

# 2V & 4V Ultra Synthetic V-Bank Filters

## FEATURES

- Available in nominal 12" depth
- MERV 11, 13, 14, 15 & 16
- Available in 2V & 4V configurations
- Synthetic media
- High impact polystyrene (HIPS) frame
- UL Classified
- Max temp: 175°F



## 2V & 4V ULTRA CONSTRUCTION & APPLICATIONS

The V-Bank Ultra Series products are designed and tested to meet the requirements of High Purity critical manufacturing, commercial applications, and laboratories. They are ideal for use in variable-air-volume (VAV) systems due to their rigid nature.

The 2V and 4V Ultra V-Bank filters are beneficial due to their large media area, robust durability, low pressure drop and long service life. These filters also have a low Total Cost of Ownership (TCO) due to their high dust holding capacity.

Available in 2V or 4V, the V-Bank Ultra filters are constructed with moisture-resistant, synthetic media and can be ordered as MERV 11, MERV 13, MERV 14, MERV 15 and MERV 16.

Available with a single header, our V-Bank filters utilize aerodynamic vertical supports, constructed from high impact polystyrene (HIPS) plastic, to reduce air entrance turbulence. The top and bottom

sides of the frame are also made of high impact polystyrene (HIPS) to enhance rigidity.

The V-Bank's frame is equipped with removal handles. The handles incorporated in the frame allow for ease of handling and filter removal. The frame is also fully incinerable.



Mini pleat media



Easy carry handles

## 2V & 4V ULTRA PERFORMANCE DATA

Nominal Depth	Nominal Size (in.) (HxWxD)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.) - 2V Ultra					Resistance @ Capacity (in. w.g.) - 4V Ultra				
		Height	Width	Depth		M11	M13	M14	M15	M16	M11	M13	M14	M15	M16
12"	12x24x12	11.38	23.38	11.50	1100	0.20	0.27	0.31	0.33	0.40	0.17	0.19	0.20	0.25	0.30
	20x20x12*	19.38	19.38		1400										
	20x24x12	19.38	23.38		1650										
	24x24x12	23.38	23.38		2000										

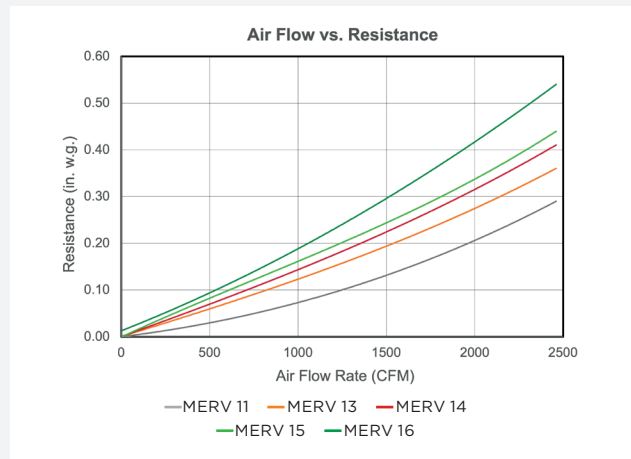
\*20x20x12 is only available in the 2V configuration

### Notes:

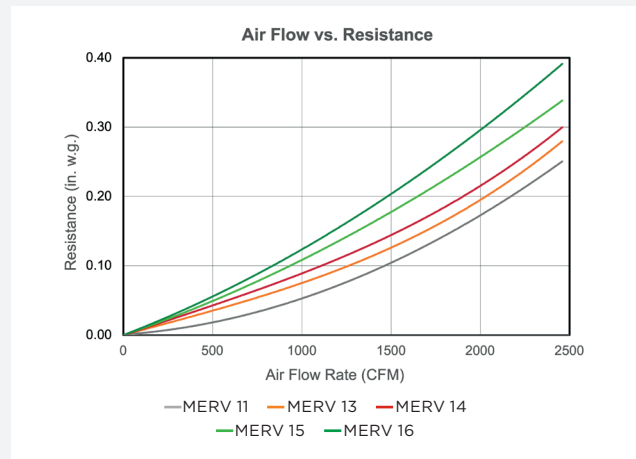
- 12" deep filters are rated at 500 fpm.
- Filters designed to operate with unidirectional air flow.
- Performance data is based on ASHRAE Test Standards 52.2 - 2017.

## TECHNICAL DATA

### 2V ULTRA



### 4V ULTRA



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  $\pm 5\%$  variance in filter performance.

### LOCAL REPRESENTATIVE