

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. All our model sizes are supplied with a E4 manual room thermostat. For a fully controllable central heating system, the radiators can be installed with our TECHNOTHERM Control Box, Single Channel Programmer and Room Thermostat to comply with the latest Building Regulations.

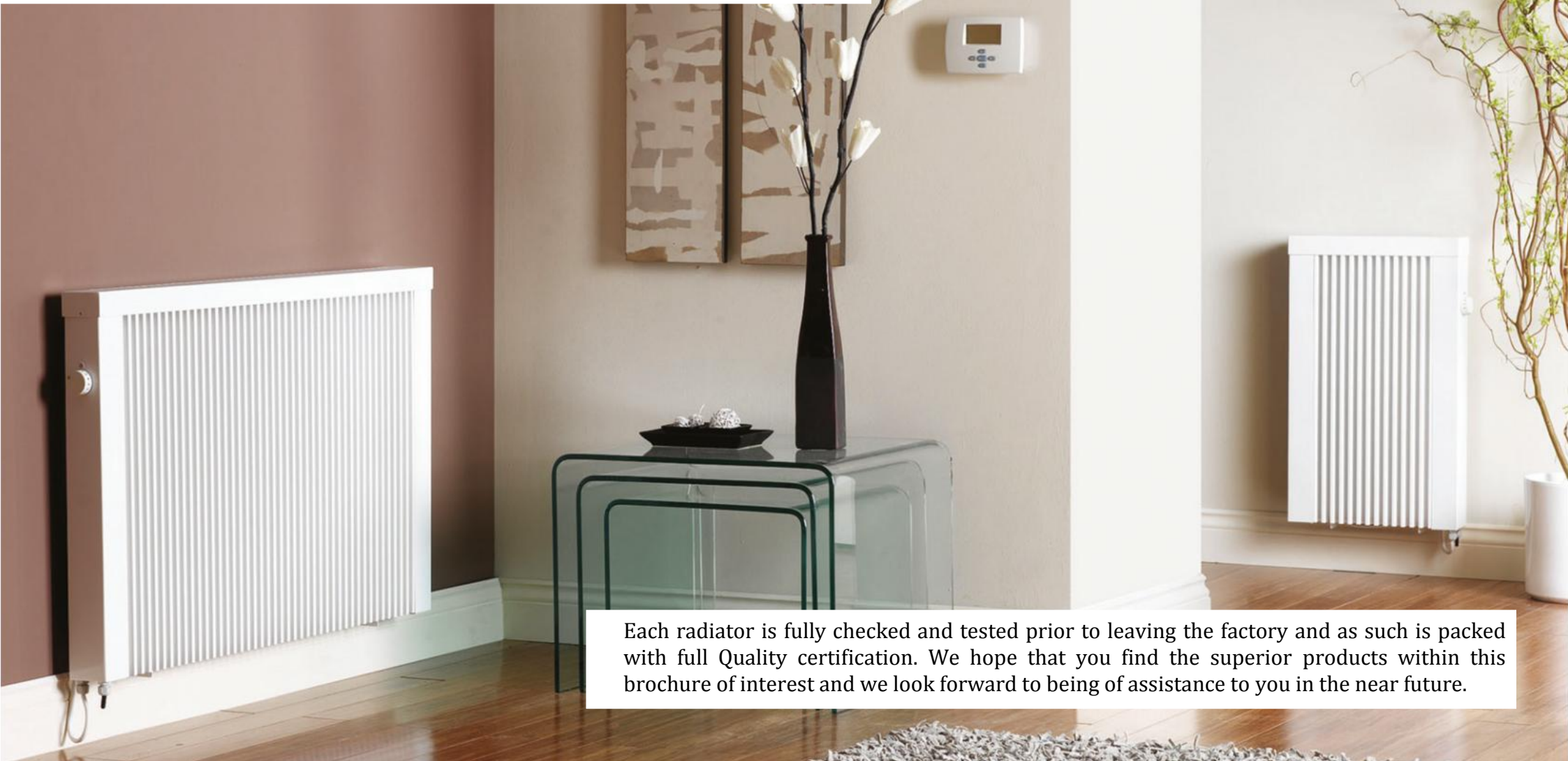
For a fully controllable central heating system, the radiators can be installed with our TECHNOTHERM Control Box, Single Channel Programmer and Room Thermostat to comply with the latest Building Regulations.

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.



Furthermore we also supply TECHNOTHERM radiators with an integral TDI digital thermostat that can be programmed 24 hours, 7 days a week. 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.

Electric Combination Radiators



Each radiator is fully checked and tested prior to leaving the factory and as such is packed with full Quality certification. We hope that you find the superior products within this brochure of interest and we look forward to being of assistance to you in the near future.

