

# PARTIAL STORAGE HEATING

## VERSATILE & INNOVATIVE!

The TECHNOTHERM Partial Storage Heaters 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 central heating situation. Our unique patented Magmatic® 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 expansion or 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.

Our partial storage heaters impress with:

- **Castors, feet stands or radiator supports can be ordered as optional extras**
- **Only 7 cm depth**
- **IP 20 / IP X4**
- **"Internet Ready" with the ECO interface (Radio receiver RF and TPF thermostat) or the TECHNOTHERM APP (DSM thermostat)**
- **Self-generated electricity can be used with the TECHNOTHERM energymanager**
- **Low Surface Temperature (LST) models available for Kindergardens, schools and social facilities**

The partial storage heaters can be easily connected to a standard power outlet or an existing line. They come with Wall Mounting brackets, but can also be mounted on Feet/Castors as an optional extra. The range also includes space-saving partial storage heaters for conservatory, which can be easily installed under deep windows due to their low height of only 34 cm. All our standard models come with a built-in, manually controlled room thermostat.

For a completely controllable heating system, the partial storage heaters can be operated with our ECO control system (Internet-capable) or with own power (IT energy manager) and room thermostats.



Partial storage  
Heating

# Partial storage heating TT-KS

THE MODERN ELECTRIC HEATING SYSTEM



**Our unique surface thermal-storage heaters are designed so that the heat is directly stored in special ceramics panels almost without energy losses. A six times larger surface ensures a correct balance of radiant and convection heat.**

As soon as the surface thermal storage heater has reached its optimal temperature, the heat can be released for max. 45 minutes without current, depending on the value set on the thermostat. Depending on the programmed settings and on the substance of the building, 3-5 hours of electricity are needed on average for 24 hours heat release.

## **MAGMATIC® energy storage stone**

All our models are equipped with the special Magmatic® heat storage medium.



All RAL colours are available  
available on request. Surcharge 245,20 €



## CONTROL YOUR DEVICES THROUGH INNOVATIVE NEW WIFI THERMOSTATS

### Thermostat DSM

The DSM thermostat can be controlled via the DSM in-interface (to be ordered separately, see page 111) via the Internet using the free **TECHNOTHERM APP**. Separate temperatures and various time programs can be set for each room (see page 8-9). Current consumption and a "history" are easy to read. The thermostat detects an open window and reacts accordingly ("Open Window" function). The "out-of-house" function allows all programmed devices to be down-regulated by a certain temperature. Automatic function - detects presence and absence and adapts to your heat demand. The DSM thermostat makes your heater, among others, ErP-conform



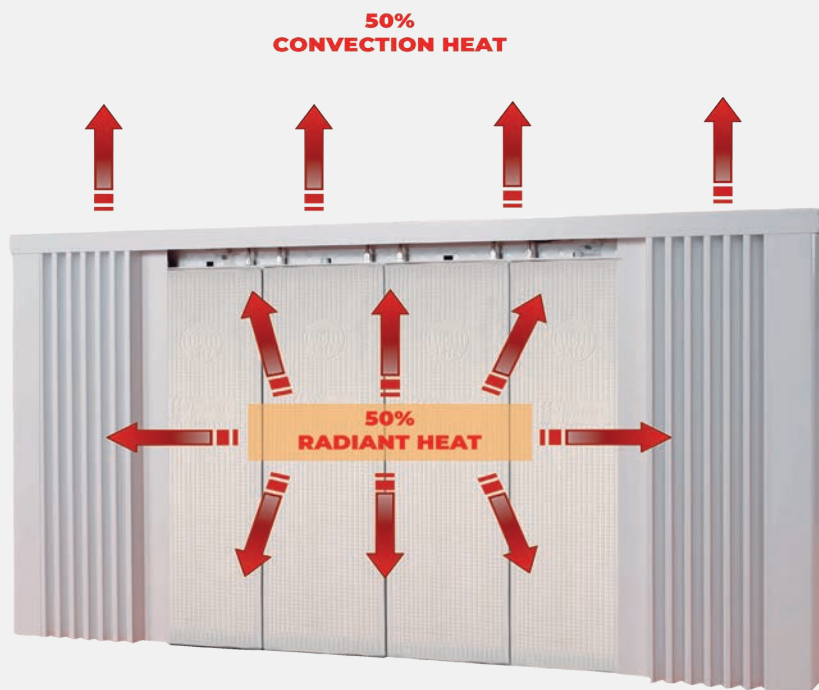
### Radio receiver RF

**Built-in radio receiver for control with an external thermostat.** TPF-ECO (exclusive) and our TYDOM APP. Necessary for control via the Internet, range within the building approx. 30 m (depending on the design), radio frequency 868 MHz (standard EN 300 200), for ECO interface (see page 12-13). The TPF-ECO thermostat must be ordered separately (see page 111).





