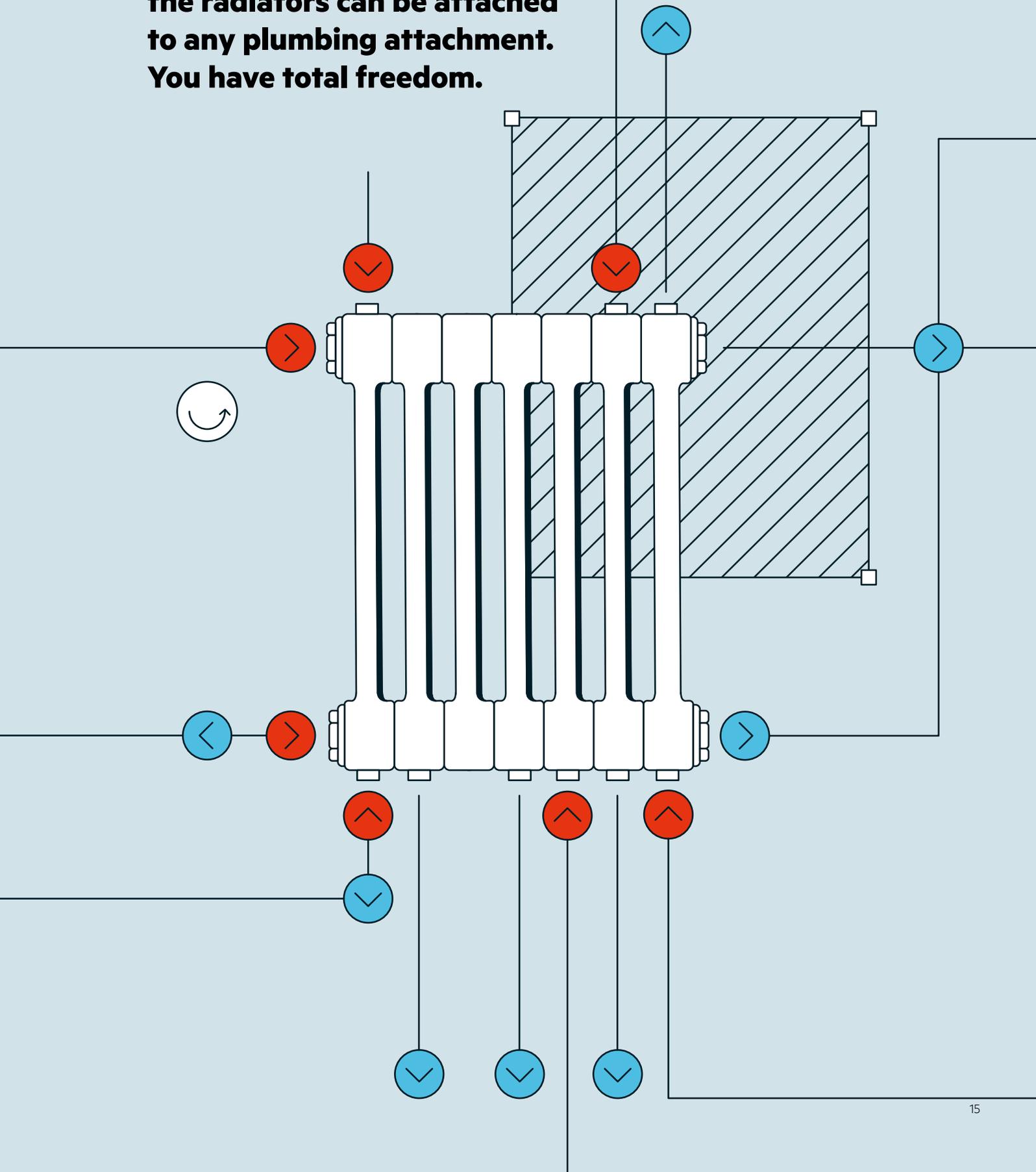
masonry work. We promote a smart approach to heating, that offers greater flexibility for the interior designer and the house owner.

TESI is ideal for sustainable construction. By also working at low temperatures, it reduces the emission of greenhouse gases, has a minimal environmental impact and guarantees considerable energy savings. Even in smaller sizes, TESI has excellent thermal performance and can be connected to both classic generators and modern heat pumps, working at different ΔT .



