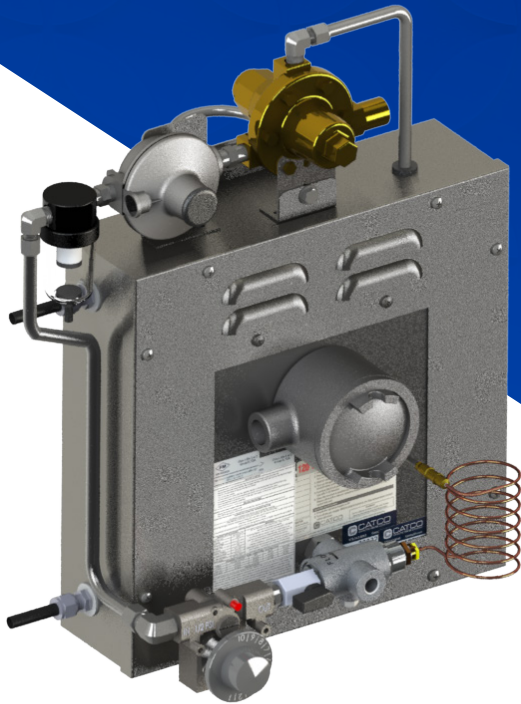


INSTRUMENT GAS HEATER



Catco Instrument Gas Heaters heat low to medium volumes of gas used by pilot-operated regulators and instrumentation.

Our complete assemblies are ideal for providing a source of heated supply gas for equipment such as pilot operated regulators, control valves and other instrumentation.

The gas travels through a heat-exchanger coil which sits in the direct path of infrared heat produced by a Catco catalytic heater. The end result is simple — cold gas in, hot gas out.

Our stainless-steel enclosures are extremely durable and compact, allowing for easy integration into existing systems no matter the conditions.

INSTRUMENT GAS HEATER ADVANTAGES



SIMPLE

- Integration into existing systems can be as simple as three connections — cold gas inlet, hot gas outlet and fuel supply
- No moving parts
- Minimal maintenance

SAFE

- Can be installed in Class 1 Division 1 or 2 Group D hazardous locations
- Low-temperature combustion

EFFICIENT

- Infrared heat efficiently transfers to the heat exchanger

CUSTOMIZABLE

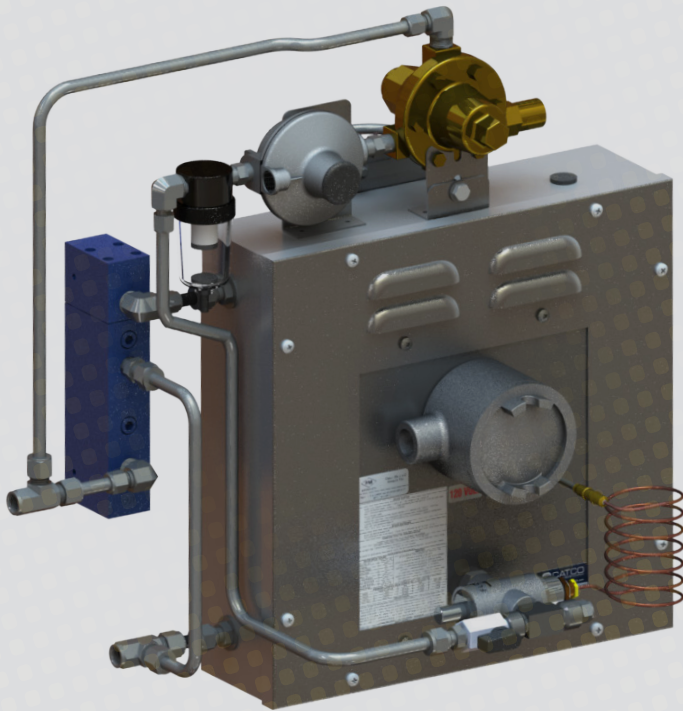
- Larger size heater available for extreme conditions
- Variety of components available to fit application, including dual coils; regulators and relief valves; filters

TEMPERATURE CONTROL

- Control temperature with adjustable thermostats, Catco Steady Heat Controller or Catco Control automated solutions
- Thermostats can decrease heat output ~50% at adjustable setpoint



HOW IT WORKS



1 Cold inlet stream is fed to either connection of the Instrument Gas Heater

2 Gas stream runs into heat exchanger located in front of catalytic heater within Instrument Gas Heater

3 Hot outlet stream exits opposite connection on same side of instrument gas heater

SPECIFICATIONS

- Catalytic Heater nominal pressure — 4.5" WC
- High-pressure regulator max inlet pressure — 5500 psi
- Heat exchanger max working pressure — 2840 psi

ELECTRICAL RATING

- 12VDC
- 24VDC
- 120VAC
- 240VAC



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