

INSTRUMENT GAS HEATER INSTALLATION

MOUNTING

1. Catco Instrument Gas Heaters include 2" U-Bolts and mounting brackets for easy mounting to a pipe riser, panel or wall.

PROCESS GAS CONNECTIONS

The process gas connection is the gas that is being heated and supplied to the pilot.

1. Select one of top or bottom tubing (**A or B in Figure 1**) on one side of the IGH assembly and connect the high pressure supply line (3/8" Tube connection). Max input: 2840 PSI
2. Remaining tubing on same side will be the outlet (**A or B in Figure 1**). Connect from the outlet of the assembly (3/8" Tube connection) to the inlet on the pilot.
3. If your instrument gas heater includes a dual heat exchange manifold, repeat steps 1 and 2 on the opposite side of the heater (**C and D on Figure 1**).

FUEL GAS CONNECTIONS

The fuel gas connection is for the heater fuel supply.

1. Depending on the instrument gas heater configuration, the location of the fuel gas connection may vary.
2. The connection may be made into the low pressure fuel gas regulator, the high pressure regulator or the preheat tube (**Figure 2**).
3. Alternatively, the connection may not be needed if a steady heat controller and high pressure regulator are present (**Figure 3**).

Figure 1

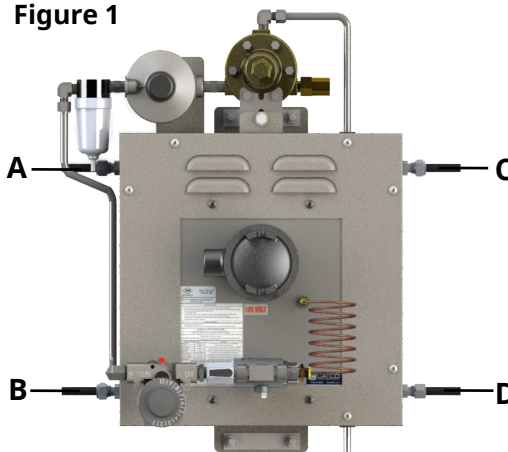


Figure 1:

- A. Inlet/Outlet Connection 1
- B. Outlet/Inlet Connection 1 (opposite of A)
- C. Inlet/Outlet Connection 2 (if applicable)
- D. Outlet/Inlet Connection 2 (opposite of C if applicable)

Figure 2

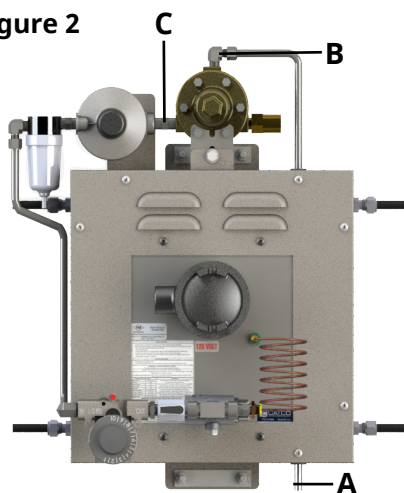


Figure 2:

- A. Preheat tube Inlet
- B. High-pressure Regulator Inlet
- C. Low-pressure Regulator Inlet

Figure 3

