

# BACKER SUBMERSIBLE OIL HEATER



## Properties

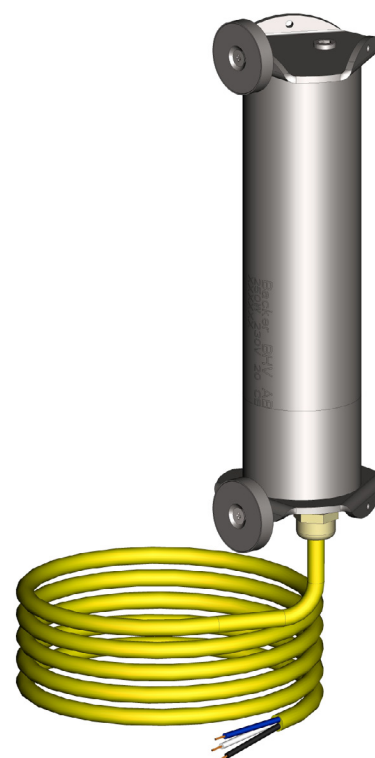
Backer standard range of submersible oil heaters in stock are suitable for heating of hydraulic oil in tanks to preheat and reduce eventually water content in the oil that will minimize wear of the hydraulic system.

The heaters could advantageously also be used to heat up other liquids.

The oil heaters are equipped with integrated magnets to ensure simple attachment for instance in bottom of an existing tank and therefore no need for permanent installation. The design allows simple installation without having to empty, weld and clean the tank when installing a heater.

## Technical specification

Material	Stainless steel EN 1.4301/AISI 304 Ceramic heater
Electric connection	Cable 3x1,0 mm <sup>2</sup> length 4 meter
Assembly	Fixing by integrated magnets in bottom only i.e. no need for permanent installation Wire pull with press lock in stainless steel included. Recommended if regularly lifting in and out from tank
Protection class	IP 55
Standards	CE marked acc. to LVD 2006/95/EC, EN 60335-1
Power tolerance	+5% / -10%
Surface power	Approx. 0,9 W/cm <sup>2</sup>
Weight	1.4-3.1 kg depending on model
Security	Heater should be min. 3 cm below fluid surface during use Not to be used in fluids having a flame point below 190°C All electric connections and energizing components, must be done by a qualified electrician.



## Standard assortment

Power W	Voltage V	Cut-off temp ±3 °C	Switch-on- temp °C	LxHxØ mm	Article no
250	230	40	225x74x67	≥30	6150432301
500	230	40	325x74x67	≥30	6150432302
1000	230	40	525x74x67	≥30	6150432303
250	230	20	225x74x67	12±3	6150432304
500	230	20	325x74x67	12±3	6150432305
1000	230	20	525x74x67	12±3	6150432306
250	24	20	225x74x67	12±3	6150432307
250	24	40	225x74x67	≥30	6150432308

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