TESI 3
14 elements, height 1865 mm, width 654 mm. Matt Beige Finish (Code 3V)
Standard side connection configuration (Code 02)

**TESI's modular system means
the radiators can be attached
to any plumbing attachment.
You have total freedom.**





← ↓

The integrated valve means the radiator temperature can be increased or decreased without working on water supply taps, that are sometimes in difficult places to access. When combined with a thermostatic head, it is perfect for regulating the temperature in each room.

→

The single-pipe valve is the ideal solution to attaching this type of installation, maintaining high performance.

TESI 6

25 elements, height 500 mm, width 1149 mm. Standard White Finish (Code 01)
Side attachment configuration with 50 mm spacing and integrated valve (Code 25)



TESI 4

30 elements, height 565 mm, width 1374 mm. Flame Red Finish (Code 7D)

Attachment configuration for single-pipe valve (Code 22)



TESI 3

12 elements, height 2000 mm, width 564 mm. Manhattan Grey Finish (Code 03)

Central attachment configuration width 50 mm (Code 50)





TESI 3 RENOVATION

12 elements, height 1800 mm, width 564 mm. Tobacco Brown Finish (Code 1B)
Side attachment configuration with spacing measurement to order (Code 29)



TESI Renovation, allows you to customise the spacing of the radiator. The shape of the radiator is not bound by the position of the existing plumbing attachments.



TESI is available with a central plumbing attachment with a fixed width of 50 mm. It is a modern type of installation, allowing you to change the radiators in the future, choosing from various shapes and sizes, but without any masonry work.

PART OF THE FAMILY.

A single collection, for the entire house.

Every home needs warmth. TESI creates and maintains the ideal climate, in every room. Modular, flexible and powerful, it has a timeless appearance and fits into any space and style of furnishing, whether classic or modern.

TESI can be used in any room: from the kitchen to the bathroom, the bedroom to the lounge, its modular elements fit in anywhere, perfectly.

A single range heats the whole home, creating a homogeneous “language” throughout, from one room to the next. Heating becomes form and furnishing, coordinating stylishly with the interiors.





TESI 5

14 elements, height 1800 mm, width 654 mm. Rust Brown Finish Ral 8004 (Code E1)
Attachment configuration for single-pipe valve (Code 24)



TESI leaves rooms for creativity, with customisable modules and a colour palette to satisfy all tastes. To add a touch of style to every room in the house.



The TESI natural Loft finish.
A clear varnish is applied to the radiator, which shows off the working of the surface, making each product one of a kind and unique.

TESI 2

17 elements, height 2000 mm, width 789 mm. Loft Finish (Code TR) Standard attachment configuration with flow baffle (Code 08)



TESI 3

12 elements, height 1965 mm, width 564 mm. Ice Finish (Code 3P)

Standard side connection configuration (Code 02)

Round Hang Up Towel Rack 25 Small (optional)





Completed with a range of accessories including various towel racks, TESI can be a practical solution for the kitchen too.



TESI is also available curved to adapt to the shape of the room. The radiator can be customised and made to measure. It follows the line of the wall and can be installed with built-in feet in situations where it cannot be fixed to the wall.

Curved TESI 4

40 elements, height 565 mm, width 1824 mm. Pearl White Finish (Code 16)
Standard side connection (Code 02)





TESI 3 EH ELECTRIC

Height 602 mm, width 968 mm. Standard White Finish (Code 01)



The electrical version of TESI can be installed easily, without any need for masonry work.

The electronic controls allow you to programme the radiator daily and weekly, so you have the freedom to manage the climate in your home.



TESI is perfect in the bathroom, matching the chrome surfaces and shiny reflections.



TESI 2

12 elements, height 1800 mm, width 564 mm. Chrome Finish (Code 50) Standard attachment configuration with flow baffle (Code 08)
Round Hang Up Towel Rack 25 Small
Round Hang Up Hook 55 (both optionals)



TESI 6

40 element, height 400 mm, length 1824 mm with welded support feet. Agave Finish (Code 9N) Central attachment width 50 mm (Code 18)



The built-in feet on TESI support the radiator, fixing it to the floor. It can cover large surfaces and install it in front of large windows, in any type of architecture.



TESI Clean has a special structure where the elements are spaced 65 mm from each other, making it easier to clean the radiator. At home, it is especially recommended for rooms such as bedrooms, where dust mites and allergens collect.

TESI 2 CLEAN

12 elements, height 1800 mm, width 784 mm. Standard White Finish Code 01)
Standard side connection configuration (Code 02)



→ ↓

By adding a flat bench, that can be purchased separately, TESI BENCH can be used all year round. Both horizontal and vertical, it is supplied with the supports required to attach a wooden, steel or any other heat-resistant material bench.



