

2V & 4V Elite Fiberglass V-Bank Filters

FEATURES

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



2V & 4V ELITE

CONSTRUCTION & APPLICATIONS

The V-Bank Elite 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 Elite 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 Elite filters are constructed with moisture-resistant, microfine fiberglass media and can be ordered as MERV 11, MERV 13, MERV 14, MERV 15 and MERV 16 (4V configuration only).

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 ELITE PERFORMANCE DATA

| Nominal Depth | Nominal Size (in.) (HxWxD) | Actual Size (in.) | | | Air Flow @ Capacity (CFM) | Resistance @ Capacity (in. w.g.) - 2V Elite | | | | Resistance @ Capacity (in. w.g.) - 4V Elite | | | | |
|---------------|----------------------------|-------------------|-------|-------|---------------------------|---|------|------|------|---|------|------|------|------|
| | | Height | Width | Depth | | M11 | M13 | M14 | M15 | M11 | M13 | M14 | M15 | M16 |
| 12" | 12x24x12 | 11.38 | 23.38 | 11.50 | 1100 | 0.26 | 0.45 | 0.57 | 0.60 | 0.27 | 0.30 | 0.36 | 0.39 | 0.61 |
| | 20x20x12* | 19.38 | 19.38 | | 1400 | | | | | | | | | |
| | 20x24x12 | 19.38 | 23.38 | | 1650 | | | | | | | | | |
| | 24x24x12 | 23.38 | 23.38 | | 2000 | | | | | | | | | |

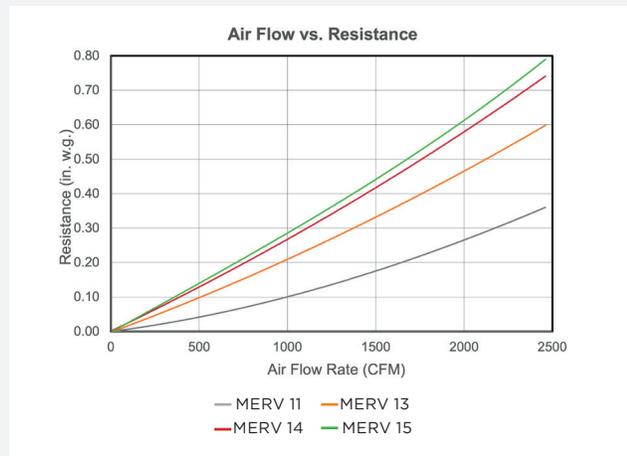
*20x20x12 is only available in the 2V configuration

Notes:

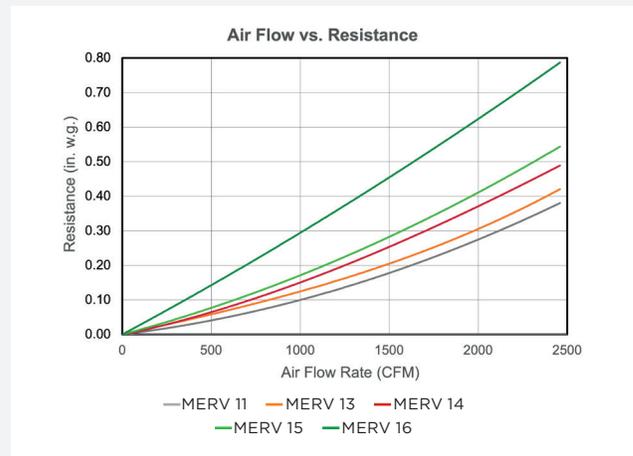
- 12" deep filters are rated at 500 fpm.
- Filters designed to operate with unidirectional air flow.
- Performance data is based on ASHRAE Test Standards 52.2 - 2017.

TECHNICAL DATA

2V ELITE



4V ELITE



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