

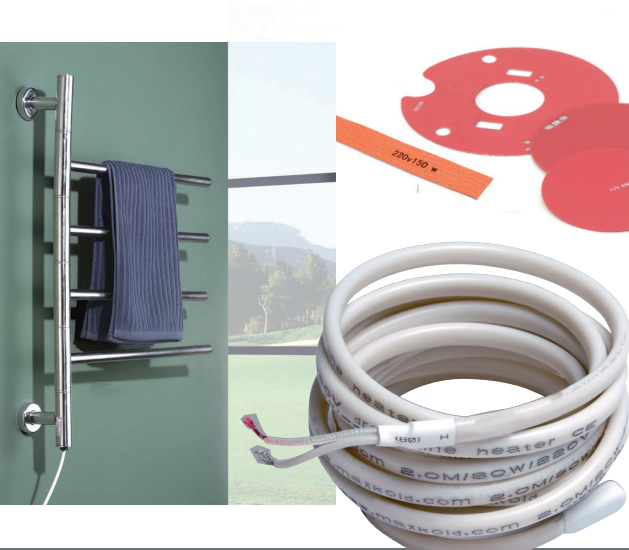
Valves, fittings and installation accessories



The parts shown above are only a small representative sample from our range. For a comprehensive list, please request our specification documents for the parts you need. Spec sheets are available for the following three product groups:

- Valves**
We supply a wide range of different cut-off valves and control valves. These cover most installation requirements, with a variety of designs to suit all decor styles.
- Fittings**
A large number of different types of standard fittings is available in various materials. Additionally we can supply any bespoke fitting to suit your specification.
- Installation accessories**
We offer a large choice of standard parts, e.g. wall brackets for towel warmers and radiators, or T-pieces for integrating an electric radiator into the central heating circuit. Additionally, we manufacture specially designed parts in accordance with your specific requirements, e.g. cladding for water pipes or electricity cables, and much more besides. Please ask for further details.

Electric heaters for dry heater units



Heating cables, heating films & heating mats

In addition to the heating elements mentioned at the start of this brochure, these heating elements are used for special radiators, most of which are, however, not liquid-filled.

Heating cables are used for floor heating or inside simple, relatively small, towel dryers as a source of heat.

Heating films and heating mats are installed behind the radiating surface of a radiator, to which they pass on their heat. This method is also used for mirrors, as among other things this prevents condensation.

General accessories for towel warmers



A range of towel bars, hooks and racks for towel warmers.

For other accessories that are available, please make a detailed enquiry

Data sheets and individual brochures

This summary brochure is intended only to provided an overview of our product range.

For more detailed information about individual products, please request our comprehensive documents. We shall also be pleased to offer you personal advice.

About our company

By choosing Hometherm, you have a creative and technically experienced business associate on your side for all issues related to development. We offer you over 30 years of experience in production and sales in the field of electrical heating.

In addition to the outstanding quality of our products, we pay close attention to production flexibility and excellent customer service. Our products are manufactured to conform with all relevant standards and are tested and certified by various institutes according to the corresponding requirements. Among others, these include VDE, TÜV and UL.

Place your trust in us. You will receive a high-quality product at truly competitive prices.



- | Heating elements
- | Heating mats
- | Controllers
- | Valves
- | Fittings
- | Accessories

