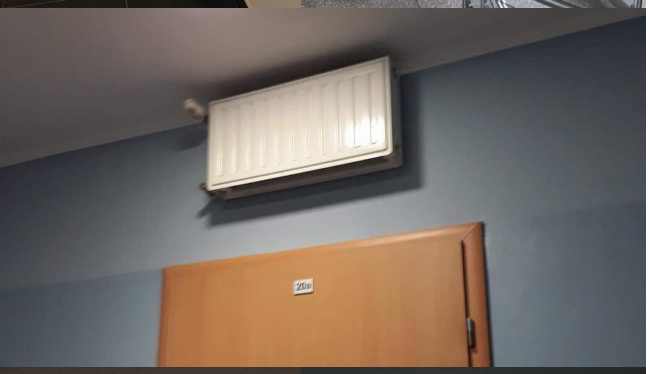
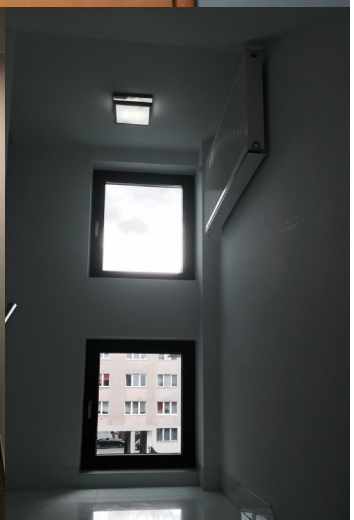
3THERMO

www.3thermo.com

ENERGY-SAVING HEATING SYSTEM FOR STAIR CASES AND COMMON AREAS





What makes the 3THERMO **heating different?**

3THERMO, the manufacturer of surface heating systems has developed an excellent staircase heating system without the loss of precious space. The installation of visible heating elements in luxury apartment buildings is a sheer nightmare for design engineers, but unfortunately it is also the bare necessity. The 3THERMO heating system is different, because it can be fully concealed under a layer of plaster. This is not an electrical panel! This is a water system designed in the central heating system, like typical radiators with the heating parameter of 70/50°C.

THE 3THERMO SYSTEM IS NOT ELECTRICAL

THIS IS A WATER SYSTEM IN THE CENTRAL HEATING SYSTEM BUT WITHOUT WATER IN THE WALL

The vertical location and structure of the staircase force high losses on convection systems during their heating. 3THERMO is an energy-efficient surface system with a very precise control function. It does not ensure heating with the excess of thermal energy as is the case with other systems; it only compensates for current thermal losses directly on the envelope. This guarantees the absolutely lowest thermal energy consumption.

THE VIEW OF THE STAIRCASE FROM AN INFRARED THERMAL CAMERA

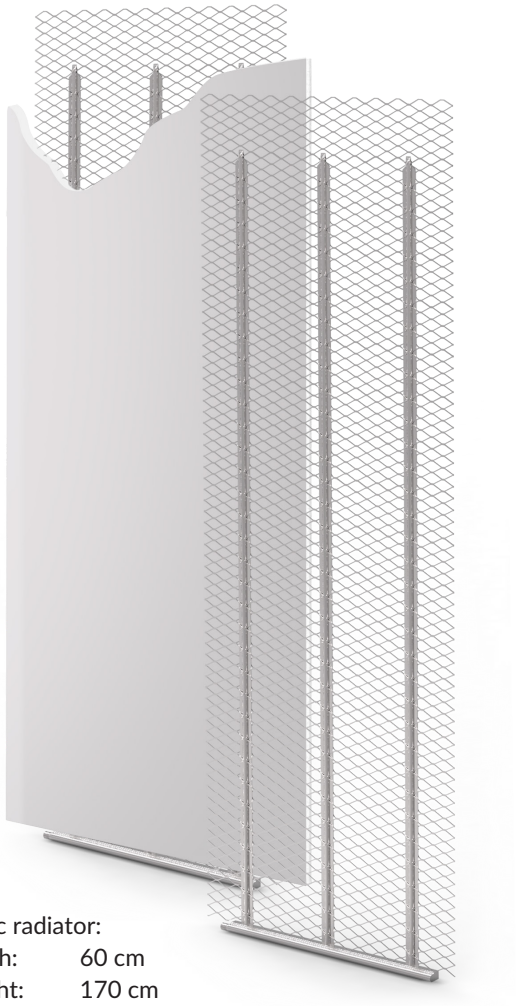
The surface heating system also provides a unique comfort. The temperature of the heating wall does not exceed the temperature of our body, so its operation is practically imperceptible for users. This is also the highest possible aesthetics ever, which ensures simplicity and cleanliness of space. Trails of dust, which are so characteristic for ordinary hanging radiators, never appear on walls. The absence of visible parts of the heating system which protrude from the wall, also raises the level of safety in traffic. Owing to 3THERMO, the escape route determined by regulations may have much greater capacity.

The practicality of the 3THERMO system follows from well thought-out solutions. This is the wall heating which allows for the smooth installation of railings, without fear of damaging the central heating system. The 3THERMO radiators do not introduce water under plaster, and for the same reason, there is no collision with the electrical system. Furthermore, the 3THERMO system dries the walls and requires no cleaning or maintenance. Also there are no moving parts in it, which makes this product extremely durable.

Radiator embedded in a standard drywall?

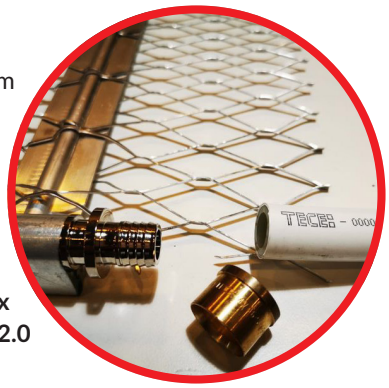
3THERMO concealed radiators are also available in the standard drywall version and their thickness is 12.5 cm. Therefore, if the finishing of the staircase was designed in the drywall system technology, nothing is lost - the modern and energy--efficient wall heating can still be installed. Such a radiator is mounted like a typical panel, however, the only difference is that it is necessary to connect it to the central heating circuit. The 3THERMO radiators are designed to connect with popular ALU-PEX installations in the 16×2.0 standard, with which no fitter will have any problems.

The concealed radiator is a Polish innovative solution which has won many prestigious state awards, including the nomination for the Economic Award of the President of Poland. Furthermore, we would like to inform you that our technical and design departments will help you design and implement 3THERMO solutions so that they fully meet your expectations. Not only our radiators save space but also energy.



Basic radiator:
width: 60 cm
height: 170 cm

Radiator in
a drywall version:
width: 60 cm
height: 200 cm



Example of connection with the TECE Flex system in the 16×2.0 pipe standard.

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Learn more at www.3thermo.com

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