

Instrument Gas Preheater

The Cata-Dyne™ instrument gas preheater is the preferred solution for the oil and gas industry providing freeze protection for instrument supply gas, pilot actuated regulators and related applications. The heating unit comes pre-piped in a compact stainless steel casing with a Cata-Dyne™ explosion-proof heater, a stainless steel preheating tube and a regulator. After start-up, these dependable units will continue to supply preheated instrument gas practically maintenance free.

Applications

- prevents freezing at compressor and metering sites where pressures have to be reduced
- often used for gas chromatographs, valves, pilots and other low flow instruments

Features

- Cata-Dyne™ WX or Slim Line explosion-proof, flameless infrared catalytic gas heater
- stainless steel enclosure with both single & dual coil models
- if standard unit is not available, CCI Thermal will design specialty units to meet any project need
- available in both natural gas and propane
- operates for extended periods, without maintenance
- the compact unit helps eliminate the need for a separate facility to keep gas temperatures optimal

Certifications

- CSA, FM and non-certified heaters can be used with the gas preheater system

TABLE 11 Gas Preheaters

Part #		Size
AC-HE-IGP-01	Single Pass	8 x 8
AC-HE-IGP-02	Double Pass	8 x 8
AC-HE-IGP-03	Double Pass	12 x 12
AC-HE-IGP-04	Single Pass	12 x 12



Instrument Gas Preheater

Instrument Gas Preheater Request For Quote Form

Client Information:

Company Name: _____
Address: _____
City, State (Prov): _____
Country, Zip (Postal Code): _____
Contact Name: _____
Phone / Fax: _____
E-mail: _____

Proposal Type Required:

Budgetary Formal Quote
Other: _____
Required Date for Proposal: _____
Anticipated Shipping Date for Project: _____
Project Name: _____
Application Summary: _____

Configuration:

Single Pass 8" x 8" Cata-Dyne™ (3,600 Btu/hr)
 Double Pass 8" x 8" Cata-Dyne™ (3,600 Btu/hr)
 Single Pass 12" x 12" Cata-Dyne™ (5,000 Btu/hr)
 Double Pass 12" x 12" Cata-Dyne™ (5,000 Btu/hr)
 Other With Description: _____

Temperature:

Gas Inlet Before Device: _____ °C/°F
Temp. Limit of Enclosed Device: _____ °C/°F
Gas Outlet After Device: _____ °C/°F

Pressure: (Maximum 3000 psig)

Gas Pressure: _____ psig

Gas Flow:

Maximum: _____ SCFM

Minimum: _____ SCFM

Type of Fluid Being Heated:

Natural Gas LPG Other

Electrical/Controls:

Supply Power: _____ volt/phase

Area of Classification:

Non-Hazardous
or
 Hazardous:
Class:____Div:____, Group:____, "T" Code:____

Options:

High Pressure Ball Valve
 High Pressure Regulator (Fisher 1301)
 Low Pressure Regulator (2511)
 Filter
 H₂S
 Water
 Oil
 Particles
 Filter Bypass Line

Thermostat Control:

High Temperature Controller 15°C - 121°C (60°F - 250°F)
 Temperature Controller 0°C - 43°C (32°F - 110°F)

To receive your enclosure quote,
fax these pages to: **(780) 468-5904**
Attention: Projects