NOTES:

1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

Enclosure Dimensions

24.0"
609.6 mm

21.0"
533.4 mm

(22.625")
(574.6 mm)

24.0"
609.6 mm

19.0"
482.6 mm

Heat Trace Vent

Channel Tubing

(35.5")
(901.7 mm)
NOTES:
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

Enclosure Dimensions, Stand Option

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.5&quot; O.C.</td>
<td></td>
</tr>
<tr>
<td>(22.5&quot;)</td>
<td>(567.5 mm)</td>
</tr>
<tr>
<td>(22.625&quot;)</td>
<td>(574.6 mm)</td>
</tr>
<tr>
<td>(30.38&quot;)</td>
<td>(771.652 mm)</td>
</tr>
<tr>
<td>(33.6&quot;)</td>
<td>(853.4 mm)</td>
</tr>
</tbody>
</table>
| (43.8"
(1114.3 mm) |
| (46.0"
(1173.2 mm) |
| (67.505"
(1714.6 mm) |

(4) Holes for attaching Bottle Rack Option (See sheet 12)

9/16 X 1 1/4 Slotted Holes

(6) (30.38") (771.652 mm)
NOTES:

1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

**Pipe Mounting Option:**

1. Mount Optional Channel Tubing to Existing Channel tubing on the enclosure.
2. Slide the two halves of the U-Joint into Channel Tubing.
3. Place on pipe; Bolt together (loosely)
4. Level Unit and tighten U-Joint bolts.

**Optional Pipe Mounting Kit**

P/N: 1582000-014

- (2) Split U-Brackets (W/Hardware)
- (2) Channel Tubes
- (4) Spring Nuts
- (4) Screws
- (4) Washers
- (4) Split Washers
NOTES:

1. **WARNING:** This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.
1. **WARNING:** This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.
NOTES:
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.
2. To access wiring, remove the End Cap of the explosion-proof unit.

To Customer-supplied 120V AC Power Source

Heater
120V AC, 120 WATT, Class 1, Div 1
Totalflow P/N 1800698-001

Electric Environmental Enclosure Wiring
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

NOTES:

Catalytic Environmental Enclosure Option

Filter/Drain Kit P/N: 2103855

Support Bracket

Customer Gas Inlet See Sheet 8

Electrical See Sheet 9

Regulator

Stopcock

Support Bracket

Regulator

Thermostat

Calibration Blend Bottle
P/N: 2103628
Cylinder: M009
Fittings: CGA180
See Sheet 13

Vent Holes

Catalytic heater Element
NOTES:
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

Catalytic Environmental Enclosure:
Adding the Filter/Drain Kit to the Catalytic Heater Option
NOTES:
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.
2. To access wiring, remove the End Cap of the explosion-proof unit.

Catalytic Heater Option
Totalflow P/N 1800582-001
1500 BTU/HR, 12V DC, Bruest # 6-6

From Customer-supplied 12V DC Power Source

Catalytic Heater, Wiring
Sample System Mounting Bracket
P/N 2102113 (-002 configuration shown, for up to three samples)

In the Enclosure, reverse the bracket and mount it upside-down to conserve space.

Calibration Blend Bottle
P/N: 2103628
Cylinder: M009
Fittings: CGA180
See Sheet 13

Mounting the Sample System

NOTES:
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.
NOTES:
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

Adding the NGC

Standard Carrier Gas Bottle
Plus Regulator; CGA 580
W/Relief Valve, W/O Reed Switch:
P/N: 2017225-003
Without Relief Valve, W/Low Pressure Switch:
P/N: 2015388-002

Calibration Blend Bottle
P/N: 2103628
Cylinder: M009
Fittings: CGA180
See Sheet 13

Carrier Gas

From Sample Conditioning Modules
NOTES:

1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

Bottle Rack Option
P/N: 2101076
Note: This option mounts to the side of the stand and not to the Enclosure

Bottle Rack Option
NOTES:

1. **WARNING:** This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product's name tag and national and local codes.

---

**Screw**
(2 places)

**Nut, Lock Washer & Washer**
(2 places)

**Stand**

**Hanging Chains**

**Bottle Rack Option**
P/N: 2101076-002

*Note:* This option mounts to the side of the stand and not to the Enclosure.
NOTES:
1. WARNING: This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product’s name tag and national and local codes.

Calibration Blend Bottle for use W/ 24W X 19D X 21H Environmental Enclosure
P/N: 2103628
Cylinder: M009, Fittings: CGA180

Calibration Gas Bottle Specs