

# Heat, Without the Flame

## EXPLOSION PROOF HEAT

FOR THE NATURAL GAS AND OIL INDUSTRIES.

# PILOT GAS PREHEATER

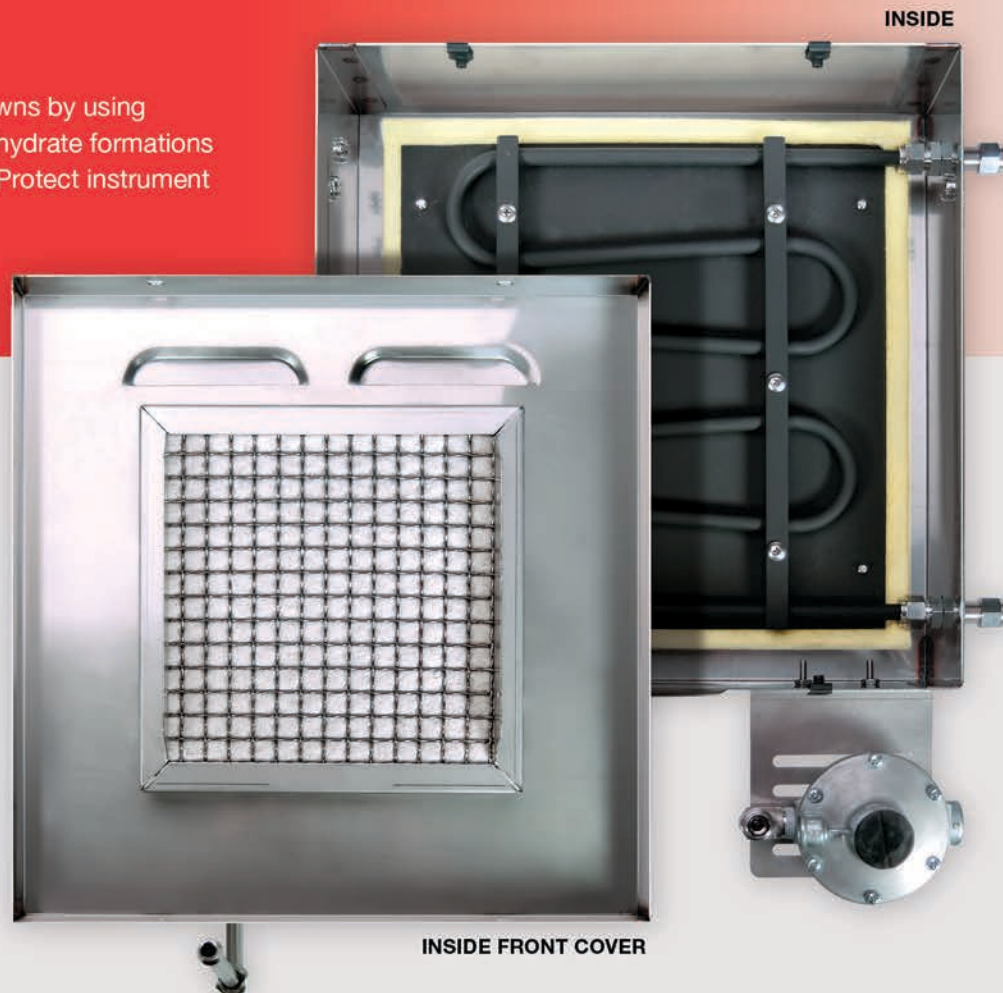
The pilot gas preheater applies direct, radiant heat to a stream of gas that flows through a serpentine heater exchanger tube. The gas runs through the tubing in front of the catalytic heater, maximizing surface area to increase the temperature of

## APPLICATIONS

Avoid costly and dangerous shut downs by using radiant heat to prevent freezing and hydrate formations in gas pressure reduction locations. Protect instrument supply gas for valve actuation, pilot operated regulators, controls, and instrument regulators.

