

Used worldwide by:

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

POLARIS neptune

500W to 18kW
single or three phase



- Robust Construction
- Stainless Steel, Titanium, Inconel, Teflon covered
- Sizes 0.5kW to 18kW
- Single or three phase
- Resin heater lead connection to IP66 – no exposed joint near the liquid
- Flying lead for easy connection
- Over the side mounting with hanging bracket provided
- Choice of configurations to suit tank
- Compatible with Thermaster and Levelmaster controllers

Tubular MI heaters for most process solutions

Neptune heaters have a large variety of applications and are specially designed to achieve efficient heating. Customised voltage, power output, dimensions and shapes can be manufactured in a short time on request.

Materials: stainless steel 304, 316, 321
Incoloy® 800, 825 • titanium • Teflon® covered.

Polaris Neptune

Tubular MI tank heaters

The Polaris Neptune is a particularly suited to custom tank configurations in less corrosive environments

Neptune heaters are available in single or three phase supply. Standard solution level should be at least 50mm above the hot zone of the heater. Heaters should normally be mounted to the flange of the tank. Where the standard heater dimensions do not suit your tank size heater shapes can be configured to suit. Please provide tank dimensions and solution level; Braude will advise on the most suitable configuration.

The heaters are fitted with resin heads to IP66 completely encapsulating electrical connections and are supplied with a flying lead.

Polished heaters and low watt density models are available for use in solutions that generate deposits.

Heaters for open top tanks

Typical applications: electroplating, anodising processes etc.

These heaters are normally fitted with a resin head to IP66 completely encapsulating the connection and are supplied with a flying lead.

Single phase

0.5kW to 4kW single phase 230V
Other voltages and various shapes are available, please call our sales team for more information.

Three Phase

1.5kW to 18kW three phase 400V
Other voltages are available. There are 2 main styles available, please call our sales team for more information.

Materials: stainless steel, Titanium, Inconel™ and Teflon™ sleeved

Special Heating Elements

Typical applications: hotel frying machines, hotplates, industrial dishwashers, milk fermentation etc.

Our technical department will design and shape your customised element depending on the physical space available and the fluid to be heated.

Materials: stainless steel 304, 316, 321, Incoloy™ 800, 825 and Titanium

Fuel Oil Immersion Heaters

Typical applications: fuel oil tanks, drums, supply tanks etc.

Heaters specifically designed to reduce the viscosity of fuel oil or other fluids when caused by low temperatures. This heater can be completely immersed.

Materials: stainless steel 321 element of 8 or 10mm diameter with carbon steel cover.



We provide complete solutions for all tanks and processes in your plant. Where the standard heater dimensions do not suit your tank size Braude can manufacture or customise heaters to suit. Please provide tank dimensions and solution level and we will advise on the most suitable configuration.

Braude provide temperature and level controllers, and complete control panels for use with your heaters...

THERMASTER

temperature controller with PT100 sensor

LEVELMASTER

liquid level controller

TANKMASTER

combined level and temperature controller

THERMASTER OTP:

over temperature protection

IMPORTANT all immersion heaters must be fully immersed in liquid at all times to avoid dangerous catastrophic failure.