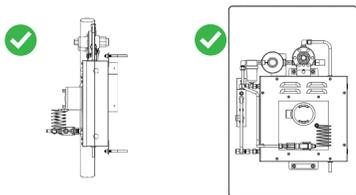
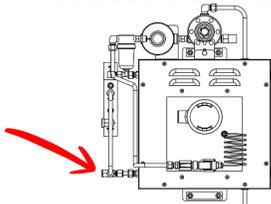


1. MOUNT



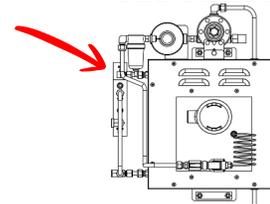
Mount the IGH to a pipe, pole, panel, or wall using the supplied 2-inch U-bolts and mounting brackets. Ensure the heater is securely fastened and properly supported.

2. Connecting the Process Gas Inlet



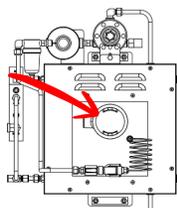
Select either the top or bottom tubing (labeled A or B) on one side of the IGH assembly. Connect the high-pressure supply line (3/8" tube connection, max input: 2840 PSI) to this inlet.

3. Connecting the Process Gas Outlet



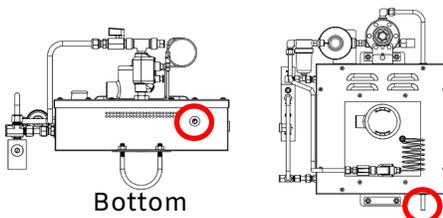
Use the remaining tubing on the same side as the outlet. Connect this outlet (3/8" tube connection) to the inlet on the pilot or downstream equipment.

4. Apply Electrical Power



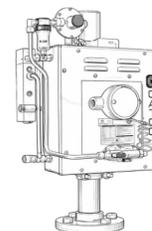
Verify the electrical supply matches the voltage listed on the IGH product label.

5. Fuel Gas Connection



Connect the fuel gas supply line to the IGH fuel gas inlet or regulator assembly. Verify all fittings are tight. Do not open the fuel gas supply yet.

6. Confirm Operation



Slowly open the fuel gas supply to the heater. If equipped with a shutoff valve and thermocouple, press and release the valve button to initiate the catalytic reaction.

Troubleshooting FAQs

FOR MORE INFO VISIT: WWW.CATCOUSA.COM - INFO@CATCOUSA.COM - Support: 888-439-2099

1. Why does the IGH fail to stay lit?

This can occur if gas is not reaching the heater, fuel pressure is incorrect, the thermocouple or shutoff valve is faulty, or the catalyst is wet or damaged.

2. How do I know the heater is working if I can't see anything?

You'll feel steady radiant heat from the face and notice the equipment or workspace warming up.

3. The heater won't run after preheating — what should I do?

Verify that fuel is reaching the heater, the LTSO is opened, wiring is correct, and the heater was preheated long enough.

4. What does the low-temperature shutoff valve do?

It blocks cold fuel until the heater has preheated and must be opened by pressing its button firmly.

5. Do I need to keep electricity connected the whole time?

No, electricity is only required for the preheat phase — once the reaction starts, the heater runs on fuel alone.

6. Do I need to check anything about my gas pressure before starting the heater?

Yes — make sure your natural gas line is supplying about 4.5 inches of water column (W.C.), which is the required operating pressure for proper heater performance.