

MC VB4 15

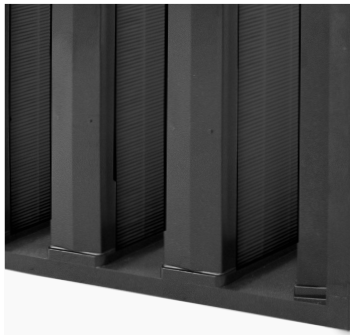
Carbon Mini Pleated Filters

FEATURES

- MERV 15
- V-bank filter with carbon impregnated polyester media
- All plastic frame
- 11.5lbs. of carbon in a 24x24x12 filter
- Max operating temp: 140°F



MC VB4 15 CONSTRUCTION & APPLICATIONS



Engineered design maximizes air flow and service life

The MC VB4 15 is a carbon mini pleat filter that is designed to provide high efficiency MERV 15 particulate filtration to remove a wide spectrum of odors and VOCs. The MC VB4 15 carbon filter provides high levels of indoor air quality controlling fine airborne particulate contaminants and lower concentrations of most internal and external odor producing molecular contaminants.

The compact dual media design allows easy installation in most HVAC applications. The extended surface area design allows very low resistance to air flow, providing reduced energy costs and an extended life cycle. Fine 20x50 mesh high activity carbon creates maximum surface area for high first pass removal efficiencies on gasses.

The construction of the MC VB4 15 consist of media that is a dual layer combination of MERV 15 synthetic particulate layer and 500 gsm 20x50 mesh HAC laminated together to create a high efficiency gas phase media. The Double walled high strength plastic v-design frame is great for industrial applications with minimum resistance to air flow.

The media pack is bonded to the frame utilizing moisture resistant adhesive for a continuous seal.

Because of its advanced design, the MC VB4 15 is the go-to solution for critical environments such as hospitals, airports, industrial facilities, laboratories, and any setting where both fine particulate and odor control are essential. By delivering cleaner, fresher air while minimizing system strain, it helps facilities achieve healthier indoor environments and long-term cost savings.



Precision pleating for optimum surface area

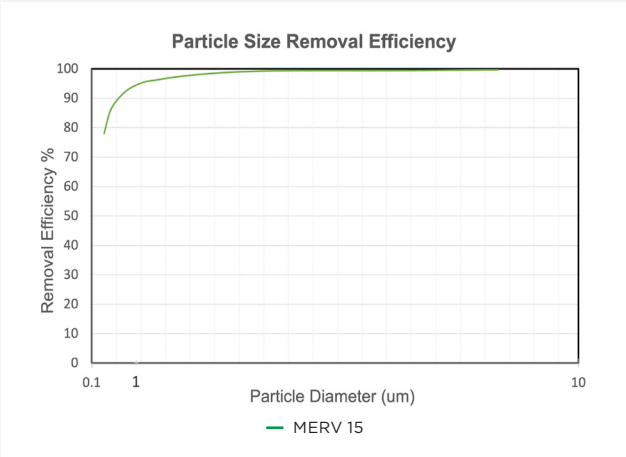
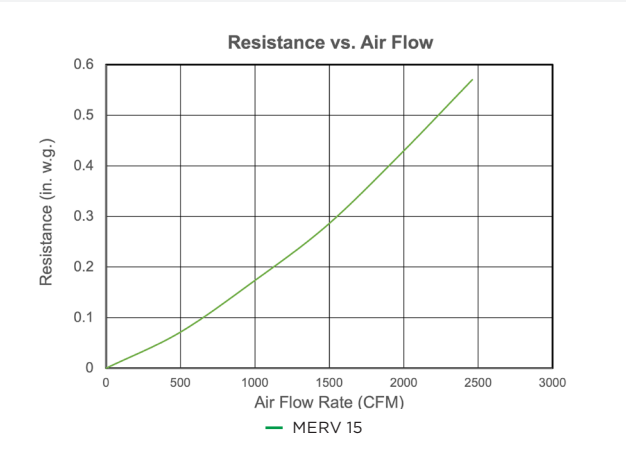
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MC VB4 15
PERFORMANCE DATA

Nominal Size	High Activity Carbon	Initial Resistance	MERV Rating	Final Resistance
		500 FPM		
12x24x12	500 gsm	0.42" in. w.g.	15	1.5 in. w.g. (373 Pa)
20x24x12	500 gsm	0.42" in. w.g.	15	1.5 in. w.g. (373 Pa)
24x24x12	500 gsm	0.42" in. w.g.	15	1.5 in. w.g. (373 Pa)

TECHNICAL DATA

MC VB4 15



- Notes:
- Recommended final resistance = 1.5 in. w.g.
 - Performance data is based on ASHRAE Test Standards 52.2
 - Max operating temp: 140°F
 - Filter shall be classified by underwriters laboratories as UL 900
 - Airflow Resistance: 0.42 in. w.g. @ 1,968 CFM

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.

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