

# CATCO HEATED ENCLOSURES

Catco Heated Enclosures are the most efficient form of freeze prevention on the market. Our wide range of heated enclosure packages are used throughout the oil and natural gas industry to directly heat valves and regulators to prevent freezing caused by pressure drops, ambient temperatures or wet gas.



+  
1" or 2" NPT Fisher  
Big Joe/627/630



+  
2" Flanged Fisher  
Big Joe/627



+  
2" NPT Motor Valves



+  
2" Flanged Control Valves

## HEATED ENCLOSURE ADVANTAGES

- Extremely efficient heat transfer
- Simple, quick installation
- 100+ models available, including custom options
- No moving parts, and requires no ongoing maintenance
- Suited for areas where flame or conventional electric heaters are not safe

## VARIABLES

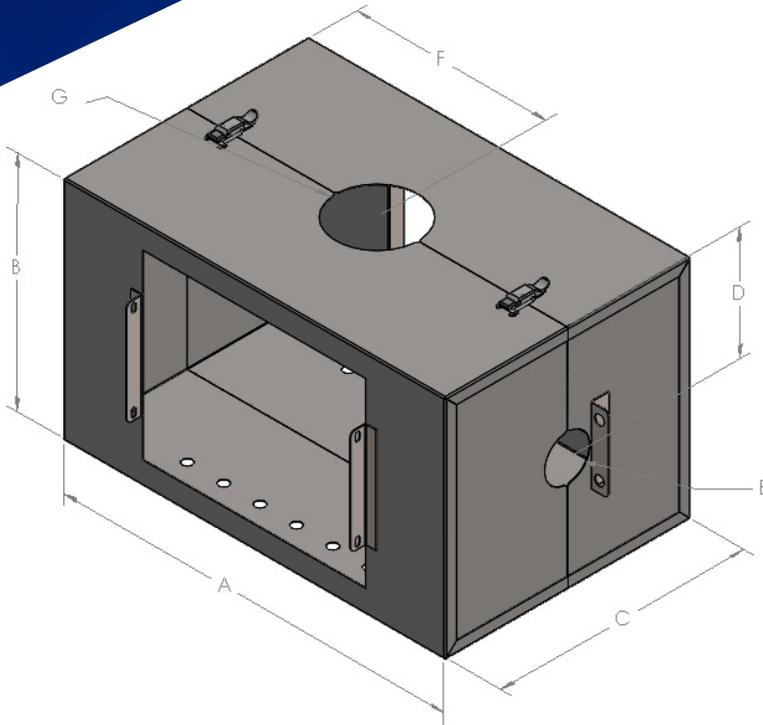
- Enclosure type
- Valve size and shape
- Gas type
- Power supply
- Hazardous area requirements

## HOW IT WORKS

- A catalytic heater is mounted in a stainless steel enclosure around a valve or regulator
- Catco heaters generate heat using a completely flameless and relatively low temperature chemical reaction

## ADDITIONAL HEATED ENCLOSURES

- 1" NPT Kimray Motor Valve
- 1" NPT Fisher D4
- 2" Chokes
- High Pressure Instrumentation Regulators
- 2" Kimray Regulators and Backpressure Valves
- 2" Flanged 150RF-600RF Fisher Big Joe 627
- 4" Flanged Fisher D/E Body



# CUSTOM ENCLOSURE SPEC SHEET

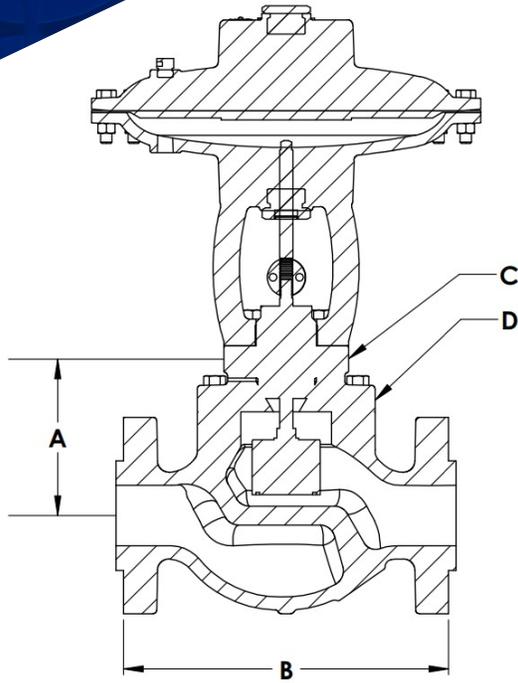
Unlike our competitors, Catco is able to customize heated enclosures to fit your needs.

Please see the examples and forms below to provide your exact specifications.

A. Length	
B. Height	
C. Width (Please allow 4 1/4" for heaters)	
D. Distance from center of pipe to top of enclosure	
E. Pipe Size	
F. Distance from edge of enclosure to cent of top hole	
G. Diameter of top hole (to allow for neck of valve)	

## ADDITIONAL INFORMATION:

1. Starting voltage of heater	
2. Hazardous area requirement	



# CUSTOM ENCLOSURE FOR A VALVE SPEC SHEET

Unlike our competitors, Catco is able to customize heated enclosures to fit your needs.

Please see the examples and forms below to provide your exact specifications.

A. Distance from center of valve body to valve neck

B. Length of valve body

C. Diameter of valve neck

D. Diameter of top flange

## ADDITIONAL INFORMATION:

1. Make and model of valve/regulator

2. Pipe size of body if NPT

3. If flanged, size and class

4. Starting voltage of heater

5. Hazardous area requirements

6. Please list any external components such as tubing, drip pots, or devices not related to the valve that could cause an interference