MYPV
Empowering the Solar Future

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
- Optionally also without thermostat, only with safety temperature limiter

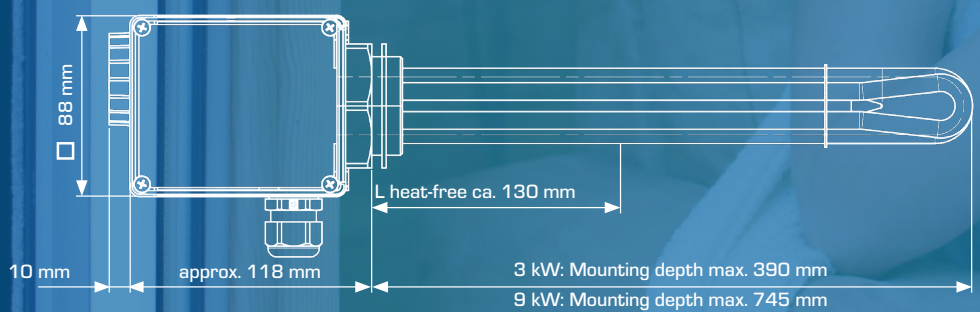


Immersion Heater 3 kW and 9 kW

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 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.
In some projects higher temperatures are desired, for example, when a buffer tank is to be charged to over 90°C. For this purpose, the immersion heaters are also available without a thermostat, only with a safety temperature limiter. **To end the heating process, the temperature sensor supplied with the AC•THOR and AC•THOR 9s must then be used in any case.**

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, 3 x 230 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 Version without thermostat	approx. 98 °C approx. 96 °C - 105 °C	approx. 98 °C approx. 96 °C - 105 °C
Mounting position	horizontal	horizontal
Target temperature with thermostat	approx. 34 - 78 °C	approx. 34 - 78 °C
Target temperature without thermostat	according to AC • THOR setting	according to AC • THOR setting



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Subject to changes. Photos and graphics: stock.adobe.com, my-PV