



# Natural Gas Filter Cartridges

## Improved Natural Gas Filter/Separator Performance

Velcon Model FO-436G and FO-472G gas filter cartridges have been designed to remove particulate and liquid contaminant from natural gas. Both sizes offer:

- **Finer Filtration**
- **More Complete Liquid Removal**
- **Proven Performance**

The FO-436G and FO-472G have been designed for installations where superior performance features are desired over those offered by standard cartridges.

- **High Collapse Strength** – In lab tests, the FO-472G averaged > 100 psid collapse strength vs. 34 psid for a leading competitive cartridge.
- **Improved Filtration/Separation Efficiency** – Multiple layers of fiberglass in graduated fiber diameters assure maximum efficiency by distributing collected particles evenly throughout the filter body. The fine fiberglass inner wrap assures finer moisture separation compared to standard models.
- **Positive Media Migration Barrier** – An inner wrap of cellulose filtration material provides a positive media migration barrier.
- **Improved Handling Characteristics** – An outer wrap of resin coated fiberglass screen retains cartridge shape and density through its useful life, protects against handling damage, and reduces the exterior dirt accumulation typical of fuzzy cotton or dacron stockinette coverings.
- **Steel End Caps** – Aluminized steel provides corrosion resistance while plastisol adhesive assures complete bonding of filter media to end caps.
- **Buna Gaskets** – Seal tightly to mounting stool and top seal plate.

Both the 36" FO-436G and the 72" FO-472G cartridges are dimensionally interchangeable with many cartridges in field use. They include:

Peco Model FG-372

KingTool Model KTVSWN

Filter Shield Model FS-FG-472-6

Flo-Line Model Q-FG-372



## SPECIFICATIONS

- Heavy gauge aluminized steel center tube resists corrosion and gives 100 psi collapse strength. Louvered openings provide maximum flow distribution.
- Resin-impregnated cellulose barrier to stop fibers from migrating downstream.
- Resin-impregnated fiberglass media, arranged in progressively finer layers, to provide efficient, no channeling depth filtration.
- 200° maximum operating temperature.
- Outside-to-inside flow direction.
- 4-1/2" outside diameter, 3-3/8" inside diameter, 36" and 72" overall lengths.

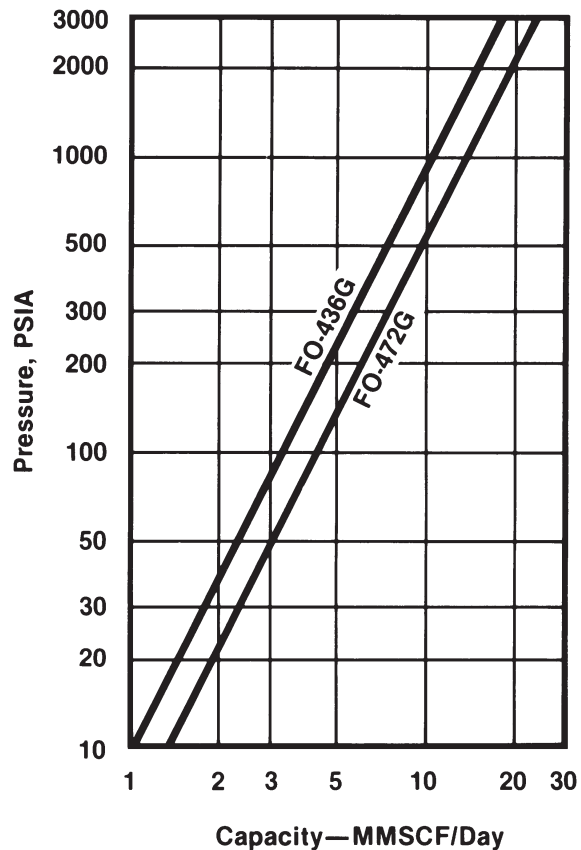


## MODELS AVAILABLE:

Model	OAL (Inches)	Rating @ 99% Gravimetric Efficiency
FO-436G	35.75	1/2 micron
FO-436G5	35.75	1 micron
FO-436GA	35.75	2 micron
FO-436GC	35.75	5 micron
FO-472G	71.875	1/2 micron
FO-472GC	71.875	5 micron

## CAPACITY VS. OPERATING PRESSURE

- Sized for 1 psi Differential Pressure across filter and centerpipe
- Specific gravity = 0.65
- Temperature = 60°F



Velcon products are sold and serviced by a world-wide representative network. To order, contact Headquarters or your **LOCAL REPRESENTATIVE**:

**COMPANY HEADQUARTERS:**  
 Velcon Filters, LLC  
 1210 Garden of the Gods Road  
 Colorado Springs, CO 80907-3410  
 Phone: 1.800.531.0180 / 1.719.531.5855  
 Fax: 719.531.5690  
 e-mail: vfsales@velcon.com  
 www.velcon.com

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