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) 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

As our products are of such superior quality we are proud to offer a **12 year warranty** on our radiators and a **2 year warranty** on the electronics across our full range of TECHNOTHERM Electric Combination Radiators.





High performance - whatever

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 the winter garden

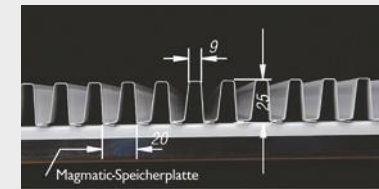
To complete the range, TECHNOTHERM has electric heaters in the program that are suitable because of their low height - especially for winter garden and porches. They are only 34 cm high, can be permanently attached to the wall or be placed on stands or rolls - quite variable and individually.



...in the bathroom

with splash protection class IPX 24

Internal Construction and Fixing Accessories



High Fin Surface



Each standard radiator has a E4 thermostat fitted which regulates the temperature in each room



Tablets with thermocouples

Method of Operation

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 20 – 30 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.

21°C

Hot air

20°C

comfortable warm floor temperature

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 deluxe



Model: HR chrom



Model: HR KSB

Heat where you need it



Control Options



Radio frequency control TPF

LHZ Radiators can be controlled by a number of different options dependent on the installation circumstances. They can be installed as stand alone heaters or as a controllable central heating system using either an integral E4 or TDI thermostat or alternatively an external TPF thermostat.

The options are the following:

E4 – All our TECHNOTHERM Combination Heaters are delivered with the E4 manual thermostat

T-Pod – Control of 6 heating zones at a frequency of 868 MHz



Every standard combination heater is delivered with the E4 manual thermostat.



Every radio controlled combination heater is delivered with TRF radio control.

Accessories



Central controller TZF



Radio frequency control TPF



Digital transmitter TBF



Outlet receiver TSF



Receiver TRF



Feet stands – optional



Castors – optional



Wall mounting set (included)

Technical datas

Electric Combination Heaters

Standard 500 Watt
Standard 1000 Watt
Standard 1200 Watt
Standard 1500 Watt
Standard 1800 Watt
Standard 2000 Watt
Standard 2400 Watt
Standard 2800 Watt

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

with splash protection class IP 24

IP 24 Standard 500 Watt
IP 24 Standard 1000 Watt
IP 24 Standard 1200 Watt
IP 24 Standard 1500 Watt

TT - KS 500 N X4	450 605 964	500	380 x 630 x 70	22,0
TT - KS 1000 N X4	450 610 964	1000	680 x 630 x 70	36,0
TT - KS 1200 N X4	450 612 964	1200	680 x 630 x 70	36,0
TT - KS 1500 N X4	450 615 964	1500	980 x 630 x 70	50,0

Winter garden heater

800 Watt
1200 Watt
1600 Watt
2000 Watt

TT - KS 800 N	450 308 965	800	680 x 340 x 70	21,0
TT - KS 1200 N	450 312 965	1200	980 x 340 x 70	24,5
TT - KS 1600 N	450 316 965	1600	1280 x 340 x 70	34,5
TT - KS 2000 N	450 320 965	2000	1580 x 340 x 70	38,0

with splash protection class IP 24

IP 24 - 800 Watt
IP 24 - 1200 Watt

TT - KS 800 N X4	450 308 964	800	680 x 340 x 70	21,0
TT - KS 1200 N X4	450 312 964	1200	980 x 340 x 70	24,5

