



Electric Immersion Heaters

The Polaris Popular, Cylindrical and Modular 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.



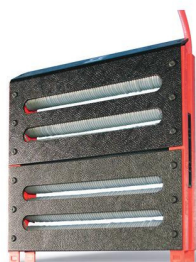
Polaris Popular and Cylindrical

- available from 0.5kW to 18kW output

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 that generate solid deposition such as Electroless Nickel and Copper plating processes.

The **Polaris Popular** is thin enough to fit easily into confined spaces eg. behind anode baskets. The **Polaris Cylindrical** is small enough to fit in corners or recesses within the tank, out of the way of awkward workloads.

Can be supplied with an optional adjustable hanging bracket for vertical mounting, or standoffs for horizontal mounting. The integral Braudeflex lead has no junctions or external joins and is continuous and flexible for ease of installation into new or existing plant.



Polaris Modular

- available from 0.5kW to 12kW output

Small enough to fit behind anode baskets and in other confined operating areas; the Polaris Modular will cope with all the special requirements experienced by the metal finishing and allied industries.



Polaris Triton

- available from 1kW to 4.5kW output

Economical, space saving, chemically resistant. The versatile heater for all your metal finishing and electroplating applications.

Flying lead for easy connection. No exposed joints near surface of liquid. Available in Stainless Steel, Titanium or Teflon finish. Single or three phase.

Polaris Neptune Range

The Polaris Neptune range is available in a wide range of metals from stainless steel, and Inconel™, titanium to Teflon™ sleeved.

Metals are selected on the basis of the chemical in which they are to be used. There is a wide variety of shapes and sizes available allowing heaters to be placed over the top of the tank with flying leads, or flanged to fit through the side.

Other voltages and various shapes are available, please call our sales team for more information.

SINGLE PHASE
230V - 0.5kW to 4kW



THREE PHASE
400V - 1.5kW to 18kW

