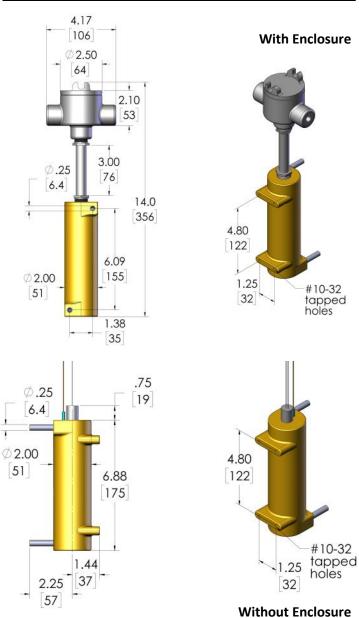
# **CAST-X High Temp 500 Circulation Heater**





# **SPECIFICATIONS:**

#### Power:

- Up to 1500 W
- Voltage Range: 120 480 V

# Tubing:

- .250" OD (1/4") (6.3 mm) .049" Wall (1.2 mm)
- Overall Process Tube Length: 84" (213 cm)
- Inconel 625 material
- Max Pressure: 10700 psi (737 bar)

## **Heater Body Material:**

• Cast Bronze

#### **Enclosures:**

- Certified Water-Resistant (NEMA 4)
   and Explosion Proof (Class 1, Div 1 & 2, Grp. B, C, D;
   Class 2, Div 1, Grp. E, F, G; Class 2 Div 2, Grp. F, G; Class 3)
- No Enclosure Option also available

# Max Working Temperatures:

No Enclosure: 1112°F (600°C)
NEMA 7 Enclosure: 1112°F (600°C)

### Temperature Sensors:

- K or J Type Thermocouple Available (Qty. 1)
- TC is integrated into heating element

### Available Accessories:

- Insulating Jacket: Part Number 307-0-27-1
   Temp Rating: 1482°F (800°C)
- Compression Fittings: Part Number 274-55-6-1
   High Pressure Pair (shipped loose), by Swagelok



CAST-X High Temp 500 With Optional Insulating Jacket



# **CAST-X High Temp 500 Circulation Heater**

# Features and Benefits

CAST-X HT 500 is available with a certified NEMA 7 explosion-proof electric enclosure, positioned in a "standoff" position. It is also available without a housing.

600°C / 1112°F Max Operating Temp: CAST-X High Temp 500 is one of very few circulation heaters capable of achieving such temperatures.

For optimal temperature control and over-temp protection, CAST-X HT 500 is available with a built-in thermocouple.

CAST-X HT heater bodies are made from cast bronze, to maintain thermal and structural integrity over a long lifespan. High Pressure Compatible Flow-Tubes: Our Inconel 625 seamless flow-tubes are capable of maximum pressures up to 10700 psi (737 bar), perfect for many gas processing applications.

**Cast Aluminum Solutions. LLC** 

1310 Kingsland Drive Batavia, IL 60510 - USA

Tel: 630-879-2696 Toll Free: 888-367-3992

 $www. Cast Aluminum Solutions. com\\ Sales @ Cast Aluminum Solutions. com\\$ 

