



Circulation or Recirculation Heaters



Circulation Heaters

Circulation Heaters are Flanged or Screw plug heaters that are mounted in a pressurized vessel, and are a complete unit for heating flowing gases or liquids. Compact and highly efficient heaters are ideal for side arm or inline applications in either natural circulation or forced/pumped systems. The wide variety of options make Circulation Heaters suitable for most applications like Heating Fuel oil, Air, Steam Superheating, Corrosive gases & liquids, Water and or delicate liquids like brewers grain for Beer.

Circulation Heaters Features:

- High efficiency heat transfer
- Pressure ratings to 600 lbs
- ANSI Standard NPT or ANSI Class 150 connections
- Heaters could be screw plug or flanged
- Stainless steel construction with Canadian Vessel Registration
- Various housing options available NEMA 4, 4X, explosion proof
- Suitable for steam, oils, chemicals, gases, corrosive solutions

Circulation Heaters Specifications / Design Capabilities:

Voltages.120 to 600 Volts
Inlet/outlet.N PT 1 /2" to 2 1/2"
Flanges 2" to 14" 16" to 24" on request
Heater.NPT or flange mount as required
Wattage's.Varied from 150 watts to 1 Megawatt

Sheath Materials. Titanium, Monel, Incoloy, 316/304 Stainless,
Steel Copper, Carbon Steel
Max Temperatures. Incoloy 1600 degrees F (870 C)
304 / 316 Stainless Steel 1200 degrees F (650)
Steel 750 degrees F (400 C) Copper 350 degree F (175 C)
Pressure Rating. 150, 300 or 600 lbs
Flange Materials. Standard Carbon Steel or 316/304 Stainless
Gaskets. Rubber, Asbestos Free, or Spiral wound
Terminal Enclosures. General Purpose (NEMA 1),
Moisture Resistant (NEMA 4), Corrosion
Resistant (NEMA 4X), Explosion Resistant (NEMA 7),
Explosion Moisture Resistant (NEMA 7/4)
Temperature control. Thermocouple, RTD, or Thermostat
High Limit. High Limit Thermocouple, Hi Limit Tstat,
Certification. ASME, CRR, Heater & Vessel certification



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Terms and conditions posted below apply:

<http://www.nphheaters.com/terms.htm>

