



Circulation Heaters

Argus Heating distribute the Tempco range of self-contained circulation heaters. These high quality heaters are designed for optimum heating performance and efficiency.

Argus Heating can custom design these heaters to suit your specific requirements.

Features

- Circulation heaters can be mounted vertically or horizontally, 2 x threaded mounting lugs are welded to the case to assist with mounting.
- Large range: 3" to 14" flanged immersion heating elements available with 150lb steel or 300lb SS flanges.
- Wattage range: 3kW to 375kW, 3ph supply.
- Watt density range: 1.3W/cm² to 9.3W/cm², product, wattage, and element length determine safe and efficient element watt density.
- Heating elements are easily removed and replaced.
- Argus Heating can provide temperature control systems customised to suit your needs.

Construction

- Materials selected for heating application.
- Vessel material: SA53B or SA106B steel, suitable for operating temperatures up to 399°C.
- Sheath materials: Incoloy 800, 316SS, 304SS, 321SS, copper.
- Flange material: Incoloy 800, 316SS, 304SS, low carbon steel.
- Stainless steel outer jacket for protection.
- Terminal housing: general purpose (NEMA 1), moisture resistant (NEMA 4), explosion proof (NEMA 7).



Tempco circulation heaters are designed for optimum heating performance and efficiency. Source: Tempco.

Applications

Typically used to heat:

- Caustic solutions
- Clean water
- Degreasing oils and solutions
- Deionised water
- Forced air and gases
- Fuel oils
- Heat transfer oils
- Lightweight and medium weight oils
- Liquid paraffin
- Process water

Please contact Argus Heating to discuss your application and heating needs.