

BRAUDE

polaris popular



- Completely non-corrodable fluoropolymer element
- High thermal efficiency
- Low watt density
- Easy installation
- Vertical or horizontal mounting
- Range of power ratings to 18kW
- Selection of profiles
- Unaffected by stray currents
- Integral cable up to 12m long
- Space saving design

High Performance Electric Tank Heater

The Polaris Popular is a non corrodable fluoropolymer electric tank heater with a low watt density, available in power ratings from 0.5kW to 18kW, single or three phase.

BRAUDE

Polaris Popular

Non-corrodable Electric Tank Heater

The Polaris Popular is a completely non corrodable fluoropolymer heater designed for highly corrosive solutions. 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 eg. behind anode baskets. The Popular can be supplied with hanging brackets for vertical mounting or standoffs for horizontal mounting. The integral Braudex lead has no junctions and is continuous and flexible

Typical applications: Electroplating, electroless plating, anodising, acid pickling, frost protection for chemical storage tanks, chemical processes, marine water tanks, many more.



Low profile



High profile



Square

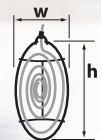
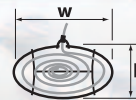


Round



Cylindrical

Power ratings & dimensions



Power kW	Thickness mm	w mm	h mm	w mm	h mm
0.5	25	292	292	-	-
1.0	25	292	292	-	-
1.5	25	445	292	292	445
2.0	25	445	292	292	445
3.0	25	445	292	292	445
4.0	50	445	292	292	445
4.5	50	445	292	292	445
6.0	50*	445	292	292	445
9.0	75	445	292	292	445
12.0	75	445	445	-	-
12.0	50	555	400	400	555
15.0	75	555	400	400	555
18.0	75	555	400	400	555

* 6.0kW three phase: 75mm thick

Single phase 220V - 240V, 3 phase 380V - 415V. non corrodable lead 1.5m standard, 3,5,8,12 m available on most models. Thicknesses exclude hanging brackets, stand-offs and baffles. Polaris Popular is designed to operate continuously at temperatures up to 100°C. For solutions containing chromic salts specify PopularCA.

The Popular has UL (USA) and CE (European) certification.

Installation

The heater may be installed vertically in the tank suspended by the integral hanging brackets which are fully adjustable to suit different tank configurations. Alternatively the heater may be placed horizontally on the tank bottom, kept clear of sludge by the use of stand-offs supplied. (These should be specified when placing the order.)

Exchange Service

If for any reason there is a need to replace your heater outside the scope of the warranty, we can offer an immediate exchange service. Details are available on request.

Alternative models

Cylindrical and other shapes are available in similar power ratings, for use in awkward situations. Please contact us for more details.

Ancillary Items

The Following items are available for use with the heater...

- **HPD Low level cut out:** completely non-corrodable and fitted to the heater
- **Levelmaster:** dual point liquid level controller
- **Thermaster:** temperature controller
- **Tankmaster MP** dual level and temperature controller.
- **Earth leakage circuit breakers (RCD)**
- **MCB's and contactors**

Liberta House · Sandhurst · Berkshire · GU47 8JR · England

Telephone: +44 (0) 1252 876123 • Facsimile: +44 (0) 1252 875281

www.braude.co.uk

sales@braude.co.uk

