

HEATING ELEMENT WITH REGULATION TRG 20

type TRG 20
1 500 - 12 000W



DESCRIPTION:

- heating element with inbuilt regulation including thermal fuse
- connection material: brass with nickel plating
- rods material: brass/copper with nickel plating

APPLICATION:

- photovoltaic systems
 - storage tanks
 - energy
 - heating
- bivalent source

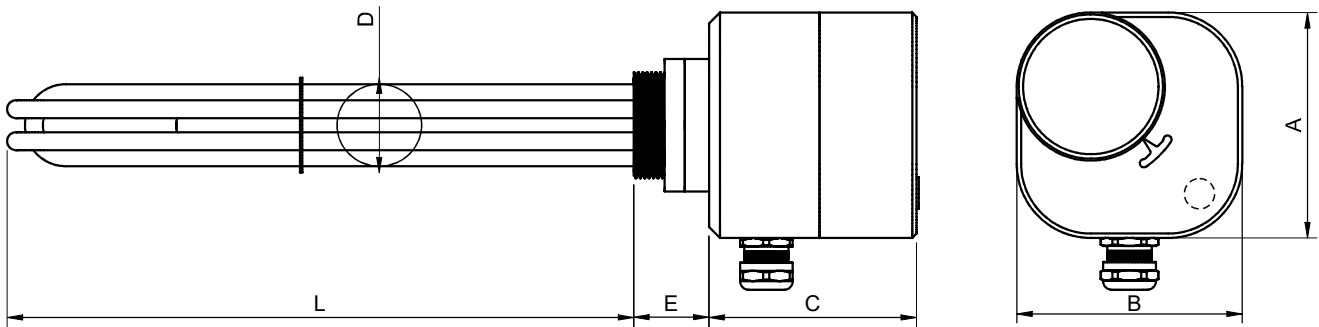
TECHNICAL PARAMETERS:

- power: 1 500, 2 000, 2 400, 3 000, 4 500, 6 000, 7 500, 9 000, 12 000W
- regulatory range/ T thermal fuse: 7-77°C/99°C
- connection thread: G6/4" / M48x2
 - power supply: 230/400V
 - non-heating part: 100 mm (suitable for tanks with insulation)
 - protection: IP 44

SPECIFICATION:

The heating element consists of two parts: the heating part consists of three U-shaped copper heating rods attached to a brass flange with G6/4" thread. To ensure durability, the heating part is nickel-plated. The regulation part is placed in a plastic (ABS) case, which includes a capillary thermostat in the specified temperature range and a thermal fuse protecting against overheating of the heating element, a glow lamp indicating the status (heating/not heating) and a control knob with a marked scale. The electrical connection is possible via an electrical bushing. The heating element is intended for direct heating of liquids in water tanks. The heating element must be constantly immersed up to the head in the liquid. The heating element is suitable as a bivalent source when used in photovoltaic systems. Suitable for use where it is necessary to immediately regulate the temperature of the liquid.

| Power (W) | Power supply (V) | Immersion length L | Connection thread | Material | Regulatory range / thermal fuse |
|-----------|------------------|--------------------|-------------------|---------------|---------------------------------|
| 1500 | 230/400 | 290 | M48x2, G 6/4'' | Brass, copper | 7-77°C / 99°C |
| 2000 | 230/400 | 290 | | | |
| 2400 | 230/400 | 390 | | | |
| 3000 | 230/400 | 390 | | | |
| 4000 | 230/400 | 433 | | | |
| 4500 | 230/400 | 433 | | | |
| 6000 | 230/400 | 528 | | | |
| 7500 | 3x400 | 650 | | | |
| 9000 | 3x400 | 720 | | | |
| 12000 | 3x400 | 850 | | | |



| Dimensions in mm | | | | | | |
|------------------|-----|-----|----|----|----|-----------------------------------|
| Type | A | B | C | D | E | L |
| TRG 20 | 102 | 102 | 94 | 38 | 34 | 290, 390, 433, 528, 650, 720, 850 |