Technical datas

Tall radiators

tall 1200 Watt
tall 1800 Watt
tall 2200 Watt

With splash protection class IP 24

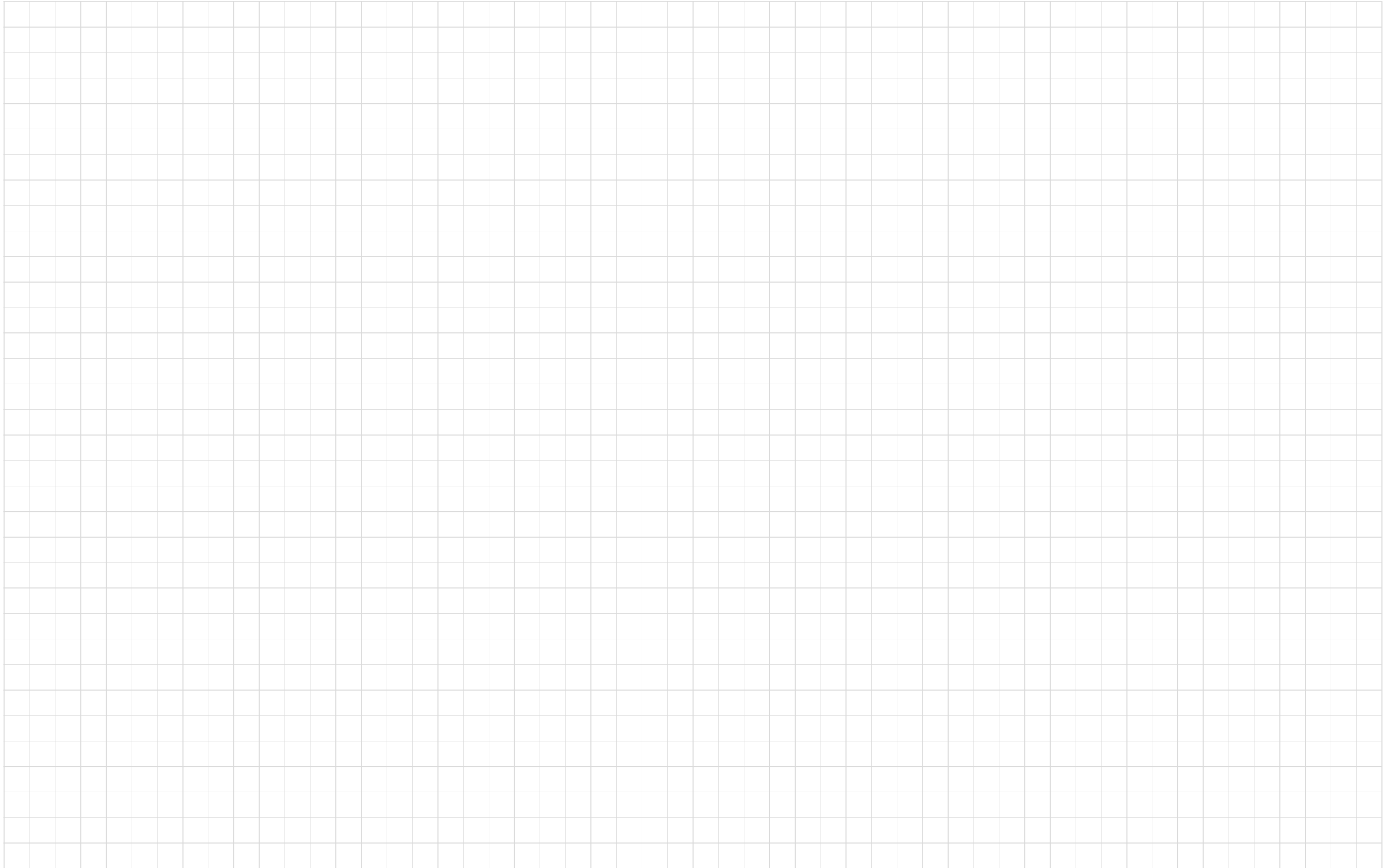
IP24 tall 1200 Watt

Accessories & Controls

Castors (pair), for TT-KS / TT-KSN
Feet stands (pair), for TT-K S / TT-KS
Radio frequency control
Digital transmitter
Central controller
Outlet reciever
Radio receiver for PI control

Modell	Article No.	Power [Watt]	Dimensions WxHxD [mm]	Weight [app. kg]
TT - KS 1200 H	450 112 965	1200	380 x 1240 x 70	35,0
TT - KS 1800 H	450 118 965	1800	550 x 1240 x 70	58,0
TT - KS 2200 H	450 220 965	2200	680 x 1240 x 70	66,0
TT - KS 1200 H X4	450 112 964	1200	380 x 1240 x 70	35,0
Castors KS	450 912 965		Approx 50mm	
Feet stands KS	450 910 965		Approx 50mm	
TPF	750 000 630		135 x 80 x 30	
TBF	750 000 631		80 x 80 x 23	
TZF	750 000 632		135 x 80 x 20	
TSF	750 000 633		140 x 70 x 50	
TRF	750 000 634		120 x 54 x 25	

Notes



And when you fulfill your desires in terms of heat?

Electric heating systems for house and apartment 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

Simply get in touch with us.

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

TECHNOTHERM International a brand of
Lucht LHZ Elektroheizung GmbH & Co. KG

Obere Hauptstr. 61

09232 Hartmannsdorf

Germany

Telefon: +49 (0) 3722 63370

Telefax: +49 (0) 3722 633720

info@technotherm.de

www.technotherm.de

Managing Director::

Uwe Lucht jun.

Amtsgericht Chemnitz HRA 797

USt-IdNr.: DE 214 301 203

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Ask for our full catalog.

Errors and technical changes we keep before us. No warranty. Prices are valid until new release of this list. Prices without VAT.

For specific questions regarding the certification marks contact us.

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