TESI 5 BENCH HORIZONTAL

Height 525 mm, width 1500 mm. Ivory Finish (Code 02)
Standard side connection configuration (Code 02)

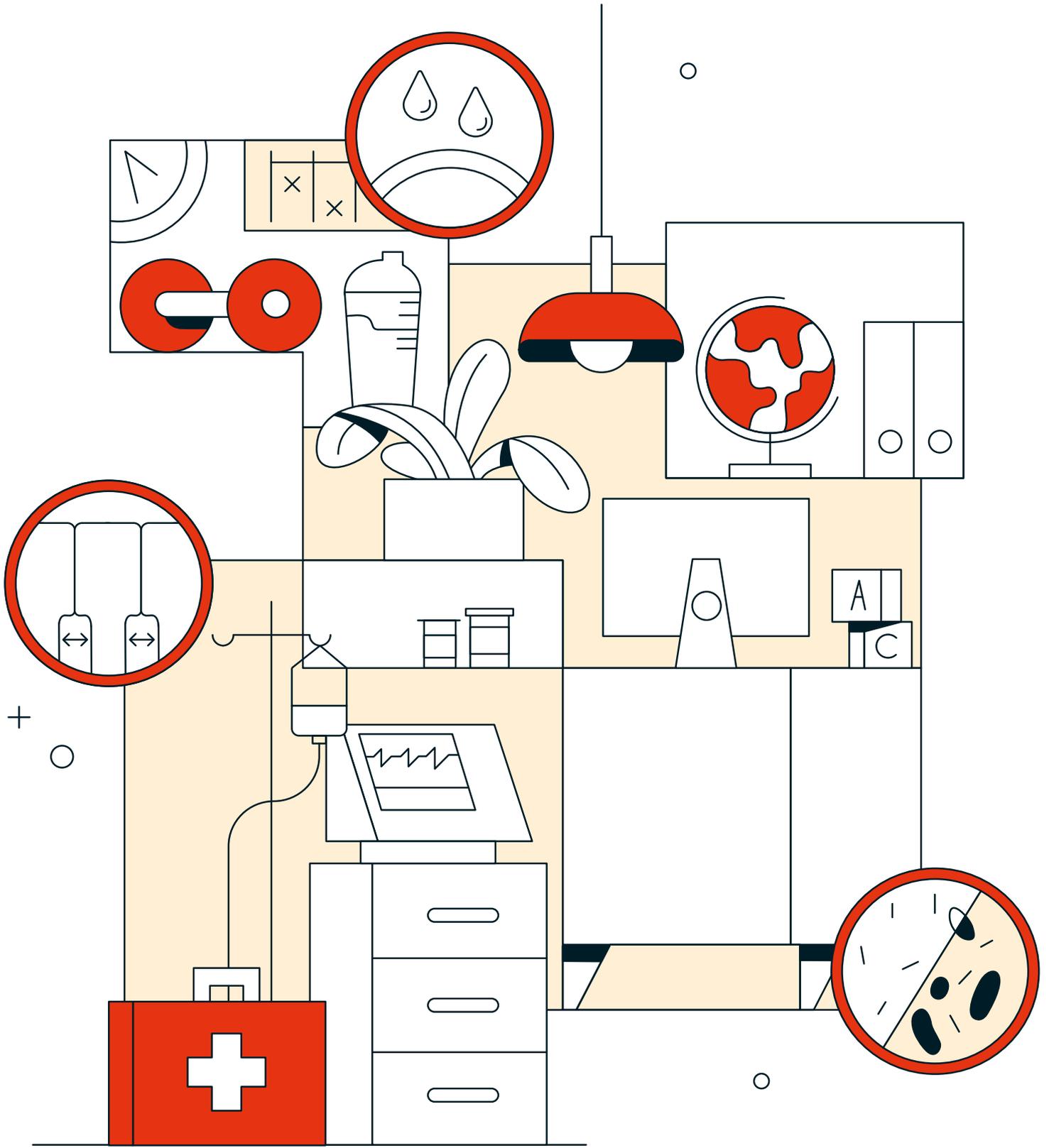


TESI 4 BENCH VERTICAL

Height 496 mm, width 1014 mm. Matt White Finish (Code J8)

Lower standard attachment configuration with flow baffle (Code 08)





READY TO LEAVE HOME.

With such safe shapes, you can also install it in public buildings.

