

SOLAR HEATING ROD DATASHEET

PRODUCT NAME:

Solar-Heizstab 550 W

PRODUCT MODEL:

ROD-550

CATEGORY:

Heating rod



PRODUCT DESCRIPTION

The fothermo solar heating rod makes existing hot water storage tanks suitable for solar hot water preparation. This allows the daily hot water demand to be supported with self-generated solar energy and reduces the use of gas, oil or grid electricity. In most cases, the existing tank can continue to be used – a practical solution for sustainable retrofitting.

KEY FEATURES

- Suitable for standard hot water storage tanks
- No inverter or battery required
- Existing heating systems can continue to be used
- Automatic heating shutdown at maximum temperature

TECHNICAL DATA

Parameter	Details
Max. PV heating power	550 W
Temperature range	5 - 85 °C
Water connection	G 1½" (M)
Recommended PV voltage	32–40 V
PV module connection	MC4 solar connector
IP protection class	IP24
CE certification	✓
Reverse polarity protection	✓
Digital display	✓
Color	Black
Weight	0,8 kg
Warranty	2 years
External output	✗

SIMPLE.

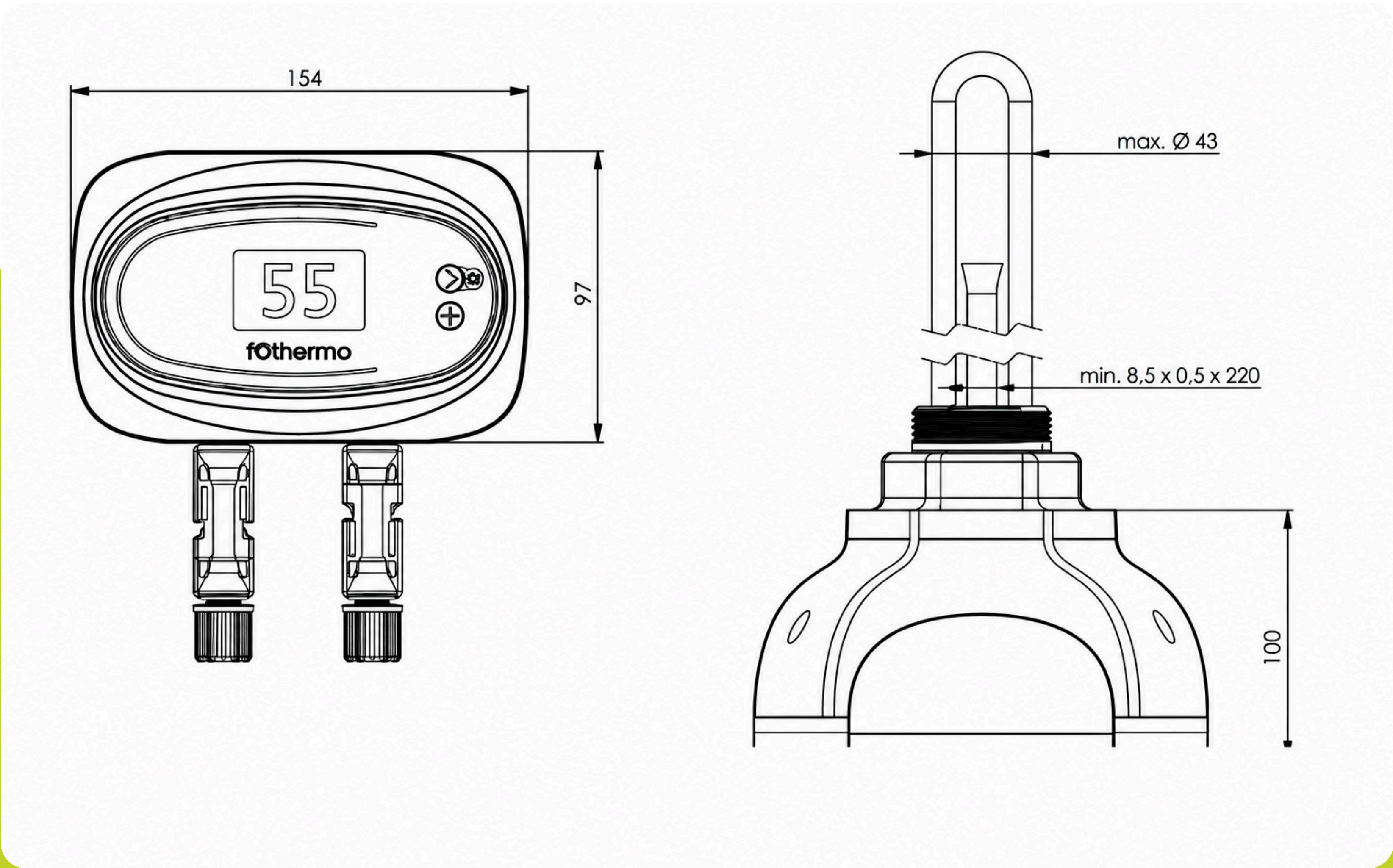
- Plug-and-play PV connection
- Direct connection of PV modules
- Easy retrofitting of existing storage tanks

ECONOMICAL.

- Uses free solar energy
- Reduces hot water costs
- Reduces energy drawn from the grid

INDEPENDENT.

- Solar hot water directly on site
- Also suitable for fossil-fuel storage tanks
- Less dependence on gas and oil



PERFORMANCE FEATURES

Property	HROD-550
Recommended PV power	800 W – 1600 W
Max. PV power	2.000 Wp
Max. photovoltaic current input	15.5 A automatic current limitation (DC)
Max. open-circuit voltage (Voc)	50 V
Heating rod length	30 cm
Total heating rod length	47 cm
Housing dimensions (L × W × H)	10 × 15,4 × 9,7 cm
Weight	0,8 kg
Storage temperature	–20 bis +70 °C