

# FiberFlo® Hydrophobic Carbon Dioxide Degas Filters

FiberFlo hydrophobic degas filters are manufactured using a unique polypropylene hollow fiber that provides low extractables and a wide range of chemical compatibility. The asymmetric, microporous hollow fiber filters provide a wide range of gas removal capability making them ideally suited for high value added applications. FiberFlo degas filters are available with a variety of inlet and outlet connections.

FiberFlo degas filters are designed and manufactured in accordance with an ISO 9000 Quality Management System. For easy identification and traceability each capsule is labeled with a lot number, catalog number, pore size and serial number. FiberFlo degas filters are 100% integrity tested during the manufacturing process. All FiberFlo filter devices are manufactured and tested non-pyrogenic by Limulus Amebocyte Lysate (LAL).

## Typical Applications

Removal of Carbon dioxide from process solutions.

## Specifications

### Materials

Hydrophobic polypropylene membrane, polycarbonate housing and polypropylene vent caps.

### Connections

FiberFlo degas filters are available with 1/4" NPTM, 3/8" NPTM, 3/8" Hose Barb, 1/2" Hose Barb and 1 1/2" Sanitary connectors.

### Pore Sizes

0.03  $\mu\text{m}$

### Filter Area

Large: 6000  $\text{cm}^2$  (6.5  $\text{ft}^2$ ), Medium: 2300  $\text{cm}^2$  (2.5  $\text{ft}^2$ ), Small: 950  $\text{cm}^2$  (1.0  $\text{ft}^2$ )

### Maximum Inlet Pressure

85 psi (5.8 Bars)

### Maximum Differential Pressure

40 psi (2.7 Bars)

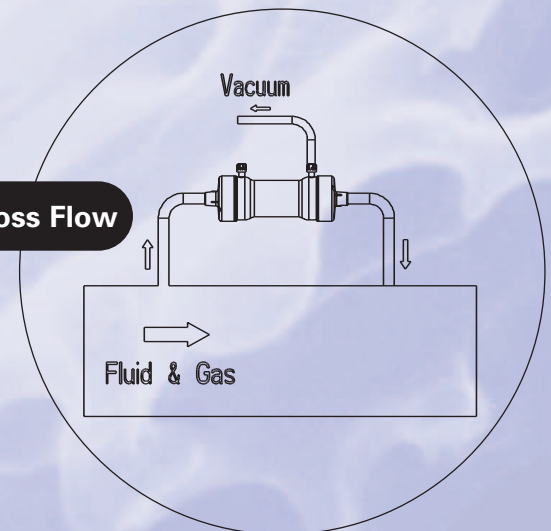
### Gravimetric Extractables

FiberFlo degas filters pass the USP standards for total solids for purified water.

### Oxidizable Substances

FiberFlo degas filters pass the USP standards for oxidizable substances for purified water.

### Cross Flow



### Toxicity

The FiberFlo degas filter components meet ISO guidelines for biocompatibility.

