

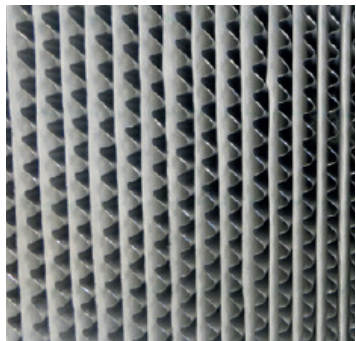
# Microbarrier 95XL/ 95XL MAX Extended Surface Filters

## FEATURES

- Efficiency 95% @ 0.3  $\mu\text{m}$
- Retrofit in most housings or holding frames
- Available in a variety of frame materials and configurations with optional faceguards
- Microfiber media
- Rolled and tapered aluminum separators



## MICROBARRIER 95XL/95XL MAX CONSTRUCTION & APPLICATIONS



Media pack

MANN+HUMMEL Microbarrier 95XL/95XL MAX series of filters are ideal for use in critical applications that require clean air, but do not require HEPA or ULPA levels of efficiency. Microbarrier 95XL/95XL MAX is also suited for applications that cannot handle the additional cost, air flow restrictions or major modifications associated with the use of a HEPA filter.

Microbarrier 95 XL/95 XL MAX series offers a minimal removal efficiency of 95% on particles 0.3 microns in size, and fills the gap between 90 - 95% ASHRAE filters and 99.97% HEPA filters. Microbarrier series features an easy and convenient retrofit into almost all ASHRAE and HEPA housings. Microbarrier is available in three models, Microbarrier 95, Microbarrier 95XL and Microbarrier 95XL MAX, several styles and with a variety of frame materials.

The Microbarrier 95XL series is also offered in a high capacity version, the Microbarrier 95XL MAX. This product delivers all the same features and benefits of Microbarrier 95XL with the added feature of a

rated airflow of 500 FPM (2.5 m/sec) and an initial resistance of 0.72 in. w.g. (179 Pa). The Microbarrier 95XL series utilizes glass microfibers that are pleated into media packs using aluminum separators to offer protection, stability and uniformity to the media pack. MANN+HUMMEL separators are rolled and tapered to offer reduced risk of personal injury and diminish the risk of damaging the media pack.

MANN+HUMMEL also offers optional faceguards and gasketing to match your application needs. Faceguards are available either on the upstream face, downstream face or on both faces of the filter. Faceguards increase the stability of the filter and offer valuable protection to the media pack. Gasketing is also available and recommended on all Microbarrier series filters to ensure that no unfiltered air will bypass around the filter. Microbarrier 95XL & 95XL MAX filters are manufactured in our quality controlled facility to ensure you receive only the highest quality product available.

**MICROBARRIER 95XL/95XL MAX**  
**PERFORMANCE DATA**

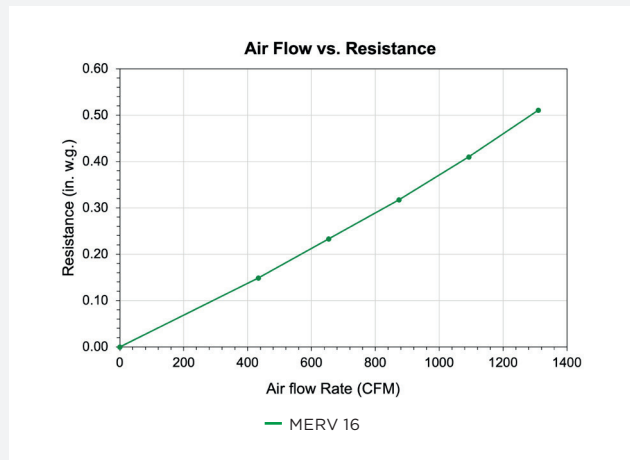
Specifications	Microbarrier 95XL	Microbarrier 95XL MAX
Media	Glass microfiber	Glass microfiber
Frame	Galvanneal or MDF particleboard (standard)	Galvanneal or MDF particleboard (standard)
Sealant	Polyurethane	Polyurethane
Separators	Aluminum	Aluminum
Resistance	12" deep @ 250 FPM = 0.38 in. w.g. (1.25 m/sec = 114 Pa)	12" deep @ 500 FPM = 0.72 in. w.g. (2.5 m/sec = 199 Pa)

Notes:

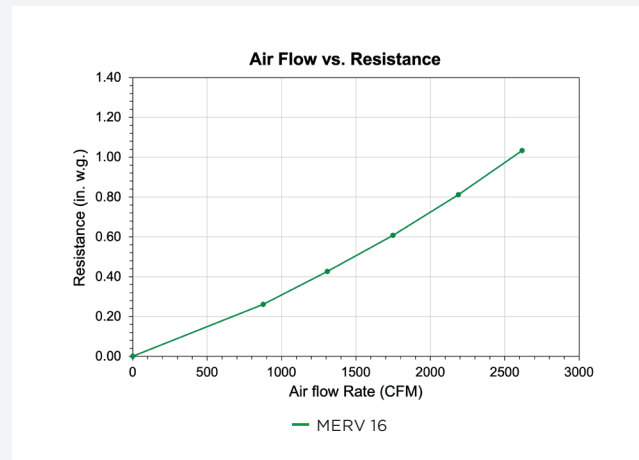
- Contact your local sales representative for available sizes
- Performance data is based on ASHRAE Test Standards 52.2 - 2017.

**TECHNICAL DATA**

MICROBARRIER 95XL



MICROBARRIER 95XL MAX



MANN+HUMMEL is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. MANN+HUMMEL products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.

**LOCAL REPRESENTATIVE**

