

The TECHNOTHERM Combination Radiator Systems

Elegant design with the high performance heating technology of tomorrow - today



An elegant solution for all heating

The Combination Electric radiators have been designed using the latest technology to create an elegant solution for all hard to heat situations, They can be installed in almost any location due to the flexibility of the product.

The range has been developed to provide an adaptable solution for electric heating in Domestic properties, Conservatories, Holiday homes, Offices and any other temporary heating situation.

Our unique heating tablets provide the source for the radiator. Whilst the radiator is classed as a 100% efficient Direct Acting appliance, the heating tablets provide partial storage to prolong your heating comfort and to reduce running costs.

The radiator has a robust body which incorporates a spot welded high fin surface area to ensure that there are no contraction noises during the heating cycle. The high fin design boasts 6 times the normal radiator surface area to provide a balance of Convection and Radiant heat for your added comfort.



The radiators can be simply plugged in to a standard socket or hard wired to an existing spur connection. The range has the flexibility of being wall mounted or free standing on castors or feet. For added versatility we can supply conservatory radiators which are also ideal for use below windows with low sills.

These radiators can be controlled by a various choice of thermostats, including the integral 'TDI' 24/7 programmable electronic thermostat or our manual 'E4' thermostat for use with mobile radiators (on feet or castors).

For a fully controllable central heating system, the radiators can be installed with our TECHNOTHERM DSM Thermostat, "open" window function or internet use to comply with the latest Building Regulations. With our Smartbox, they can be individually controlled via our App from a smart-phone or tablet.

In addition to the above we also supply Radio Frequency radiators which provide all the benefits of the standard version however the control wiring is eliminated. These models can be controlled by our TPF and TBF thermostat.

In the Ecodesign Directive (the ErP Directive), the European Union requires that the environmental impact of energy-related products be minimized. To this end, requirements for an environmentally sound design of products throughout their life cycle have been defined and transposed into national law. According to the ErP Directive, electric room heating appliances must comply with the requirements of ErP. TECHNOTHERM guarantees planners and end users an energetically high standard.





All TECHNOTHERM radiators are manufactured in Germany to the highest safety and quality standards. Each radiator is CE and TÜV marked and carries all the necessary European Approvals.

1,2kW



Electric Combination Radiators

Our new DSM thermostat: 24/7 programmable thermostat.
Controllable via the LHZ App.

What does the App do?

- Control and regulate the temperature and operating times in your rooms
- Cost-effective networking of all "DSM" devices without large investments
- Easy Installation
- "Out-of-house" function: With only one command, all devices are controlled by individually set temperatures
- Detects open windows and automatically controls the temperature accordingly
- Everything under control: Set individual temperatures and times for each heater
- Automatic function - detects presence and absence and adapts accordingly to your heat requirement
- Self-learning start function: Achieves the set temperature at its desired time (for example, at 6:30 it should be 21°C warm in the bathroom)
- "Invitation" from guests - for holiday homes, hotels or guest rooms

1,0kW /1,2kW



The TECHNOTHERM Electric Radiators have been accepted as a practical modern solution to other forms of inefficient heating throughout the world for many years. Their success is due largely to the following features and benefits:

- Ease of Installation
- Safe, clean and easy to operate
- Fully controllable by either manual or digitally controlled (TDI/DSM) thermostats.
- Various outputs and sizes are available from 500w - 2800w
- No maintenance required 100% efficient
- These Slimline Radiators are 70mm deep
- Radiators can be simply plugged in or fused spurred
- All radiators are supplied with wall fixing brackets
- Castors or feet stands can be ordered as optional extras
- Each radiator is supplied with 1.5m length cable
- All radiators are powder coated both internally and externally in white to RAL 9003

1,5kW / 1,8kW

500 W / 600 W

High performance - whatever the situation

2,0kW / 2,4kW

They look like conventional “wet” system radiators, heat up and operate like “wet” system radiators and all without the requirement of a central heating boiler.

- Domestic Properties
- Properties with no access to Natural Gas
- Conservatories
- Sunrooms
- Holiday homes, Parkhomes and Caravans
- Hotels and Pubs
- Offices
- Portable Offices
- Temporary Heating purposes
- Social Housing Contracts

...in conservatories



2,0kW

To complete the range, TECHNOTHERM has electric heaters in the program that are suitable because of their low height - especially for conservatories. They are only 34 cm high. They also can be placed on feet or castors, various sizes and power options available.

