

# FiberFlo® Hydrophobic Oxygen 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 provides 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 oxygen 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 Sanitary.

### Pore Sizes

0.03  $\mu\text{m}$

### Filter Areas

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)

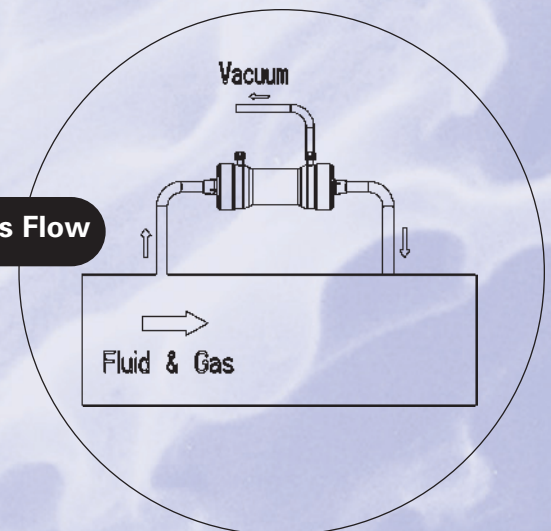
### Gravimetric Extractables

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

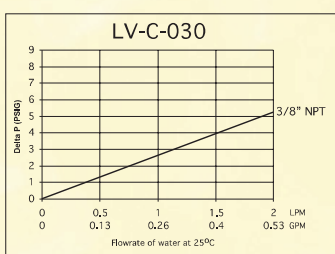
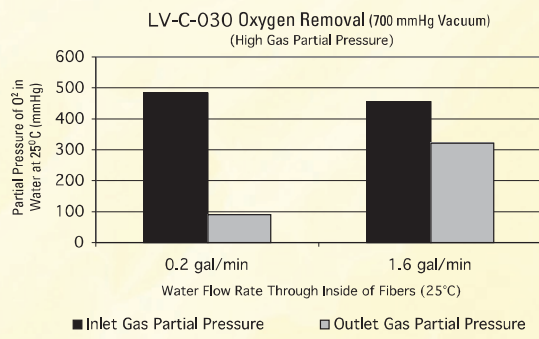
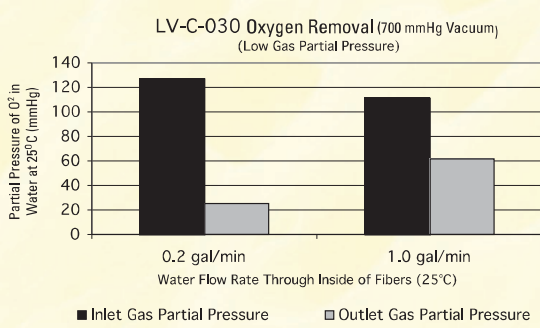
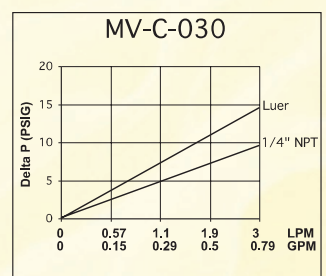
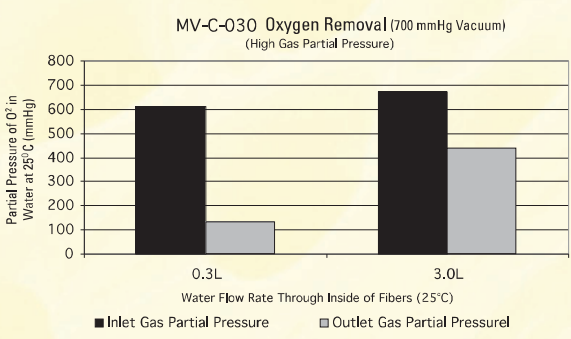
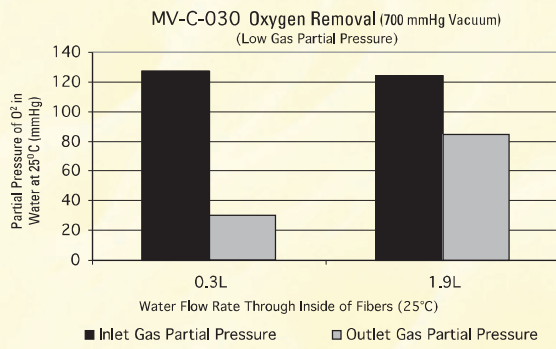
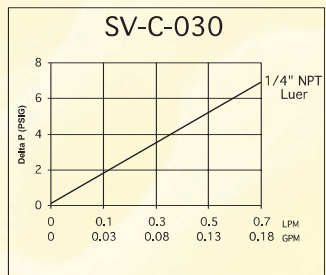
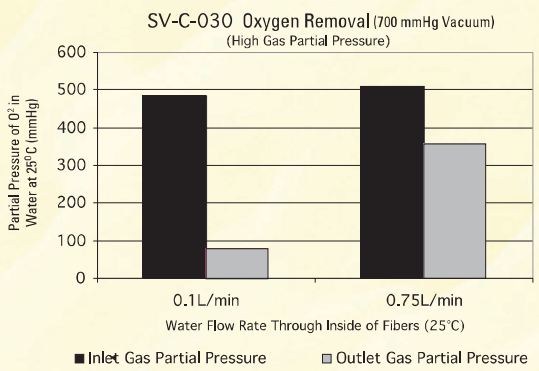
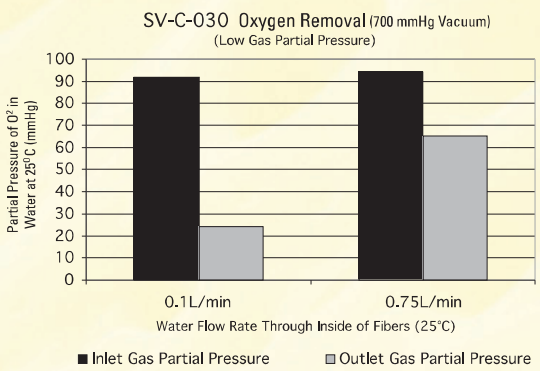
The FiberFlo degas filter components have been tested according to ISO guidelines for biocompatibility and have been found to be acceptable.

### Integrity Test

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

# Oxygen Removal

# 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**  
**www.minntech.com**



Minntech Corporation  
14605 23th Avenue North  
Minneapolis, MN 55447-4822  
U.S.A.  
Tel: (763) 553-3300  
Toll Free: (800) 328-3370  
Fax: (763) 553-3587

Minntech B.V.  
Sourthweg 11  
6422PC Heerlen  
The Netherlands  
Tel: (31) 45 5 471471  
Fax: (31) 45 5 423695  
www.minntech.com

Minntech Japan Corporation  
4F Sumitomo Seimei Yochomechi Bldg.  
10-10 Yochomechi, Shinjuku-ku  
Tokyo 162-0355  
Japan  
Tel: (81) 3 (3225) 8600  
Fax: (81) 3 (3225) 8681

Minntech International  
Singapore Representative Office  
No. 138 Robinson Road  
#1E-09/1C The Corporate Office  
Singapore 068906  
Tel: +65 6227 9898  
Fax: +65 6225 6846