

Pipeline Heaters:

- Used to heat the gas upstream of pressure regulators and measurement facilities.
- Indoor or outdoor installation. Pipe sizes - 2" through 20" (Contact factory for larger sizes).
- Simple field installation.
- Stainless steel construction.
- Over 40 years of field proven reliability.
- CSA model heaters for use in Class I, Division 1 and 2, Group D locations.
- Specify start-up Voltage.
- Natural Gas, Liquid Propane or butane. Alternate fuel requirements by special order.
- Accessories
 - Fuel gas manifold
 - Regulator



Heater Model	Pipe Size	BTU/HR INPUT
*1-6-24	2"	6,000
2-6-24	2", 3", 4"	12,000
2-12-24	4", 6", 8"	24,000
2-12-36	4", 6", 8", 10"	36,000
2-12-48	4", 6", 8", 10"	48,000
2-12-60	4", 6", 8", 10"	60,000
2-18-36	4", 6", 8", 10"	56,000
2-18-48	4", 6", 8", 10"	74,000
2-18-60	4" - 20"	90,000
2-24-48	4" - 20"	100,000
2-24-60	4" - 20"	120,000
2-24-72	4" - 20"	144,000

BTU inputs listed for Natural Gas fuel

* Stainless steel reflector replaces one heater

Heater Sizing Formula:

Heat Input

$$*Q = M C_p \Delta T$$

Q = Heat input required, in BTU/HR

M = Gas Flow rate in LBS/HR

LBS/HR = (0.0764) (Specific Gravity) (SCFH)

C_p = Specific heat of Gas, BTU/LB/°F.

= 0.55 (adjusted for typical natural gas)

ΔT = Temperature drop due to Regulation, in °F.

= 1°F/15 PSI of pressure drop.

Heat Input

$$Q = M C_p \Delta T$$



* Typically a design factor of 1.3 will be applied to the calculated Q to arrive at final heat input required.