

BRAUDE

POLARIS popular cylindrical

Used worldwide by:

- Steel strip manufacturers
- Wire & Tube
- Chemical Plants
- Metal Finishers
- Galvanising
- Glass Producers
- Aerospace Industry
- Chemical Millers

Available in power ratings from 0.5kW to 4.0kW



- Completely non-corrodable
- Easy installation
- High thermal efficiency
- Unaffected by stray currents
- Safety earthing system
- Braudeflex cabling
- Low watts density
- Choice of power rating
- Anti fouling
- Exchange service

High performance, non corrodable electric tank heater

Manufactured from high integrity fluoropolymers to give the best protection against deterioration and high performance in corrosive solutions. The element is constructed to provide free flow of fluids across the surface for effective heat transfer and to reduce solid deposition .

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Polaris Popular Cylindrical non corrodable electric immersion heater

**Designed for aggressive chemical solutions requiring economy of space
within the process tank or laboratory scale operations**

The heater is manufactured from high integrity fluoropolymers to give the best protection against deterioration and high performance in corrosive solutions. The element is constructed to provide free flow of fluids across the surface for effective heat transfer and to reduce solid deposition which, together with the low watt density, makes the heater especially suitable for sensitive and unstable solutions including those used for electroless nickel and copper plating.

The heater is small enough to fit in corners or recesses within the tank, out of the way of awkward workloads. The Popular Cylindrical can be supplied with an optional adjustable hanging bracket for vertical mounting. The Braudeflex lead has no external joins and is continuous and flexible for ease of installation into new or existing plant.

The Popular is certified to BS EN60519-1:2003 · EN60519-2:2006
EN60335-1:2002/A2:2006 · EN60335-2-73:2003/A1:2006
Available extras: HPD level protection
Available lead lengths: 1.5m, 3m, 5m, 8m
For larger sizes, contact our sales department.

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

Technical Data

Power (kW)	0.5	1.0	1.5	2.0	3.0	4.0
Length (mm)	145	222	325	460	670	920
Diameter (mm)	80	80	80	80	80	80
Voltage (single phase)	230V	230V	230V	230V	230V	230V

Installation

The Popular Cylindrical may be installed vertically in the tank suspended by the integral hanging brackets which are fully adjustable to tank configuration. 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 Popular Cylindrical heater outside the scope of the warranty, we can offer an immediate exchange service. Details are available on request.

Alternative models

Slimline, low profile, high profile and other shapes are available in similar power ratings. Please contact us for more details.

For larger sizes, contact our sales department.

Ancillary Items

The Following items are available from Braude...

- **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**

Braude Systems

...are used by picklers, anodisers, chemical etchers and millers, steel strip, tube and wire producers, electroplaters and metal depositors, aerospace, chemical plants, glassworks.

Braude also produce other non-corrodable equipment for the chemical, metal finishing, metal processing and steel industries in the UK and Overseas.



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