### Integrity Test

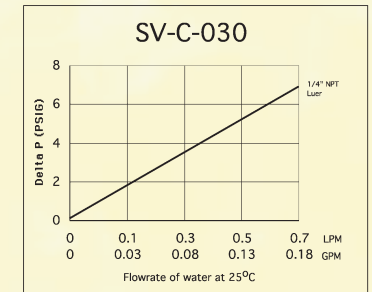
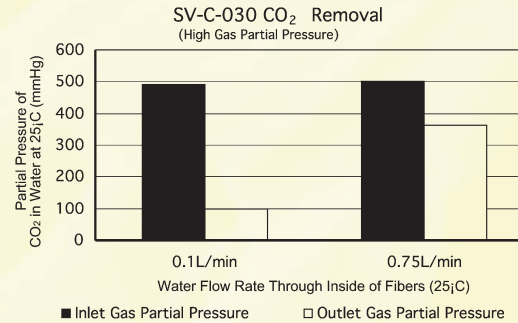
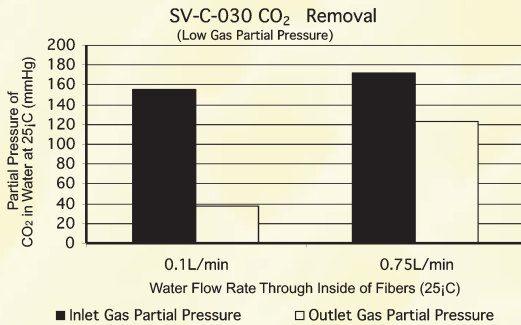
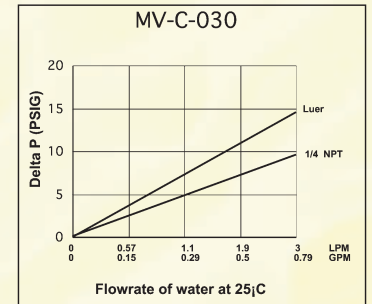
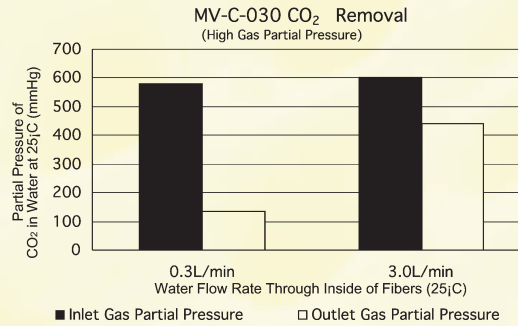
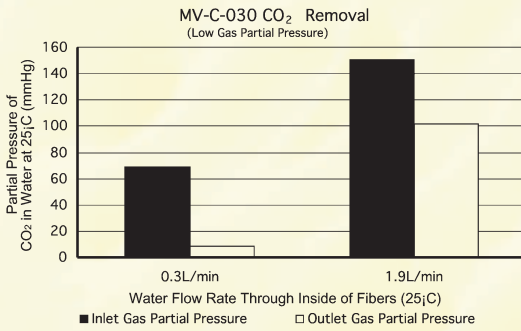
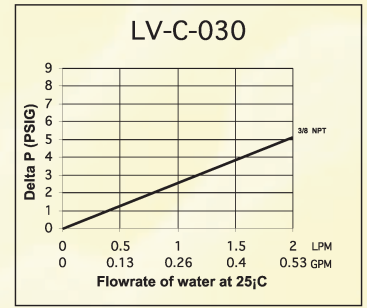
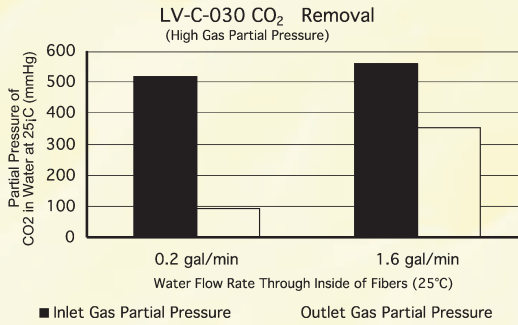
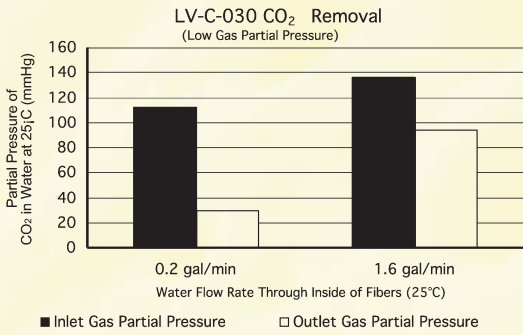
Diffusive Flow < 80 ml/min. per filter @ 30 psig

# Carbon Dioxide Removal

(700 mmHg Vacuum)

# Flow Rates

(water at 25°C)



## Ordering Information

**LV - C - 030 - K**

**Capsule Size**  
(Membrane Surface Area)

L = 6.5 ft<sup>2</sup>  
M = 2.5 ft<sup>2</sup>  
S = 1.0 ft<sup>2</sup>

**Crossflow**  
C = Crossflow

**Micron Rating**  
030 = 0.03µm

**End-Fitting Option**  
(See Product Pricing Guide for details)

**Call: (800) 328-3370**  
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