...in the bathroom



magnetic stainless steel towel rail

1,0kW / 1,2kW

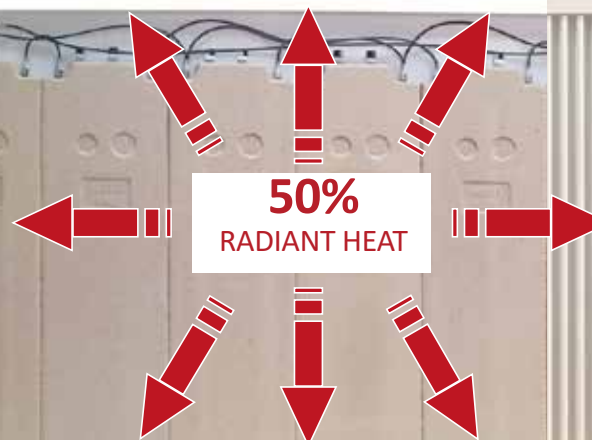
with splash protection class IPX 24

Internal Construction

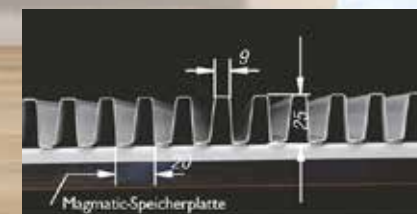
50%
CONVECTION HEAT



50%
RADIANT HEAT



Magmatic Heat Retention tablets
c/w twin thermocouple overheat protection



large surface area created from metal ribs

Method of Operation

21°C

Our unique combination radiators are designed to store the heat directly into the “Heat-Retention Tablets”, without any loss of energy.

When the TECHNOTHERM Radiators have achieved their required temperature the thermostat will cut the power to the Radiator. The Radiator will continue to provide heat, (that has been heat directly into the tablets), for up to 45 minutes with no further use of electricity.

The Radiators will use approximately 15-20 minutes of electricity per hour depending upon on the building fabric and the severity of the outside temperature. The heating conductors are produced from high quality chrome-nickel steel (resistant to scaling up to 1100 °C) which are molded into the tablet.

The contacts inside the radiators are protected with heat shrinkable insulated sleeves to ensure optimum safety. Two thermocouples within each radiator provide twin overheat protection for additional safety.

even temperature throughout the room

20°C

Bathroom Radiators - IPX4 Rated Models

All TECHNOTHERM Bathroom Radiators, up to an output of 1.5kW, are IPX4 rated and are therefore tested and approved for use in all bathroom situations.

Please consult a qualified electrician or refer to IEE Wiring Regulations 17th Edition for latest regulations.



Model: HR 600



Model: HR Chrome



Model: HR 1200



1,2kW

Feel good with heat from electricity - www.technotherm.de

Control Options



TECHNOTHERM electric heating systems can be regulated differently depending on the installation - either as a single, independent heating or as a controllable central heating system, with radio frequency control.



Radio frequency control TPF-Eco

The options are the following:

E4 - Manually controlled electronic thermostat. This control method is ideal for individual room-dependent heating requirements. The controller is not approved for wall mounting in EU countries. However this thermostat can be used when the radiators are mounted on 'feet or castors'.

TPF-Eco / RF - Radio Frequency Control has been designed to operate individual heaters independently or simultaneously. The receiver (RF) is integrated in the side panel.

DSM - New control of our electric DSM Heater via the TECHNOTHERM APP. It detects open windows and can also be operated with Alexa. Self-learning start control and "geo-location" complete the thermostat. Daily, monthly and yearly statistics of energy consumption.



TDI - The radiator can be programmed 24 hours/7 days at required temperatures. Timer/Boost Mode: This boost facility can be used to over-ride the programming mode. Temperature can be set between 5°C and 30°C for 30 mins to 72 hours.

