The Pipe Preheater Enclosure is designed to heat gas upstream of valves, chokes, orifice fittings and regulators. Commonly installed in locations where the valves, chokes, orifice fittings and regulators are not easily accessible.

**Features**
- Enclosure comes fully assembled
- Stainless steel enclosures provide added longevity for the harshest environments
- Cata-Dyne™ heaters are CSA or FM certified, available in both natural gas or propane
- Optional thermostats and regulators are available
- Designed to clamp directly to the pipeline, spring clamps make installation easy
- Custom designed enclosure packages available upon request

### Table 7 – Pipe Preheater Enclosures

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>L (in)</td>
</tr>
<tr>
<td>HEA-PP-2X2-2-WX0624</td>
<td>Enclosure, 2&quot; Pipe Preheater</td>
<td>24.000</td>
</tr>
<tr>
<td>HEA-PP-3X3-2-WX1224</td>
<td>Enclosure, 3&quot; Pipe Preheater</td>
<td>24.000</td>
</tr>
<tr>
<td>HEA-PP-4X4-2-WX1224</td>
<td>Enclosure, 4&quot; Pipe Preheater Peeked Top</td>
<td>25.000</td>
</tr>
<tr>
<td>HEA-PP-2X2-2-WX12X24</td>
<td>Enclosure, 2&quot; Pipe Preheater</td>
<td>24.000</td>
</tr>
<tr>
<td>HEA-PP-4X4-2-WX1224</td>
<td>Enclosure, 4&quot; Pipe Preheater</td>
<td>12.625</td>
</tr>
<tr>
<td>HEA-PP-1X1-2-WX1224</td>
<td>Enclosure, 1&quot; Pipe Preheater Rectangular</td>
<td>36.000</td>
</tr>
<tr>
<td>HEA-PP-2X2-2-WX0606</td>
<td>Enclosure, 2&quot; Pipe Preheater c/w Dual Gas Trains</td>
<td>24.000</td>
</tr>
<tr>
<td>HEA-PP-4X4-2-WX1248</td>
<td>Enclosure, 4&quot; Pipe Preheater</td>
<td>51.000</td>
</tr>
<tr>
<td>HEA-PP-3X3-2-WX1248</td>
<td>Enclosure, 3&quot; Pipe Preheater</td>
<td>51.000</td>
</tr>
<tr>
<td>HEA-PP-1X1-2-WX1248</td>
<td>Enclosure, 1&quot; Pipe Preheater</td>
<td>51.000</td>
</tr>
<tr>
<td>HEA-PP-2X2-2-WX1248</td>
<td>Enclosure, 2&quot; Pipe Preheater,c/w 12x48</td>
<td>48.000</td>
</tr>
<tr>
<td>HEA-PP-1.5X1.5-WX0624</td>
<td>Enclosure, 1.5&quot; Pipe Preheater, Double 6x24 Heaters</td>
<td>24.000</td>
</tr>
</tbody>
</table>

### Model Coding

**HEA**
- **Model Series**
  - HEA - Heater enclosure assembly

**PP**
- **Pipe Preheater**
  - **Pipe Size (in.)**
    - 1 x 1
  - **Inlet x Outlet**
  - **Number of Heaters**

**X**
- **Heater Type**
  - **Heater Voltage**
    - 1 - 12V
    - 2 - 120V
  - **Catalyst Pad**
    - 1 - WX
    - 2 - BX/WXS
  - **Thermal Sensor**
    - 1 - Thermodouple & safety shut-off valve
    - 2 - H19 Thermodouple
  - **Fuel Rating**
    - 1 - Natural Gas (7" W.C.)
    - 2 - Propane (11" W.C.)
    - 3 - Natural Gas (3.5" W.C.)
    - 4 - Natural Gas (4.5" W.C.)
  - **Certification**
    - 0 - None
    - 1 - CSA
    - 2 - FM
  - **Box Bracket Style**
    - 0 - Special
    - 1 - Short side
    - 2 - Long side

**A**
- **Options**
  - A - Appliance regulator (factory matched to heaters)
  - B - Service regulator (low pressure, 250 psig - 11" w.c.)
  - B1 - Service regulator (low pressure, 250 psig - 4" w.c.)
  - C - Service regulator (high pressure, 6000 psig - 50 psi)
  - T - Thermostat [regular, 32°F - 104°F, factory matched to heater(s)]
  - T1 - Thermostat
  - T2 - Thermostat (high temperature, 60°F - 250°F)
  - V - Relief valve (Fisher 289U 5"-25" w.c.)
  - V1 - Relief valve (Fisher H120, 120 psi)
  - G - Pressure gauge

**Note:** Please call factory for other voltages and heater sizes.