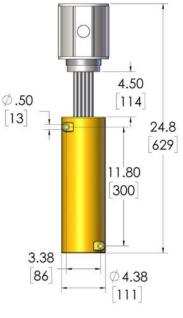
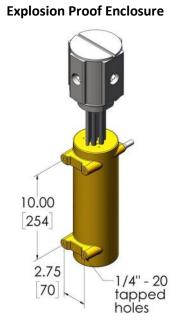
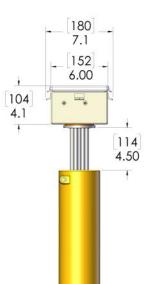
CAST-X High Temp 2000 Circulation Heater











With NEMA 4 Water Resistant Enclosure

SPECIFICATIONS:

Power:

- 1 6 kW
- Voltage Range: 120 480 V

Tubing:

- .50" OD (1/2") (12.7 mm) .065" Wall (1.7 mm)
- Overall Process Tube Length: 150" (381 cm)
- Inconel 625 material
- Max Pressure: 6800 psi (468 bar)

Heater Body Material:

• Cast Bronze

Enclosures:

- Certified Water-Resistant (NEMA 4) NEMA/EEMAC Type 4, 12, 13
 CSA, File No. 42184: Type 4, 12
 IEC 60529, IP66
- Certified Explosion Proof Class 1, Div. 1 & 2, Groups A, B, C, D Class 2, Div. 1 & 2, Groups E, F, G Class 3, Div. 1 & 2

Max Working Temperatures:

- With Water Resistant Enclosure: 1112°F (600°C)
- with Explosion Proof Enclosure: 1112°F (600°C)

Temperature Sensors:

- K or J Type Thermocouple, Single
- K or J Type Thermocouple, Dual Junction (2 wire sets)
- RTD, 100 ohm, 3 wire, Single

Available Accessories:

- Insulating Jacket: Part Number 307-0-29-1
 Temp Rating: 1482°F (800°C)
- Compression Fittings: Part Number 274-55-6-5
 High Pressure Pair (shipped loose), by Swagelok,
 1/2" union compression fitting on each end.

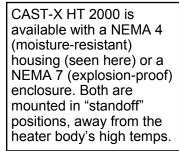


CAST-X High Temp 2000 With Optional Insulating Jacket



CAST-X High Temp 2000 Circulation Heater

Features and Benefits



The exposed portion of the heating element, standing above the body, is not heated, a key safety feature.

CAST-X HT heater bodies are made from cast bronze, for thermal and structural integrity over a long lifespan. 600°C / 1112°F Max Operating Temp: CAST-X High Temp 2000 is one of very few circulation heaters capable of achieving such temperatures.

To facilitate proper temperature control and over-temp protection, CAST-X HT units are available with dual-sensor thermocouples. The TC is located in a thermowell deep within the heater body, for accurate operating temp readings.

High Pressure Compatible Flow-Tubes: Our seamless Inconel 625 flow-tubes are rated to a max pressure of 6800 psi (468 bar), making them compatible with industrial gas, LNG, and cryogenic applications.

Cast Aluminum Solutions. LLC

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