Electric heating for towel warmers and radiators

Electric heating elements for towel warmers and heating appliances

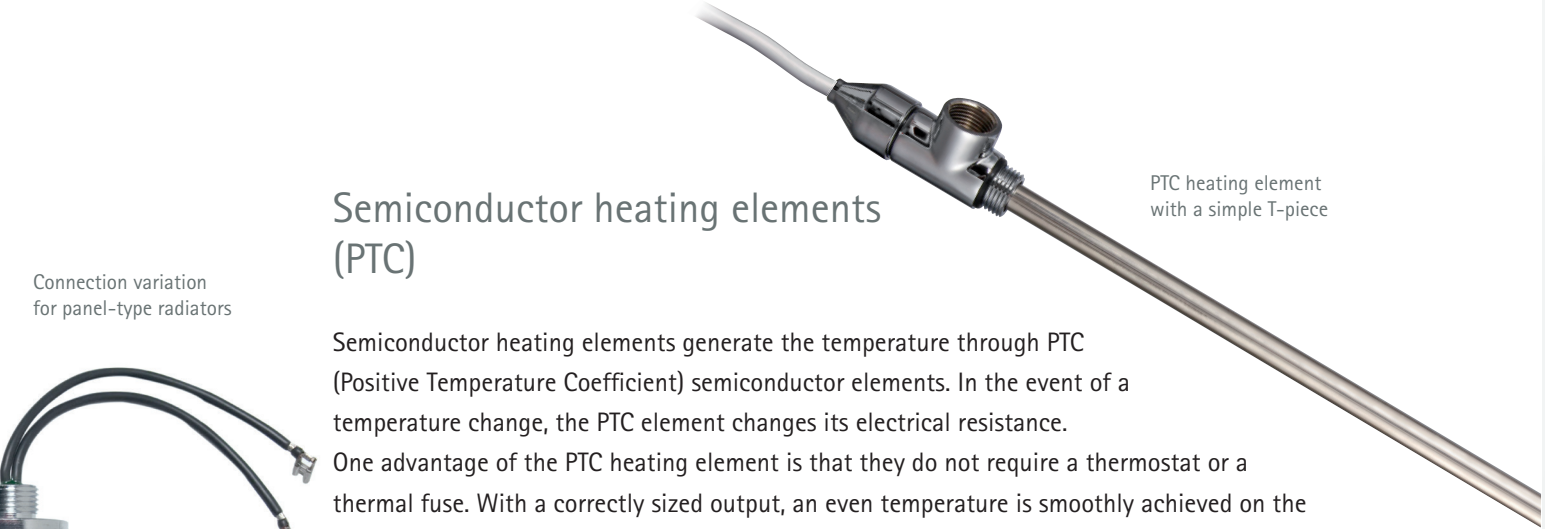


Hometherm designs, develops and produces a wide range of electric heating elements for radiators, towel warmers and all types of heating appliances. These are available in two different technologies, the conventional resistance element and the PTC element.



Resistance heating elements (constant-output)

These traditional elements are also known as Constant Power (CP) heating elements. When an electric current is applied, the heating element wires heat up as a result of their electrical resistance. The heat is released via the surface of the element tube to the fluid in the radiator.



Semiconductor heating elements (PTC)

Semiconductor heating elements generate the temperature through PTC (Positive Temperature Coefficient) semiconductor elements. In the event of a temperature change, the PTC element changes its electrical resistance. One advantage of the PTC heating element is that they do not require a thermostat or a thermal fuse. With a correctly sized output, an even temperature is smoothly achieved on the surface of the radiator. As the output of the semiconductor decreases when the temperature rises, a self – regulating effect avoids overheating, and ensures optimum use of power.



RONDO – The unsurpassed innovation

Our new generation of controllable heating elements leaves nothing to be desired – and all this comes at an attractive price. This combination of an electronic controller and an electric heating element acquired its name from the round shape of the controller unit. Despite its small size, the unit houses the latest in technology. The surface of the controller is finished in either chrome or white to suit your decor. The element and controller are combined in one unit, so that no additional connection is needed during installation. The temperature of the fluid in the radiator itself is measured and regulated, not the room temperature. Consequently other room heaters cannot interfere with the control. This gives total separation between the regulation of the room temperature and that of the towel warmer or radiator. There are two models.

RONDO-M – Simple and reliable.

The special feature of this model is that its wide ranging functions and values can be easily adjusted almost without the need for any special instructions. The operation of the buttons on the control unit is self explanatory, making the Rondo-M ideal for those who are not particularly interested in, or comfortable with technology. In spite of this, it features many practical functions which, in part, are automatically activated. The controller display simplifies the reading of all operational modes and data.

RONDO-R – Multi-functional simple remote control

This model incorporates all the functions of the basic model, plus many more. As well as temperature selection, it is also possible to set various **time programmes** for each day of the week. All settings can be made effortlessly using an easily-operated **remote control unit**. In addition, all operational modes and data are shown on the display. As a special new feature, the remote control unit has an **ECO button** that activates the energy saving mode. The control unit is ideally suited for **operation in the low temperature range**, if the corresponding button lock has been activated. This means that a low temperature (e.g. 43°C) can be securely maintained to meet customer needs, or comply with LST requirements.



Controlled conditions in electric heating

Control devices for monitoring radiator temperature

The RONDO series has already been described on the previous page. The features and benefits of both Rondo controllers can also be used with sealed electric towel warmers to achieve the optimum solution and levels of comfort.



DUAL control device – monitors both heating fluid temperature and the room temperature

This unique controller measures and controls both the temperature of the towel warmer or radiator and the room temperature. These two values, data and wide range of functions can be set on the device and read from the display.



Controllers for monitoring the room temperature

In order to maintain the set room temperature and programmed times, a sensor monitors the room temperature and the programmer controls the heating element. Our range includes many variants from normal on/off switches and analogue controllers through to digital devices with a colour display and remote control. Additionally they can be used with a range of different element types.



Heating elements with an integrated on/off switch

The heating element and switch are available in an elegant, rotatable housing finished in white, chrome or brushed.

For a detailed description of the products, please request the corresponding data sheets.

