CATCO
CATALYTIC HEATER COMPANY

HEATER ENCLOSURE PACKAGE *70 - 040 Heater Regulator Drip Package*

GENERAL DESCRIPTION

The model 70-040 provides preheated instrument gas for applications such as motor valves and pilot operated regulators, where freezing can develop. In the 70-040, high pressure gas is heated as it passes sequentially through a Kimray 2000 psi drip pot, a Meco high pressure regulator and a Fisher 67 supply gas regulator. The drip pot and the high pressure Meco regulator are enclosed in a stainless steel case and are heated by a 1500 btu catalytic heater. The package includes a Fisher 912 regulator to provide fuel gas for the catalytic heater.

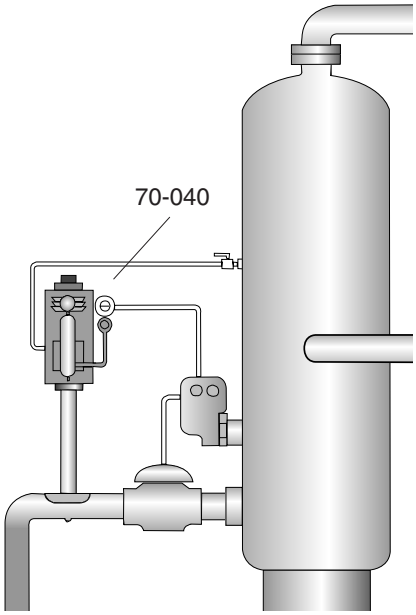
ADVANTAGES OF CATALYTIC HEAT

Efficiency

Catalytic heaters generate radiant (infrared) 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°, 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 startups, eliminating frayed wires and short circuits.



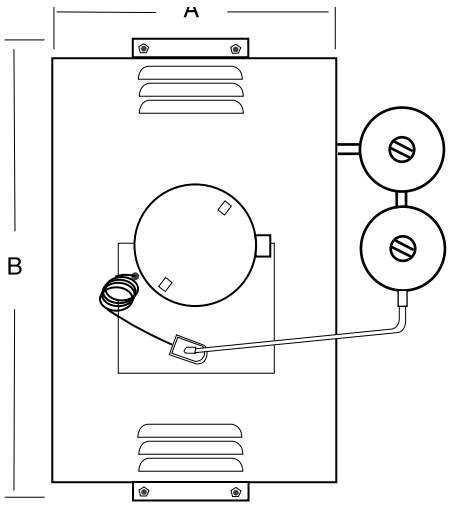
Typical configuration in use of the 70-040 Heater Regulator Drip Package

Simplicity

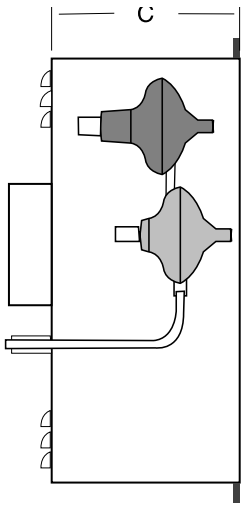
Catalytic heaters contain no moving parts and, once energized, will function indefinitely as long as adequate supplies of air and clean fuel are provided. These factors make catalytic heaters ideal for remote applications.

Available Models

70-040 Heater Regulator Drip Package



Front View



Side View

In a Hurry?

Normally, CATCO ships stock enclosure packages next day, and custom designs within a week.

CATCO enclosure packages are designed for easy installation with a minimum of tools required. In most cases installation is simply a matter of snapping the enclosure package around the appliance or pipe and supplying gas to the heater; screws and loose parts are kept to a minimum. Unless otherwise requested by the user, all parts are shipped with the enclosure package so that the unit is complete and ready to install when received in the field.

The catalytic heaters used in enclosure packages may be supplied with either 12 or 120 volt preheat systems and can be fueled with either natural gas or LPG.

FEATURES

- Unit is shipped fully assembled and ready to install
- Built ready to clamp to any 2" or smaller pipe
- Drip pot drain extends through the bottom for easy service

OPTIONS

- Fisher 1310 Regulator (instead of Meco Regulator)
- Explosion proof junction box
- Manual turndown valve to regulate heater output
- Thermostatic control to regulate heater output
- FM approved heater for Class I, Div. II areas
- CGA approved heater for Class I, Div. I & II areas
- Stainless steel fittings

	Dimensions (inches)		
Model No.	**A**	**B**	**C**
70-040	11.25	17.37	9.50

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