SMART HEATING ELEMENT

THE TERMA SMART WI-FI SYSTEM:

— an innovative interior heating system with a self-learning control algorithm,

— the possibility of creating an individual configuration based on three types of devices and two types of sensors,

— a set of tools facilitating conscious energy management and savings, such as predefined system operation modes, individual schedules or window opening control,

— active adjustment of operating parameters to weather conditions,

— intelligent reduction of the temperature in an empty house and raising it when residents return home;

— possibility of remote control over the system operation via the Internet,

— Child lock function (parental control) for all devices,

— no need to install an expensive module for communication between devices.

FUNCTIONS AND FEATURES

The solution used in the Smart Veo series is based on the separation of the heating element and the controller. The heating element itself is screwed into the radiator in a 'standard' way with a 24 mm spanner, and then the controller is attached to it, by means of the connector making it possible to set it at any angle. The Smart element is hidden entirely in the controller housing and only the controller remains visible.

SPECIFICATIONS

— Easy and safe installation
— Easiness of disconnecting the controller, e.g. during renovation
— Possibility of adjusting the angle of the controller relative to the front of the radiator
   (can be rotated in the range of 340°)
— The Smart Split connector allows you to connect the controller to a Smart heating element of any power
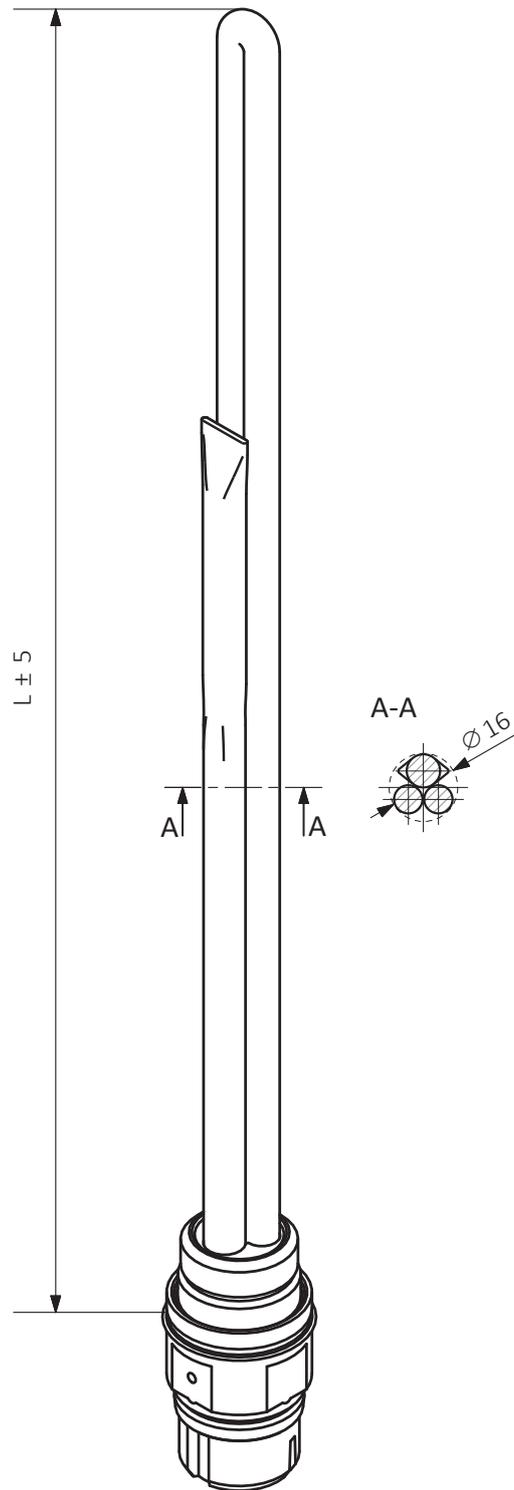   ranging from 120 to 2000 W.

TECHNICAL DATA

Power Supply: 230 V / 50 Hz
Device protection class: Class I

SAMPLE PRODUCT CODE
WESS101 K---D

SS1	– model code	**K**	– packaging code (cardboard)
01	– Power of the heating element (120 W)	**D**	– Split connector code

TECHNICAL DRAWING

L (mm)	325	285	310	345	375	485	575	880	1015	1150
Power (W)	120	200	300	400	600	800	1000	1500	1800	2000

TERMA SMART

TAILOR-MADE APPLICATION

Allows the comfort of remote management of each Terma Smart wi-fi heating device.

Makes it easier to manage home by dividing it into heating zones and setting separate system operating parameters for each of them.

Provides measurable economic benefits through easy optimization of energy consumption for heating the house. Helps to maintain high thermal comfort at all times by means of work schedules adjusted to individual needs.

Allows easy monitoring of the operation of devices throughout the home.

Allows easy monitoring of the costs generated by the system.

Allows the integration of any number of heating devices, which makes it a perfect room temperature management system in flats and apartments.

SAFETY AND SMART OPTION

User safety is ensured by drivers based on temperature control algorithms, and each heating device has a type-specific thermal protection to prevent overheating. The AntiFrost protection function and the (optional) window opening sensor remain active in the background.

The self-learning Early Start function and the three operating modes (Comfort, Balanced and Economic) support the individual preferences of the user. The SMART location function reduces the temperature in each room whenever all the inhabitants leave the house.