

## Sachverständige Stelle für Heizkostenverteiler A1 Competent body for heat cost allocators A1

In advance confirmation of the test of heat cost allocators with electrical power supply  
acc. to DIN EN 834: 2017-02. No. SM20 H009PU

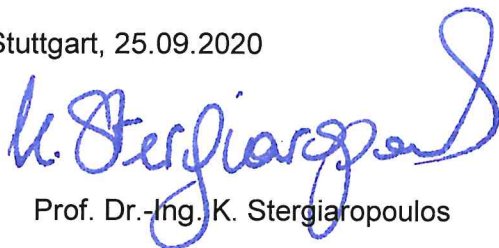
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|---|---|--|---|
| 1 | Laboratory:                             | Universität Stuttgart,<br>IGTE – Institut für Gebäudeenergetik,<br>Thermotechnik und Energiespeicherung<br>Pfaffenwaldring 35<br>D - 70569 Stuttgart |   |
| – | 2                                       | Applicant:   | Teplovodokhran Ltd.<br>Novaya 51b<br>39027 Ryazan<br>Russia |
| 3 | Manufacturer:                           | the applicant  |   |
| 4 | Brand name(s):                          | <b>Pulsar</b><br>compact version   |   |
| 5 | Description of the heat cost allocators | page 2   |   |

### Result:

The heat cost allocators mentioned in paragraph 4 fulfill the requirements of the standard  
EN 834: 2017-02.

The HKVO<sup>1</sup>-identification for all appliances is: A1.01.2020.

Stuttgart, 25.09.2020

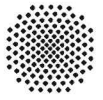


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<sup>1</sup> Heizkostenverordnung



## 5 Description of the heat cost allocators

The heat cost allocators can be programmed for the 1-sensor-mode as well as for the 2-sensor-mode. The device displays the mode settings

Device type:	Compact version
Measuring method	1-sensor method 2-sensor method
Measurement output:	Local on the display and via radio
Display values:	Non-rated, rated
Basic conditions:	$T_m = 55^\circ\text{C}$ , $T_L = 20^\circ\text{C}$
Upper temperature limit $t_{\max}$ :	95°C for the compact version
Lower temperature limit $t_{\min}$ :	55°C 1-sensor 35°C 2-sensor
Counting start temperature:	2-sensor-method $\Delta T_z \leq 3,0 \text{ K}$ 1-sensor-method $\leq 28 \text{ }^\circ\text{C}$ depending on c-factor
Power supply:	CR 2/3 AZ (3V-Lithium) 1,600 mAh