Thermostats and accessories



DSM thermostat

Smartbox



TDI Thermostat



Radio frequency control
TPF-Eco



Digital transmitter TBF



Reciever TRF



castors – optional




Feet stands – optional



E4 - Thermostat



stainless steel towel rail



high performance- whatever the situation

1,6kW

Feel good with heat from electricity - www.technotherm.de

Electric Combination Heaters
 with E4 Thermostat

	Model	Power	Dimensions W x H x D [mm]	Weight	Article No.
Standard 500 Watt	TT-KS 500 S	500	380 x 630 x 70	22,0	450 605 965
Standard 1000 Watt	TT-KS 1000 S	1000	680 x 630 x 70	36,0	450 610 965
Standard 1200 Watt	TT-KS 1200 S	1200	680 x 630 x 70	36,0	450 612 965
Standard 1500 Watt	TT-KS 1500 S	1500	980 x 630 x 70	50,0	450 615 965
Standard 1800 Watt	TT-KS 1800 S	1800	980 x 630 x 70	50,0	450 618 965
Standard 2000 Watt	TT-KS 2000 S	2000	1280 x 630 x 70	62,0	450 620 965
Standard 2400 Watt	TT-KS 2400 S	2400	1280 x 630 x 70	62,0	450 624 965
Standard 2800 Watt	TT-KS 2800 S	2800	1580 x 630 x 70	82,0	450 628 965

with DSM Thermostat

Standard 500 Watt	TT-KS 500 S DSM	500	380 x 630 x 70	22,0	450 605 975
Standard 1000 Watt	TT-KS 1000 S DSM	1000	680 x 630 x 70	36,0	450 610 975
Standard 1200 Watt	TT-KS 1200 S DSM	1200	680 x 630 x 70	36,0	450 612 975
Standard 1500 Watt	TT-KS 1500 S DSM	1500	980 x 630 x 70	50,0	450 615 975
Standard 1800 Watt	TT-KS 1800 S DSM	1800	980 x 630 x 70	50,0	450 618 975
Standard 2000 Watt	TT-KS 2000 S DSM	2000	1280 x 630 x 70	62,0	450 620 975
Standard 2400 Watt	TT-KS 2400 S DSM	2400	1280 x 630 x 70	62,0	450 624 975
Standard 2800 Watt	TT-KS 2800 S DSM	2800	1580 x 630 x 70	82,0	450 628 975

with RF Receiver

	Model	Power	Dimensions W x H x D [mm]	Weight	Article No.
Standard 500 Watt	TT-KS 500 S RF	500	380 x 630 x 70	22,0	450 605 955
Standard 1000 Watt	TT-KS 1000 S RF	1000	680 x 630 x 70	36,0	450 610 955
Standard 1200 Watt	TT-KS 1200 S RF	1200	680 x 630 x 70	36,0	450 612 955
Standard 1500 Watt	TT-KS 1500 S RF	1500	980 x 630 x 70	50,0	450 615 955
Standard 1800 Watt	TT-KS 1800 S RF	1800	980 x 630 x 70	50,0	450 618 955
Standard 2000 Watt	TT-KS 2000 S RF	2000	1280 x 630 x 70	62,0	450 620 955
Standard 2400 Watt	TT-KS 2400 S RF	2400	1280 x 630 x 70	62,0	450 624 955
Standard 2800 Watt	TT-KS 2800 S RF	2800	1580 x 630 x 70	82,0	450 628 955

with splash protection IP24

Standard 500 Watt	TT-KS 500 S X4	500	380 x 630 x 70	22,0	450 605 964
Standard 1000 Watt	TT-KS 1000 S X4	1000	680 x 630 x 70	36,0	450 610 964
Standard 1200 Watt	TT-KS 1200 S X4	1200	680 x 630 x 70	36,0	450 612 964
Standard 1500 Watt	TT-KS 1500 S X4	1500	980 x 630 x 70	50,0	450 615 964
Standard 1800 Watt	TT-KS 1800 S X4	1800	980 x 630 x 70	50,0	450 618 966
Standard 2000 Watt	TT-KS 2000 S X4	2000	1280 x 630 x 70	62,0	450 620 966
Standard 2400 Watt	TT-KS 2400 S X4	2400	1280 x 630 x 70	62,0	450 624 966
Standard 2800 Watt	TT-KS 2800 S X4	2800	1580 x 630 x 70	82,0	450 628 966

