

Polaris Popular Tank Heater

High Performance, non-corrodible Electric Tank Heater

The Popular is manufactured from high integrity fluoropolymers to give high performance and the best protection against corrosive solutions

Available with

OTP—Over temperature protection

HPD—hazard protection device

Fitted to order with your heater

0.5kW to 18kW

Single or three phase



Used By

- Steel Strip Manufacturers
- Wire & Tube Manufacturers
- Metal Finishers
- Chemical Plants
- Galvanising Industry
- Aerospace Industry
- Chemical Millers
- Glass Producers

Main Features

- Completely non corrodible
- Easy installation
- High Thermal Efficiency
- Fully flexible Braudeflex cable
- Ultra Low watts density
- Range of power ratings and shapes
- Hanging brackets or standoffs
- Space saver

BRAUDE Products will not corrode

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The Polaris Popular fluoropolymer immersion heaters are designed for use where aggressive chemicals need to be heated to temperatures up to 100°C. All heaters have optimum chemical resistance against corrosion caused by chemicals such as nitric, hydrochloric, sulphuric and hydrofluoric acids, and are inert enough to be used where non-contamination is a requirement.

The element has an open construction to allow free flow of liquid across the surface and to limit solid retention, which is particularly important when used in solutions which generate solid deposition such as Electroless Nickel and Copper plating processes.

The heater is thin enough to fit easily into confined spaces e.g. behind anode baskets.

Technical data

RATING	APPROX PACK WEIGHT	HEATER DIMENSIONS					VOLTAGE		LEAD LENGTHS			
		Low Profile		High Profile		THICKNESS	1 Phase	3 Phase				
		HEIGHT	WIDTH	HEIGHT	WIDTH		230V	400V	2.0M	3.0M	5.0M	8.0M
kW	KG	MM	MM	MM	MM	MM						
0.5	1.5	292	292	292	292	25	✓		✓	✓	✓	✓
1.0	1.5	292	292	292	292	25	✓		✓	✓	✓	✓
1.5	2.0	292	292	292	292	25	✓	✓	✓	✓	✓	✓
2.0	2.5	292	445	445	292	25	✓		✓	✓	✓	✓
3.0	3.0	292	445	445	292	25	✓	✓	✓	✓	✓	✓
4.0	3.5	292	445	445	292	50	✓		✓	✓	✓	✓
4.5	4.0	292	445	445	292	50	✓	✓	✓	✓	✓	✓
6.0	5.0	292	445	445	292	50	✓	✓	✓	✓	✓	✓
9.0	6.0	292	445	445	292	75	✓	✓	✓	✓	✓	✓
12.0	8.0	445	445	445	445	75		✓	✓	✓	✓	✓
15.0	11.0	418	573	573	418	75		✓	✓	✓	✓	✓
18.0	13.0	418	572	572	418	75		✓	✓	✓	✓	✓

All units minimum 50mm of solution above heater height. Hangers and standoffs are supplied with the heater. Add 12.5mm and 25mm respectively to above thicknesses. Baffles are supplied as optional extra.



ROUND



LOW PROFILE



HIGH PROFILE



SQUARE

The Popular is certified to BS EN60519-1:2003 ·
EN60519-2:2006 EN60335-1:2002/A2:2006 ·
EN60335-2-73:2003/A1:2006

Dimensions and details may be subject to alteration
at manufacturers discretion without prior
notification.

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