## BENEFITS OF CONVECTION HEAT AND RADIANT HEAT IN A DEVICE

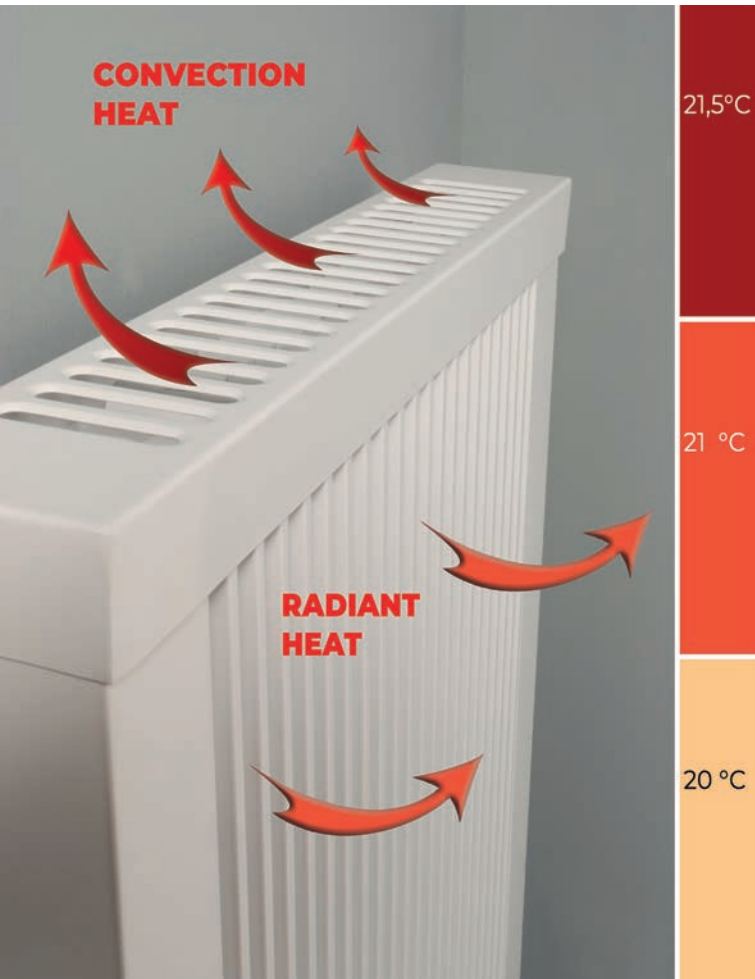


Our unique surface thermal-storage heaters are designed so that the heat is directly stored in special ceramics panels almost without energy losses. A six times larger surface ensures a correct balance of radiant and convection heat. As soon as the surface thermal-storage heater has reached its optimal temperature, the heat can be released for max. 45 minutes without current, depending on the value set on the thermostat. Depending on the programmed settings and on the substance of the building, 3-5 hours of electricity are needed on average for 24 hours heat release.

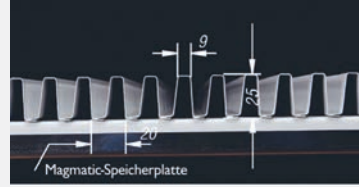
### **MAGMATIC®-energy storage stone**

Using a special technology, the heating conductors manufactured from chromium-nickel steel (scale resistant at up to 1,100 °C, better contact conditions) are filled into the storage stone. Thus the energy is almost completely converted into heat directly in the storage stone. The overheating protection is installed repeatedly in the device. The powder coating (also in its internal space) protects the device against corrosion.





▼ Sheet steel fins with 6 times more surface



◀ Development of the energy storage stone is our contribution to the reduction of your heating costs. The heating fins are welded on individually so that no crack noise occurs during heating. Thus you receive a clean and noise-free warmth.



# Partial storage heating

## Series TT KS-H



### TT KS-H DSM

**High partial thermal-storage heater, in addition with DSM thermostat.** The DSM thermostat can be controlled via the DSM interface (to be ordered separately, see page 111) via the Internet using the free TECHNOTHERM APP. Separate temperatures and various time programs can be set for each room (see page 8-9). With electronic room temperature control and weekday regulation. Detection of open window. Adaptive start control. Internet option (see page 111).

### TT KS-H RF

**High partial storage heater, but with built-in radio receiver** for control with an external thermostat e.g. TPF-ECO (exclusive) and our TYDOM APP. Necessary for control over the Internet, range within the building approx. 30 m (depending on the type of construction), radio frequency 868 MHz (EN 300 200 standard), for ECO interface (see page 12-13).

**IP 20**

**The TPF-ECO thermostat and ECO-Interface must be ordered separately for all RF models.**



Model	Power [KW]	Dimensions B x H x T [mm]	Weight [kg approx.]	Order number	Price [Euro]
TT-KS 1200 H DSM	1,20	380 x 1240 x 70	35,00	450 112 975	1.245,76
TT-KS 1800 H DSM	1,80	550 x 1240 x 70	58,00	450 118 975	1.367,57
TT-KS 2200 H DSM	2,20	680 x 1240 x 70	66,00	450 122 975	1.520,72

Discount group TT\_200

All units can also be ordered in IPX4 for a 60,30 Euro surcharge.

Model	Power [KW]	Dimensions B x H x T [mm]	Weight [kg approx.]	Order number	Price [Euro]
TT-KS 1200 H RF	1,20	380 x 1240 x 70	35,00	450 112 955	1.222,86
TT-KS 1800 H RF	1,80	550 x 1240 x 70	58,00	450 118 955	1.351,89
TT-KS 2200 H RF	2,20	680 x 1240 x 70	66,00	450 122 955	1.508,67

Discount group TT\_200

All units can also be ordered in IPX4 for a 60,30 Euro surcharge.



## TT KS-H plus

**High partial storage heater with the "plus" thermostat** for easy programming. The thermostat detects open windows and occupies an additional start control with various daily and weekly programs. Large display for good device operations. **IP 24**



Model	Power [KW]	Dimensions B x H X T [mm]	Weight [kg approx.]	Order number	Price [Euro]
TT-KS 1200 H plus	1,20	380 x 1240 x 70	35,00	450 112 945	1.198,73
TT-KS 1800 H plus	1,80	550 x 1240 x 70	58,00	450 118 945	1.325,36
TT-KS 2200 H plus	2,20	680 x 1240 x 70	66,00	450 122 945	1.483,34

Discount group TT\_200

All units can also be ordered in IPX4 for a 60.30 Euro surcharge.