

# STEADY HEAT CONTROLLER



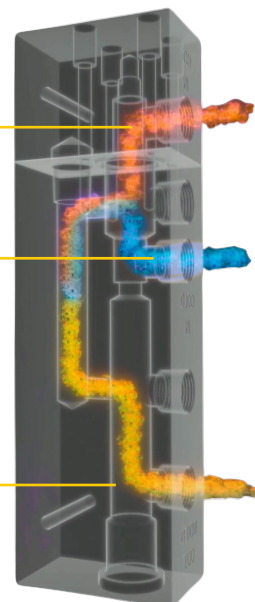
The Steady Heat Controller prevents instrumentation overheating by blending heated natural gas from an Instrument Gas Heater with ambient temperature natural gas to deliver temperature-regulated gas.

With the Steady Heat Controller, equipment damage resulting from excessive pilot gas temperature is a thing of the past.\*



+ Heated Gas  
+ Ambient Temperature Gas

+ Temperature Controlled Gas to Pilot\*



*\*Preliminary tests show an outlet temperature range of 135-140F, and similar results are expected in the field*

## HOW IT WORKS



1

Accepts heated gas stream from instrument gas heater and ambient gas stream from fuel source

2

Mixes hot and ambient inlet streams internally

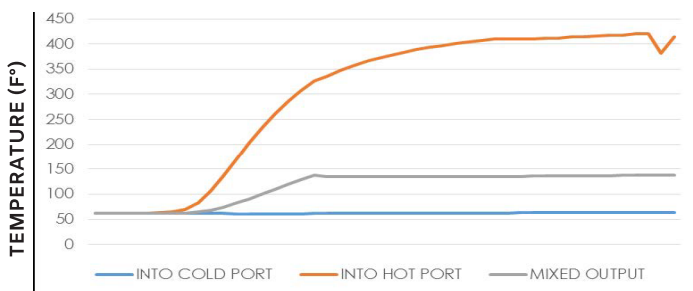
3

Regulates outlet stream temperature by adjusting hot/ambient inlet stream ratio

## STEADY HEAT CONTROLLER FEATURES

- Provides constant temperature-regulated gas to instrumentation at 135-140 F
- Improves reliability and reduces chances of outage by allowing the heater to always run at full capacity.
- Eliminates thermostat and related issues.
- Reduces operating errors by minimizing required interactions such as seasonal adjustments.

### TESTING RESULTS



[info@Catcousa.com](mailto:info@Catcousa.com)

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