

Flanged Inline Heater - UHP

Flanged Inline Heater for Ultra High Pressure Process Air or Inert Gases

Specifications

- Inline air/gas heater for extremely high flowrate and pressure applications.
- ASME certified pressure vessel:
 - 10" Incoloy 800HT pipe
 - 10" Incoloy 800 HT Class 1500 flanges
 - Rated for 800 psi (54 BAR) at 1200°F (650°C).
 - Overall length 46.5" (1181mm)
 - Overall diameter 34.5" (876mm) (includes feedthrus)
- Withstands Inlet Air/Gas temperatures to 1100°F (593°C).
- Produces Exit Air/Gas temperatures to 1500°F (816°C).
- Maximum 400kW 480V 3PH 600A power/flow capacity.
- Gas flowrates up to 2000 SCFM (56,600 SLPM / 152 lbs/min (air)).
- Four (4) internal K-type thermocouples for control and safety:
 - Process air temperature (x1)
 - Process air temperature (backup) (x1)
 - Element wire temperature limit (x2)
- Replaceable element cassette
- 600A 480V 3PH SCR power and temperature control system available.
- Will customize to suit application.

