

BACKER IMMERSION HEATERS FOR OIL HEATING WITH ELEMENT TUBES IN ACIDPROOF STAINLESS STEEL



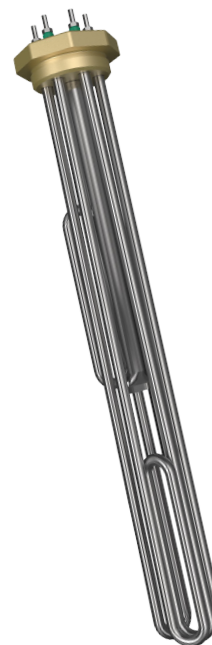
Properties

Backer standard range of screw plug immersion/ insertion heaters in stock are suitable as heat sources for instance in tanks, tubes, industrial baths and some applications at forced air heating.

The heaters consists of 3 pieces Backer tubular heating elements soldered to a screw plug. It could be fitted with different accessories such as terminal box, thermostat, safety temperature limiter, tube and insulation for flow-through heater, socket key for assembly, etc.

Technical specification

Material	Tubular elements Ø8,5 mm in acidproof stainless steel EN 1.4404/AISI 316L Screw plug G2" (R50, 60 mm) in brass Tube for thermostat/temp.limiter Ø12x0,7 length 260 mm
Inactive length	100±10 mm
Electric connection	M4
Assembly	Kit with gasket and connection parts included
Max working temperature	120°C
Max working pressure	9 bar
Manufacturing standard	Backer 40579311 CE
Standards	SS 4330701, SS-EN 60335-1, UL-1030, ISO 6469-3
Power tolerance	+5% / -10%
Surface power density	Approx. 2,7 W/cm ²



Type OE31-39

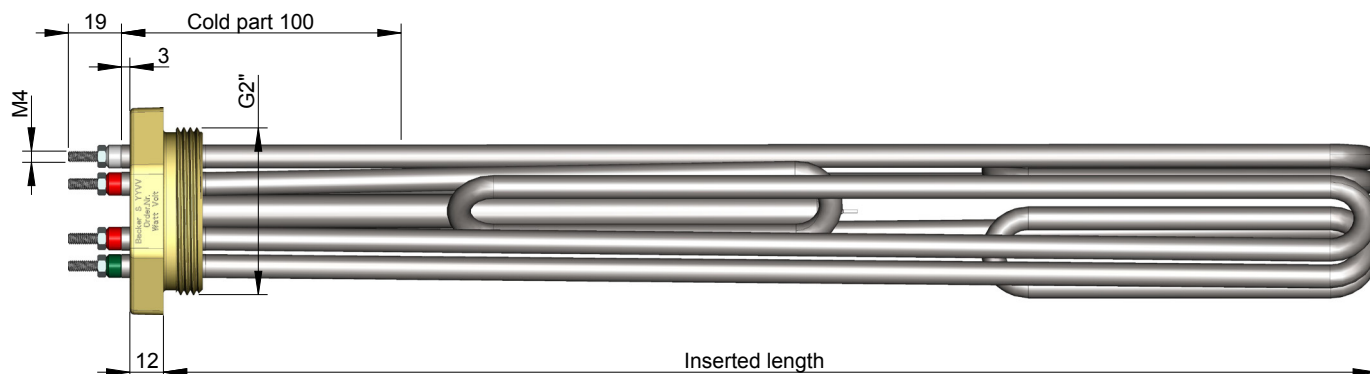
Standard assortment

Type OE	Power W	Voltage V	Insertion length Max mm	Article no
OE31	1000	230/400	270	2530341405
OE33	2000	230/400	435	2530341401
OE34	3000	230/400	555	2530341402
OE36	4500	230/400	815	2530341403
OE39	6000	230/400	1085	2530341404

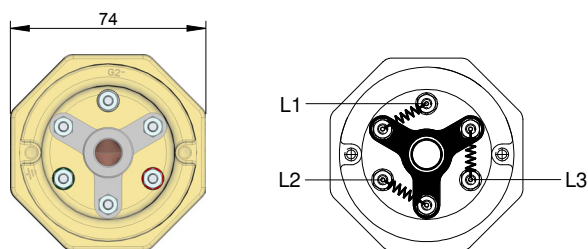
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Circuit diagram/ connection alternatives*



Star connection Y 3x400V

*Electric connection must be performed by an appropriated electrician

Options

Terminal boxes, thermostats and safety temperature limiters, different options

Tube and insulation for flow-through heater, different options

Socket key G2" article no 1160143201

Nut G2" in brass article no 1140485405