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**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-HE-IGP-01</td>
<td>Single Pass</td>
</tr>
<tr>
<td>AC-HE-IGP-02</td>
<td>Double Pass</td>
</tr>
<tr>
<td>AC-HE-IGP-03</td>
<td>Double Pass</td>
</tr>
<tr>
<td>AC-HE-IGP-04</td>
<td>Single Pass</td>
</tr>
</tbody>
</table>
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