

Improved Natural Gas Filter/Separator Performance

Velcon Model FO-436G and FO-472G gas filter elements 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 element.
- **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 element 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 elements are dimensionally interchangeable with many elements in field use. They include:

Peco Model FG-372

Filter Shield Model FS-FG-472-6

KingTool Model KTVSWN

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.

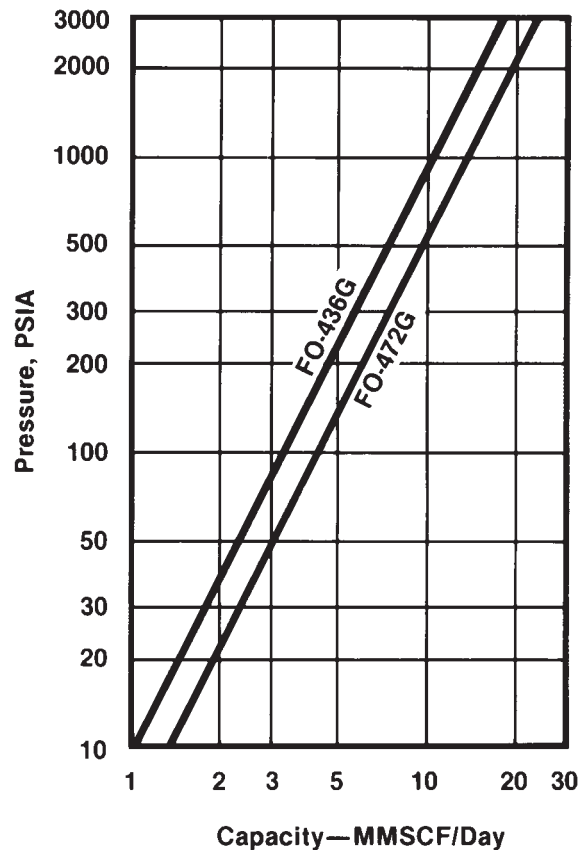


MODELS AVAILABLE:

Model	OAL	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



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Filtration, Purification &
Separation Solutions