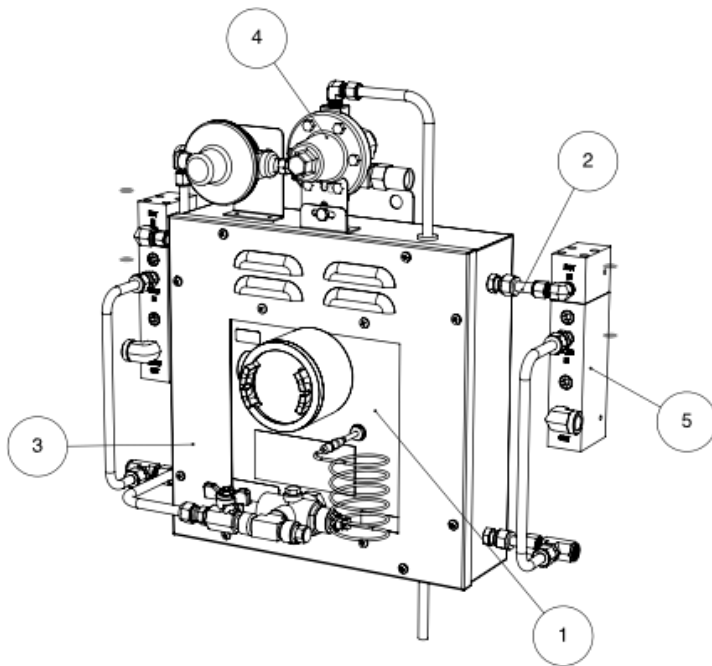


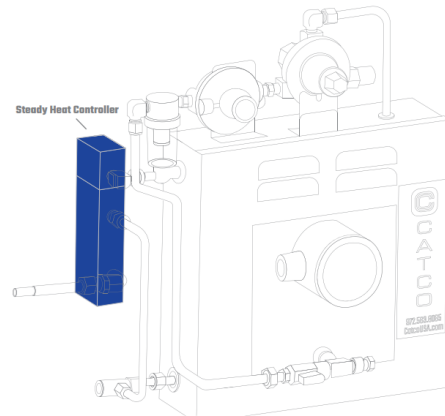
## Product Overview

Catco Instrument Gas Heaters use a catalytic heater to warm gas, air, or other fluids flowing through stainless steel heat exchange tubing. It's commonly used to preheat instrument gas or instrument air streams for pilot operated regulators, valves, and other equipment.



1. A catalytic heater, which is fueled by natural gas but never produces a flame, is the heat source. The standard option is the 2600 Series, which uses a 2667 BTU unit. The 5000 Series is for heavy duty applications and is 5000 BTU/hr.
2. The gas/air/fluid is run through the heat exchange tubing. The Instrument Gas Heater can use a single or dual heat exchange coil to heat one or two streams.
3. The heater and heat exchange tubing are housed inside an insulated stainless steel enclosure that provides weather protection and directs the infrared heat at the heat exchange tubing.
4. The heater fuel supply is managed with the fuel gas manifold. It includes a low pressure regulator, fuel filter, and an optional high pressure regulator with relief valve for two-stage pressure regulation and high pressure installations.
5. Temperature of the gas stream can be controlled directly via a Steady Heat Controller™ (shown above) or indirectly with a thermostat that modulates the heater rating.

## Steady Heat Controller



The Catco Steady Heat Controller controls the temperature of the process stream directly by mixing a hot and cold stream together. The proportion of hot and cold are automatically adjusted to achieve an outlet temperature of 130-140° F which is a safe temperature for most applications.

## Available Models

### Custom Configurations

Catco can configure an instrument gas heater to your exact specifications. Our standard set of options can be configured in over 17,000 different ways, or we can work with you to ensure the product complies with your specific engineering standards.

Contact Catco for more information or to get started on the design of your custom product.

### Standard Configurations

Catco has hundreds of pre-designed configurations including our most popular options shown in the table below.

Model	Heat Exchange Coil		High Pressure Regulator w/ Relief Valve		Temperature Control	
	Single		Brass	SS	SHC <sup>1</sup>	T'stat
26-2617		•	•		•	
26-2703		•		•		•
26-2615	•		•		•	
26-2603		•	•			•
26-2601	•		•			•
26-5003		•	•			•
26-2617		•	•		•	
26-2703		•		•		•

1 - Steady Heat Controller™