



*SGH Stainless Steel
Gas Heater*

Stainless Steel Gas Heater

Ultra Pure Gas Heating in Compact Design

Heateflex's Stainless Steel Gas Heater utilizes a patented sanitary design to eliminate threads between the heater and the housing. This innovation helps to reduce particle entrapment and provides a cleaner heating process compared to typical stainless-steel heaters using a screw plug design, bulky flanges, or welding the heater shut. The Heateflex Stainless Steel Gas Heater is designed for drying parts and other components that must meet high-levels of purity. The small foot print design allows the heater to easily integrate into a new system or retrofit into a current design.

HIGH-PURITY

- 100% 316L Stainless Steel Wetted Surfaces
- Heats N₂ and other inert gases

PATENTED SANITARY DESIGN

- Patented Sanitary Connection between heater and housing prevents particle entrapment by eliminating threads

COMPACT

- Small Footprint for space saving (13" overall height)
- Easy Integration into new or current systems

MULTIPLE KW AND VOLTAGES

- Application Compatibility with various wattages and voltages

FACILITY DATA

POWER	375 - 3,000 Watts
VOLTAGE	120 - 240 VAC, 1-phase
WETTED SURFACE	316L SS, Electropolished
INPUT/OUTPUT	1/2" Tube (options available)
MAX TEMPERATURE	220°C
PRESSURE RATING	60 PSI at 200°C
STANDARD FLOW	20 SCFM (high flows available)

SAFETY FEATURES

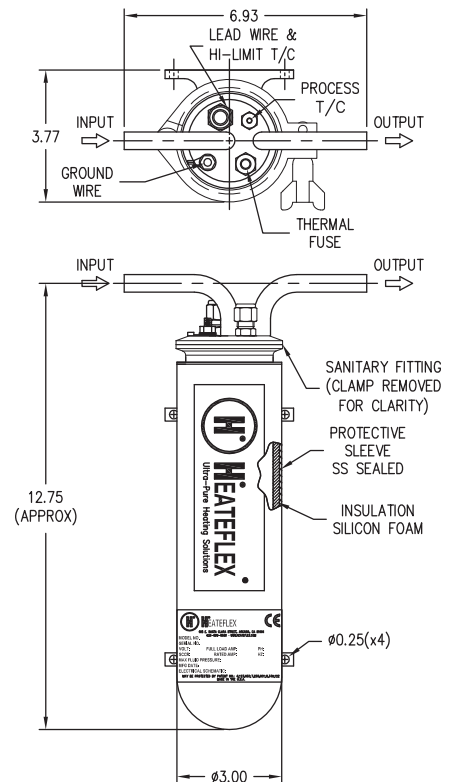
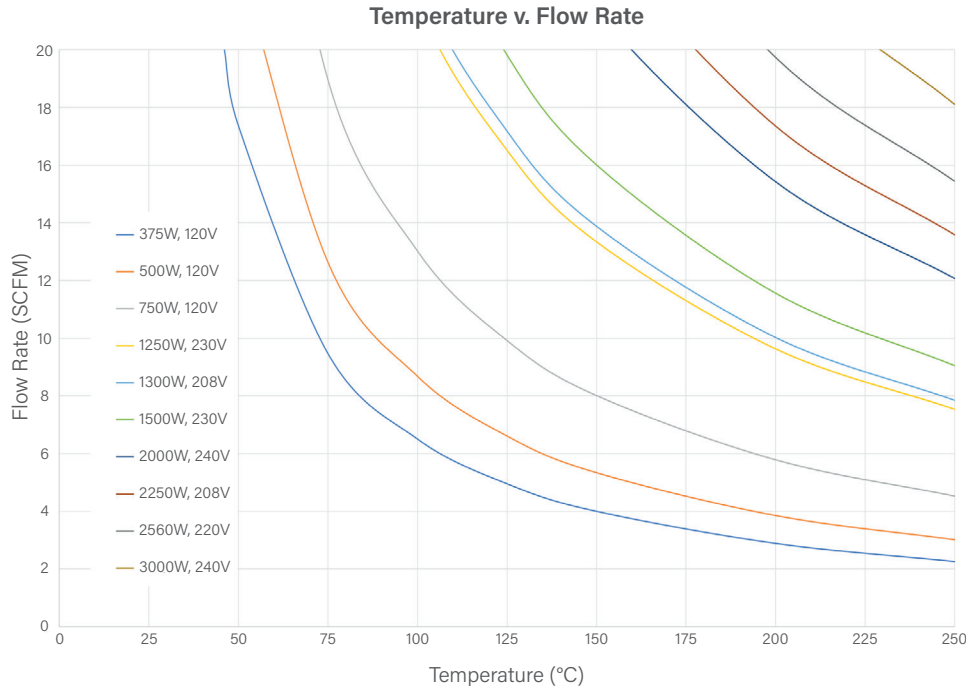
- **Over-Temperature Thermocouple** regulates heater temperature by limiting amount of heat produced
- **Process Thermocouple** ensures fluid temperature is accurately maintained
- **Thermal Cut-Off** ensures heater does not exceed temperature range to prevent overheating
- **Ground Wire Protection** for both the user and heater

OPTIONAL FEATURES

- **Temperature Controls** and electrical components provide a "plug and play" system
- **Multiple Heaters Manifolded** to provide higher wattage and higher flow capabilities
- **Gravity Draining Design** for hygienic applications that require complete drainage
- **Certificates** which include Material Tracking Report and USP VI approval for gaskets



Temperature Controls in Compact Enclosure



Stainless Steel Gas Heater Single Module



Call today for prices and lead times,
or visit us online at www.heateflex.com

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