TESI is perfect for all those public spaces that need greater safety. It has a rounded form, with no sharp corners and in the Clean version, the distance between the tubular elements increases from 45 to 65 mm, making it easier to clean more thoroughly. It is therefore the best choice for schools and healthcare facilities.

Also, TESI can be protected by applying antibacterial paint that reduces the possibility of bacteria proliferation by 95%.

The paint coating is available in Standard White, and resists all daily maintenance operations.

For an even more resistant radiator, TESI can be galvanised. This treatment means the radiator qualities remain unaltered over time and become usable in extremely aggressive and damp environments, like swimming pools, changing rooms and Spas.

YESTERDAY'S RADIATOR. AFTER STRETCHING.

**Style exercises,
to amaze everyone.**

TESI Runner, Memory and Join transform the home into a surprising environment. TESI's classic lines are reinterpreted and become movement, maintaining the technological perfection and attention to detail that have always distinguished them.

Curves become the characteristic feature of TESI Runner, while the unexpected weaving of the pipes makes TESI Memory a unique design piece. The shapes in TESI Join are dynamic and streamlined, incredibly sophisticated. Three proposals that leave their mark.

TESI RUNNER

12 elements, height 1802 mm, width 571 mm. Ivory Finish (Code 02)

Standard side connection configuration (Code 02)





TESI JOIN

10 elements, height 2002 mm, width 474 mm. Sunstone Finish (Code 2D)
Central attachment configuration width 50 mm (Code 50)



TESI MEMORY

10 elements, height 1802 mm, width 654 mm. Tobacco Brown Finish (Code 1B)
Standard side connection configuration (Code 02)

FAR MORE THAN WHITE.

**With 48 standard colours
or one of your choice, it
is all a question of style.**

From warm hues to more neutral tones, TESI furnishes your rooms in a totally personal way. The radiator is available in forty-eight colours and two finishes, to satisfy all tastes. And on request it can be painted with the RAL you prefer.

A tone-on-tone look embellishes everything around it, while brighter colours transmit positivity and energy throughout the room.

Natural tones lend balance, in harmony with your home.

TESI is pleasant to touch. Its surface can be shiny or brushed, and is also added to with a smooth or textured finish. A design radiator for every personality.



