

Immersion Heater 3/9 kW for hot water from photovoltaics

The easiest way to more self-consumption.

For linear power control by Photovoltaic-Power-Manager AC•THOR (3 kW) or AC•THOR 9s (9 kW).

- Manually adjustable target temperature (bimetal thermostat)
- 1,5 inch standard thread
- Single phase or 3-phase

Immersion Heater 9 kW



Immersion Heater 3 kW



Temperature optional

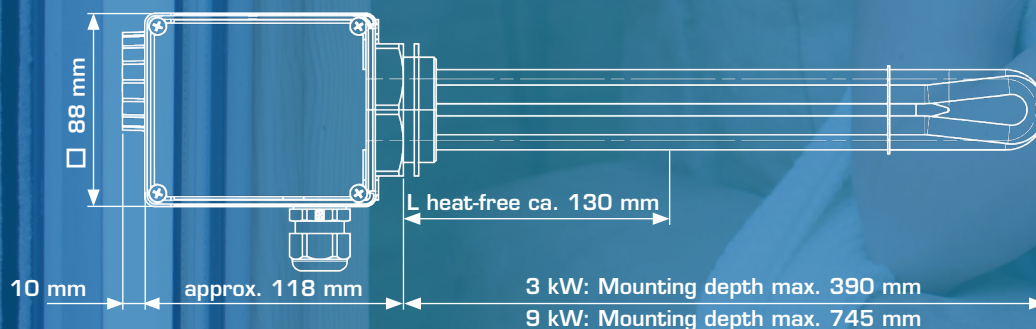
Immersion Heater 3 kW and 9 kW

The immersion heaters were specially developed for use with our photovoltaic power manager AC•THOR (3 kW) and AC•THOR 9s (9 kW) and can be installed in hot water boilers and storage tanks. Due to the special design there are only very low thermal surface loads of the heating elements, which directly contributes to increase the life-span of the product.

A safety temperature limiter is integrated. The desired hot water temperature can be set with a rotary knob.

TECHNICAL SPECIFICATIONS IMMERSION HEATER 3 KW AND 9 KW

	Immersion Heater 3 kW	Immersion Heater 9 kW
Max. power	3.000 W	9.000 W
Heating power	0 - 3.000 W when controlled by AC•THOR	0 - 9.000 W when controlled by AC•THOR 9s
Mains supply	Single-phase, Euro plug, 230 V, 50 Hz	3-phase, 400 V, 50 Hz
Power cord	2,8 m	-
Operating temperature range	Ambient temperature at the housing must not exceed 35 ° C	Ambient temperature at the housing must not exceed 35 ° C
Protection class	IP45	IP45
Dimensions (W x H x D)	88 x 88 x 518 mm	88 x 88 x 873 mm
Weight	1,65 kg	2 kg
Heating rod thread dimension	1 1/2 inch	1 1/2 inch
Heat-free zone	130 mm from sealing level	130 mm from sealing level
Warranty	2 years (except calcification)	2 years (except calcification)
Tightening torque	60 Nm	60 Nm
Max. operating pressure	10 bar	10 bar
Safety temperature limiter	98 ° C	98 ° C
Mounting position	horizontal	horizontal
Target temperature range	approx. 34 - 78 ° C	approx. 34 - 78 ° C



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