

POLARIS

POPULAR

cylindrical

**High performance
non-corrodable
electric tank heater**

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**



POPULAR cylindrical

non corrodable electric immersion heater

...has been 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** CYLINDRICAL heater has UL (USA) and CE (Europe) certification.



Power Rating (kW)	Length (mm)
0.5	145
1.0	222
1.5	325
2.0	460
3.0	670
4.0	920
Diameter (mm):	80
Available extras:	HPD level protection
Available lead lengths (m):	1.5, 3, 5, 8
Voltage:	230V single phase

For larger sizes, contact our sales department.

Installation

The Popular Cylindrical 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 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.

Ancillary Items

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

HPD Low level

cut out:

Levelmaster:

Thermaster:

Tankmaster:

completely non-corrodable and fitted to the heater
dual point liquid level controller
temperature controller
combined temperature and level controller

Earth leakage circuit breakers (RCD)

MCB's and contactors