

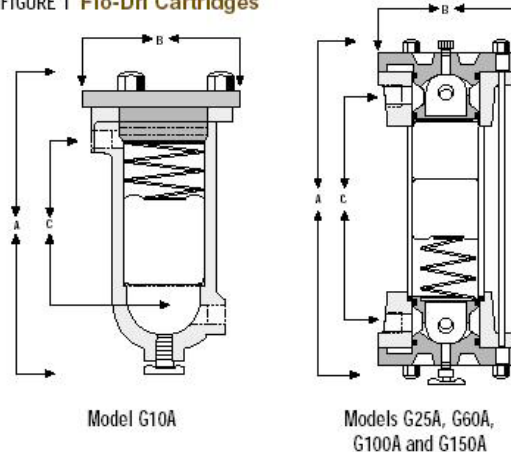
## Flo-Dri Gas Scrubbers



The Flo-Dri Gas Scrubber, available is designed to remove these contaminants. The Flo-Dri units contain a desiccant-based filter cartridge. Different filter cartridges are available depending upon the contaminants present in the fuel source. Maximum working pressures of the units are 150 PSI (G10 Model only) and 250 PSI (G25, G60, G100, and G150).

Cata-Dyne™ heaters, as with all other gas appliances, are designed to work on clean natural gas or propane. For optimal performance the operating fuel should have a calorific value of 1,000 Btu/ft.3 (37 MJ/m<sup>3</sup>) for natural gas or 2,500 Btu/ft.3 (93 MJ/m<sup>3</sup>) for propane. Fuel gas from natural gas wells may contain some form of contamination such as water, salt, H<sub>2</sub>S, aerosols, and/or particulates that can interfere with the operation of a Cata-Dyne™ heater, resulting in costly repairs and down time.

FIGURE 1 Flo-Dri Cartridges



### Flo-Dri works in three stages:

1. Impaction – As the contaminated fuel gas enters the lower chamber of the Flo-Dri Scrubber, it expands and impacts on the surface of the diffuser assembly, which causes the larger droplets to fall to the bottom.
2. Adsorption – Fuel gas continues upward through the scrubber media where the contaminants are adsorbed.
3. Mechanical Entrapment (low micron rating to .5μ) – In the final filtration stage, the gas leaves through a special filter which traps any remaining particles. The result is gas that is virtually free of any contaminants.

Flo-Dri has been designed with a patented “quick change” feature that offers the easiest replacement in the industry. Simply relieve pressure, twist and lift. The units can be serviced without removing them from the gas line.

Channeling is eliminated by Flo-Dri’s exclusive spring-loaded feature that compresses the cartridge within the housing.

All housings are mounted vertically and the flow is always upward. Plumbing can be accomplished on any model with a minimum of effort.

Part #	Working PSI	# of Cartridges	Overall Length A	Overall Diameter B	Port to Port C	Pipe Size NPT	Replacement Cartridge #	Bed Volume Cu. In.
FLODRI-G10A	150	1	7 1/3 in.	4 in.	5 in.	1/4 in.	C10	12.56
FLODRI-G25A	250	2	12 7/8 in.	5 in.	8 1/8 in.	3/4 in.	C25	30.78
FLODRI-G60	250	3	18 in.	6 1/4 in.	12 in.	1 in.	C60-2	84.47
FLODRI-G100A	250	4	23 1/2 in.	7 in.	17 1/2 in.	1 1/2 in.	C100-3	199.06
FLODRI-G150A	250	2	25 1/4 in.	9 1/2 in.	17 5/8 in.	2 in.	C150-4	376.52

For Sales & Service Contact:

41 Magnolia Avenue  
Cambridge MA 02138  
Phone: (617) 290-2134  
Fax: (240) 250-8907

**Follin Flo-Controls**  
[www.FollinFlo-Controls.com](http://www.FollinFlo-Controls.com)  
[sales@FollinFlo-Controls.com](mailto:sales@FollinFlo-Controls.com)

Doc. Ref: F08A\_Flo\_Dri\_FFC v. 1

5 Heritage Hill Rd.  
Norwalk, CT 06851  
Phone: (203) 845-0593  
Fax: (203) 846-3825