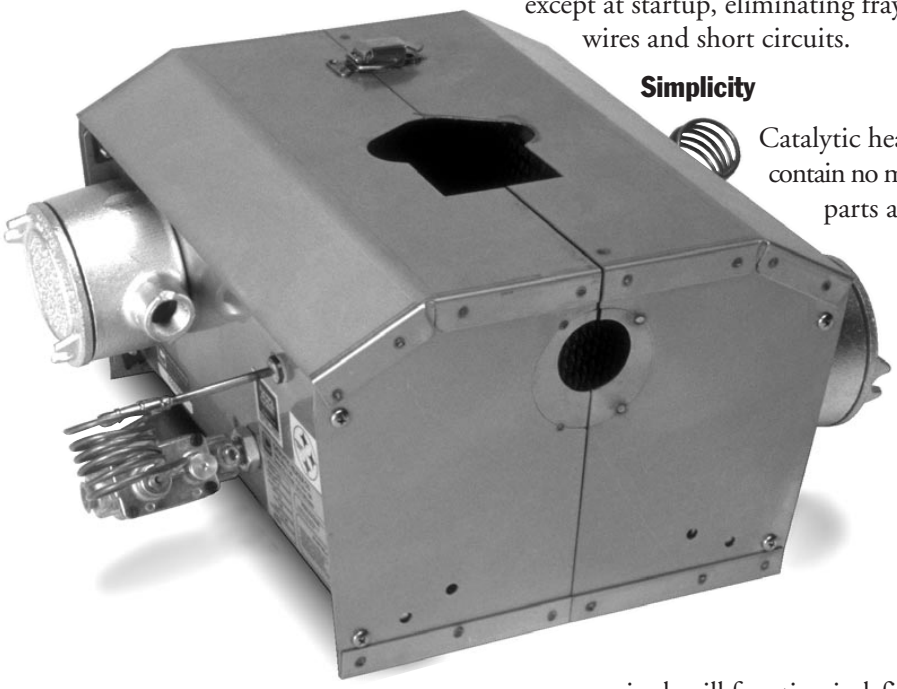
CATCO
CATALYTIC HEATER COMPANY

SLANT SIDE ENCLOSURES *For Fisher 620/630 Series Regulators*

ENCLOSURES FOR FISHER 620/630 SERIES REGULATORS

Fisher 620 and 630 series regulators are common to many field applications. Often used in sensitive or critical applications, freeze protection is usually a high priority. Catco manufactures a number of slant side enclosures specifically designed for Fisher 620 and 630 series regulators.



ADVANTAGES OF CATALYTIC HEAT

Efficiency

Catalytic heaters generate radiant (infra-red) energy which can be directed on a particular object or target. Energy is not wasted on heating other objects or the air surrounding them.

Safety

Using the principle of catalytic combustion, catalytic heaters operate at a surface temperature of 600-800 F° (degrees Fahrenheit), much lower than an open flame (approximately 1300 F°). They are a safe source of heat in areas where there are potential fire hazards from combustible gasses or liquids. They require no electrical connections, except at startup, eliminating frayed wires and short circuits.

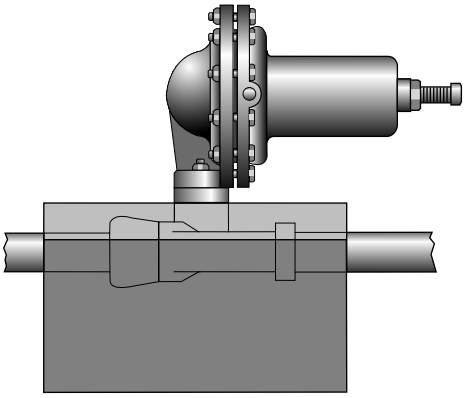
Simplicity

Catalytic heaters contain no moving parts and, once energized, will function indefinitely as long as adequate supplies of air and clean fuel are provided. These factors make catalytic heaters ideal for remote applications.

DESIGN CONSIDERATIONS

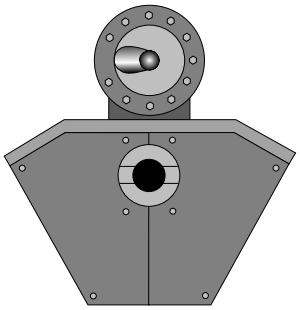
Design of the Fisher 620/630 series regulators requires special consideration when applying catalytic heat:

- The spring case or diaphragm area can be damaged by high temperatures and should be located outside the area where heat is being concentrated. Location outside the enclosure area also makes it readily accessible for servicing and adjustment.



Diaphragm area is positioned outside the enclosure

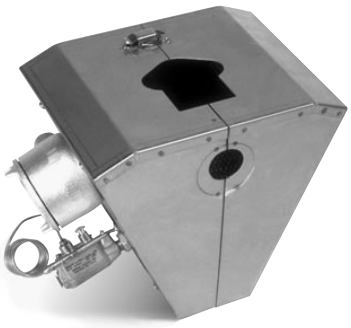
- The body length is short and must be located high in the enclosure area. CATCO SLANT SIDE enclosure packages place the heaters underneath and close to the regulator body for maximum heat transfer.



Heater positioned for maximum radiation into valve body

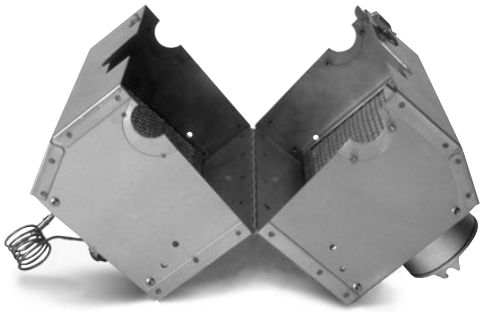
Available Models

Model 70-020



Model 70-019

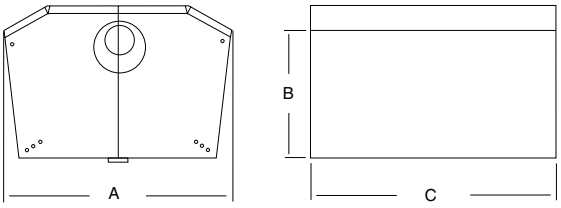
Model 70-015



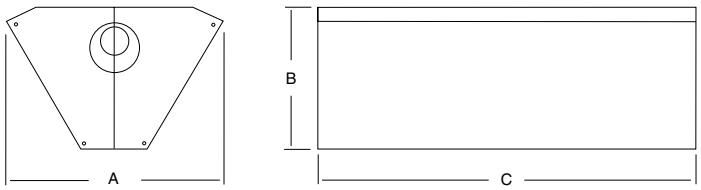
Easy Installation

FEATURES

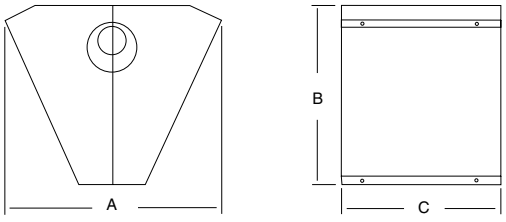
- Hinge and drawlatch design makes installation simple
- Sturdy (18 gauge) construction in stainless or painted steel
- Slant side construction focuses heaters on regulator body where heat is needed



Model 70-015



Model 70-020



Model 70-019

Enclosure No.	Heater Size	BTU	Dimensions (inches)		
			A	B	C
70-015	612	3000	11.30	7.50	12.50
70-019	88	2667	11.25	9.50	8.25
70-020	624	6000	11.25	7.50	24.50

SSE 2M 996

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