Conservatory radiators
 with E4 Thermostat

	Model	Power	Dimensions W x H x D [mm]	Weight	Article No.
800 Watt	TT-KS 800 N	800	680 x 340 x 70	21,0	450 308 965
1200 Watt	TT-KS 1200 N	1200	980 x 340 x 70	24,5	450 312 965
1600 Watt	TT-KS 1600 N	1600	1280 x 340 x 70	34,5	450 316 965
2000 Watt	TT-KS 2000 N	2000	1580 x 340 x 70	38,0	450 320 965

with DSM Thermostat

800 Watt	TT-KS 800 N DSM	800	680 x 340 x 70	21,0	450 308 975
1200 Watt	TT-KS 1200 N DSM	1200	980 x 340 x 70	24,5	450 312 975
1600 Watt	TT-KS 1600 N DSM	1600	1280 x 340 x 70	34,5	450 316 975
2000 Watt	TT-KS 2000 N DSM	2000	1580 x 340 x 70	38,0	450 320 975

with RF Receiver

800 Watt	TT-KS 800 N RF	800	680 x 340 x 70	21,0	450 308 955
1200 Watt	TT-KS 1200 N RF	1200	980 x 340 x 70	24,5	450 312 955
1600 Watt	TT-KS 1600 N RF	1600	1280 x 340 x 70	34,5	450 316 955
2000 Watt	TT-KS 2000 N RF	2000	1580 x 340 x 70	38,0	450 320 955

with splash protection IP24

800 Watt	TT-KS 800 N X4	800	680 x 340 x 70	21,0	450 308 964
1200 Watt	TT-KS 1200 N X4	1200	980 x 340 x 70	24,5	450 312 964
1600 Watt	TT-KS 1600 N X4	1600	1280 x 340 x 70	34,5	450 316 964
2000 Watt	TT-KS 2000 N X4	2000	1580 x 340 x 70	38,0	450 320 964

Tall Radiators

with E4 Thermostat

	Model	Power	Dimensions W x H x D [mm]	Weight	Article No.
1200 Watt	TT-KS 1200 H	1200	380 x 1240 x 70	35,0	450 112 965
1800 Watt	TT-KS 1800 H	1800	550 x 1240 x 70	58,0	450 118 965
2200 Watt	TT-KS 2200 H	2200	680 x 1240 x 70	66,0	450 220 965

with DSM Thermostat

1200 Watt	TT-KS 1200 H DSM	1200	380 x 1240 x 70	35,0	450 112 975
1800 Watt	TT-KS 1800 H DSM	1800	550 x 1240 x 70	58,0	450 118 975
2200 Watt	TT-KS 2200 H DSM	2200	680 x 1240 x 70	66,0	450 220 975

with RF Receiver

1200 Watt	TT-KS 1200 H RF	1200	380 x 1240 x 70	35,0	450 112 955
1800 Watt	TT-KS 1800 H RF	1800	550 x 1240 x 70	58,0	450 118 955
2200 Watt	TT-KS 2200 H RF	2200	680 x 1240 x 70	66,0	450 220 955

With splash protection IP 24

1200 Watt	TT-KS 1200 H X4	1200	380 x 1240 x 70	35,0	450 112 966
1800 Watt	TT-KS 1800 H X4	1800	550 x 1240 x 70	58,0	450 118 966
2200 Watt	TT-KS 2200 H X4	2200	680 x 1240 x 70	66,0	450 220 966

TPF Eco Radio frequency control

TPF-Eco 135 x 80 x 30 0,25 750 000 641

TBF Digital transmitter

TBF 80 x 80 x 23 0,25 750 000 631

TSF Outlet reciever

TSF 140 x 70 x 50 0,25 750 000 633

TRF Radio receiver for PI control

TRF 120 x 54 x 25 0,25 750 000 634

Castors (pair), for TT-KS / TT-KSN

Castors KS approx. 60 mm 450 912 965

Feet stands (pair), for TT-K S

Feets KS approx. 60 mm 450 910 965

Stainless steel towel rail

Towel rail 600 mm 450 915 952

And when you fulfill your desires in terms of heat?

Electric heating systems for Houses and Apartments are our strength!

TECHNOTHERM International delivers premier heating products across the world. Our range of TECHNOTHERM Combinations Radiators are produced in GERMANY and comply with the appropriate standards of the European Union and Certificate Institutes.

Our product range:

Storage Heaters

Luxurious warm homes at affordable prices

Direct Heaters

Heat where you need it

Cable Heaters (Heating Mats)

The best heat comes from below

Natural Stone Heater

Healthy heat in its most elegant form

Hot Water

Economical and extremely convenient



Ask us about our products, services, or whatever else you want to know about Technotherm. We can assist you with all your inquiries and questions

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