IRSAP



Standard White **G**
STANDARD

Cod. 01



Edelweiss White **G**
CLASSIC

Cod. 34



Matt White **M**
SPECIAL

Cod. J8



Pearl White **R**
SPECIAL

Cod. 16



Ivory - Ral 1013 **G**
CLASSIC

Cod. 02



Quartz 1 **R**
SPECIAL

Cod. 1C



Sablé **R**
SPECIAL

Cod. Y4



Matt Beige - Ral 1019 **M**
SPECIAL

Cod. 3V



Quartz 2 **R**
SPECIAL

Cod. 2C



Sunstone **R**
SPECIAL

Cod. 2D



Tobacco Brown **R**
SPECIAL

Cod. 1B



Beige Cream **G**
CLASSIC

Cod. 26



Melon Yellow - Ral 1028 **G**
CLASSIC

Cod. E7



Orange - Ral 2004 **G**
CLASSIC

Cod. 17



Matt Ochre Yellow - Ral 1024 **M**
SPECIAL

Cod. 4V



Matt Brown Rust - Ral 8004 **M**
SPECIAL

Cod. 9U



Brown - Ral 8017 **G**
CLASSIC

Cod. 09



Hammered Copper **R**
SPECIAL

Cod. J4



Claret - Ral 3003 **G**
CLASSIC

Cod. 06



Flame Red **R**
SPECIAL

Cod. 7D



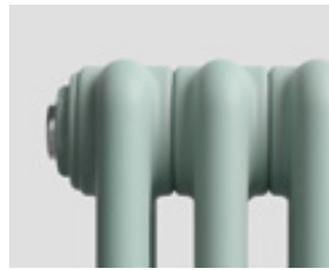
Red · Ral 3000 **G**
CLASSIC

Cod. 05



Matt Powder Rose ·
Ral 3012 **M** SPECIAL

Cod. 5V



Ice **M**
SPECIAL

Cod. 3P



Matt Sage Green ·
Ral 6021 **M** SPECIAL

Cod. 2V



Green Grass · Ral 6018 **G**
CLASSIC

Cod. N3



Woodland Green · Ral 6005
G CLASSIC

Cod. 19



Agave **M**
SPECIAL

Cod. 9N



North Sea Blue **M**
SPECIAL

Cod. 1P



Matt Pastel Blue ·
Ral 5024 **M** SPECIAL

Cod. 1V



Matt Blue Dove ·
Ral 5014 **M** SPECIAL

Cod. 4P



Bluish Lilac · Ral 4005 **G**
CLASSIC

Cod. R3



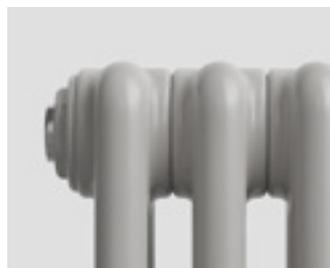
Azurite 3 **R**
SPECIAL

Cod. 6C



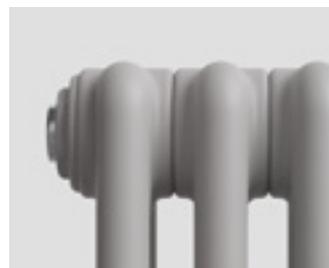
Deep Blue · Ral 5004 **G**
CLASSIC

Cod. 2F



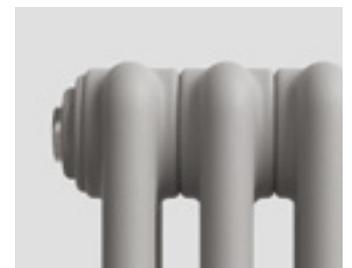
Manhattan Grey **G**
CLASSIC

Cod. 03



Matt Light Grey **M**
SPECIAL

Cod. 8N



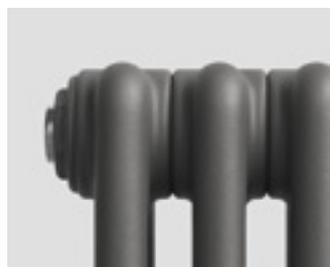
Pearl Grey **R**
SPECIAL

Cod. L6



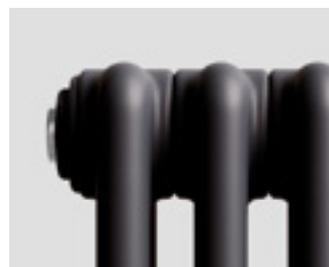
Titanium Grey Metallic ·
Ral 9023 **G** SPECIAL

Cod. L3



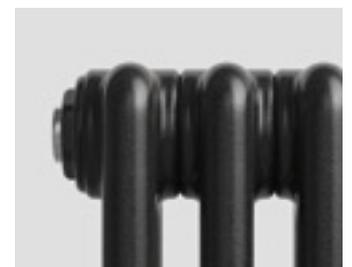
Medium Grey **G**
SPECIAL

Cod. 4D



Matt Anthracite Grey ·
Ral 7016 **M** SPECIAL

Cod. 6V



Hammered Grey **R**
SPECIAL

Cod. 32



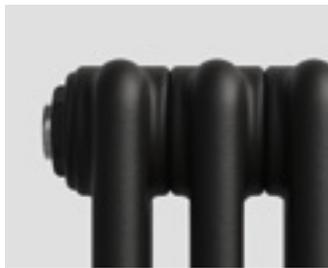
Black - Ral 9005 **G**
CLASSIC

Cod. 10



Graphite Black **R**
SPECIAL

Cod. 18



Satin Black **G**
SPECIAL

Cod. 30



Matt Black **M**
SPECIAL

Cod. K1



Chrome-plated **G**
FINISHES

Cod. 50



Loft Finishing **G**
FINISHES

Cod. TR



In addition to the standard colours, TESI can be painted with a colour chosen from the RAL palette, on request and further to feasibility check

Surface key:

- G** Glossy
- M** Matt
- R** Textured

TESI 2

14 elements, height 1800 mm, width 654 mm. Loft Finish (Code TR)
Central attachment configuration width 50 mm (Cod. 50)



Concept
dogtrot

Art direction, graphic design
Veronica Viotti

Copywriting
Raphael De Mas

Illustrations
Eleonora Venzaga

Set design
Valentina Gregianin

Rendering
Brixel
Salaposa

Colour separation
Lucegroup

Scan the QR code to consult the data sheets



IRSAP SPA
45031 Arquà Polesine (RO)

T. +39 0425 466 611
F. +39 0425 466 662

info@irsap.it
www.irsap.com



IRSAP SPA
45031 Arquà Polesine (RO)

T. +39 0425 466 611
F. +39 0425 466 662

info@irsap.it
www.irsap.com