## FEATURES

- Flameless, explosion proof heat for hazardous environments (FM approved)
- Fuel efficient, high performance catalyst
- No moving parts
- Stainless steel construction
- Long-life, catalyst pad
- Pre-set low pressure regulator for fuel gas supply
- $\frac{3}{8}$ " inlet x  $\frac{3}{8}$ " outlet tube fittings



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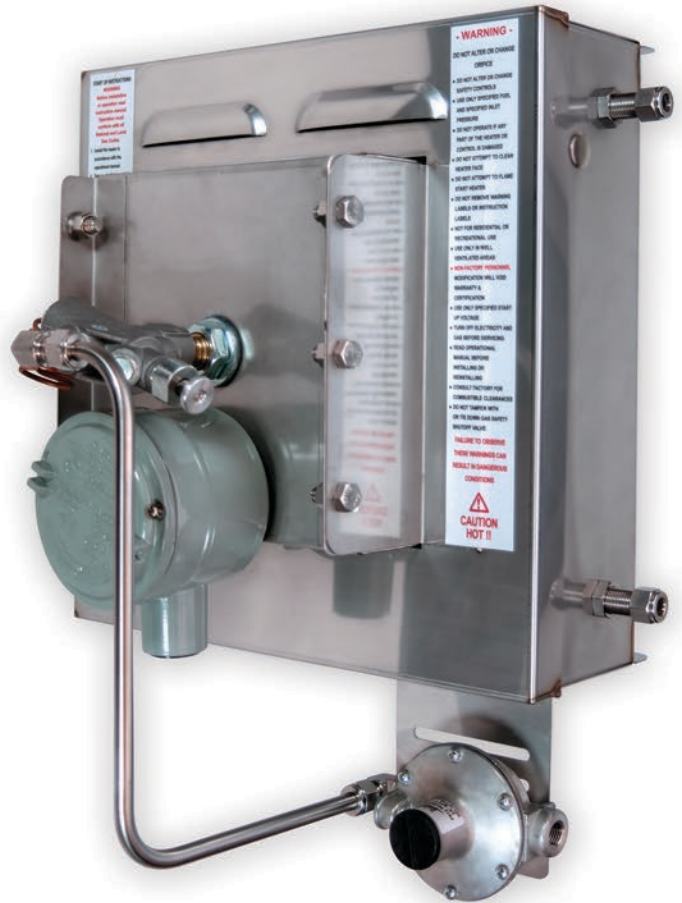
	HEATER STARTER OPTIONS		HEATER SIZE Inches	MAX FUEL INPUT BTU/HR NG	MAX FUEL CONSUMPTION CFH	ENCLOSURE DIMENSIONS	
	12V Amperage	120V Amperage				LENGTH Inches	WIDTH Inches
<b>OPTION A</b>	7.1	0.7	8 x 8	2677	2.8	13 <sup>5</sup> / <sub>8</sub>	13 <sup>5</sup> / <sub>8</sub>
<b>OPTION B</b>	15.0	2.1	12 x 12	6000	6.0	17	17

## ACCESSORIES

- Weather shroud
- Starter cables
- Pipe mount brackets
- Dual cut gas train
- Relief valve

## OPTIONS

- Second coil pass with independent inlet and outlet
- Pre-heat tubing pass for fuel supply gas
- Temperature controller
- Pressure gauge
- High pressure regulator
- Filters/scrubbers for fuel supply gas



## NAMING MATRIX

PGP	08	F	N	S	1	x	x	x	x	x
↑ Pilot Gas Preheater	↑ 08 = 8" x 8" 12 = 12" x 12"	F = FM Approved C = CSA Approved	N = Natural Gas L = LPG	↑ S = Single Pass D = Dual Pass	1 = 12V Start 2 = 120V Start	↑ x = No HP Regulator 3 = HP Regulator, Brass 4 = HP Regulator, SST	↑ x = Filter 5 = Coalescing Filter 6 = Desiccant Filter	↑ x = No Pre-Heat Tube 7 = Pre-Heat Tube	↑ x = No Thermostat 8 = Thermostat	↑ x = No Pressure Gauge 9 = Pressure Gauge