

# HIGH VOLUME (HV) HEPA FILTER



**Robust, anodized aluminum frame** for strength and chemical resistance

**Minipleat media and v-shaped filter design** for maximum media area promotes extended service life



**Larger surface area** allows filter to operate at high air flow rates

▶ **The Ultimate in Filter Efficiency** for protecting compressors and other rotating machinery from fouling by sub-micron particles.

▶ **Effective at Removing Smoke**, soot and other hydrocarbons at efficiencies greater than 99.9%.

▶ **High Efficiency Filter** minimizes the need for both on-line and off-line compressor washes, decreasing downtime and maximizing the number of hours for production.

▶ **Robust, Anodized Aluminum Frame** for strength and chemical resistance even under the harshest conditions.

▶ **Minipleat Media and V-Shaped Filter Design** for maximum media area to provided the longest lifetime.

▶ **Pleated Media is Sealed in Polyurethane** around the perimeter of the filter, ensuring a leak-free design, eliminating particle by-pass.

▶ **Low Pressure Drop** for the given efficiency leads to increased turbine output.

▶ **Large Surface Area** allows filter to operate at air flow rates as high as 2400 cfm per filter element.



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## HV (HIGH VOLUME) HEPA FILTER TECHNICAL DATA

PAO Efficiency @ .3 micron (DOP Substitute)	95% DOP	99.97% DOP	99.99% DOP*
Approximate EN-1822 Class	H 10	H 12	H 13
Rated Air Flow (cfm)	2400	2400	2400
Media Surface Area (sq. ft.)	430	430	430
Rated Initial Pressure Drop (" w.g.)	0.86	1.0	1.0
Recommended Final Pressure Drop (" w.g.)	2.4	2.4	2.4
Maximum Final Pressure Drop (" w.g.)	3.0	3.0	3.0
Maximum Continuous Temperature (°F)	250	250	250

### Materials

Frame: Anodized Aluminum	•	•	•
Media: Wet Laid Microglass	•	•	•
Separators: Mini-Pleated Packs	•	•	•
Pack Adhesive: Polyurethane	•	•	•
Gasket Material: Closed Cell Poron	•	•	•
Urethane Gel Seal Optional	•	•	•

### Listings

UL 900 Class 2	•	•	•
California State Fire Marshall	•	•	•

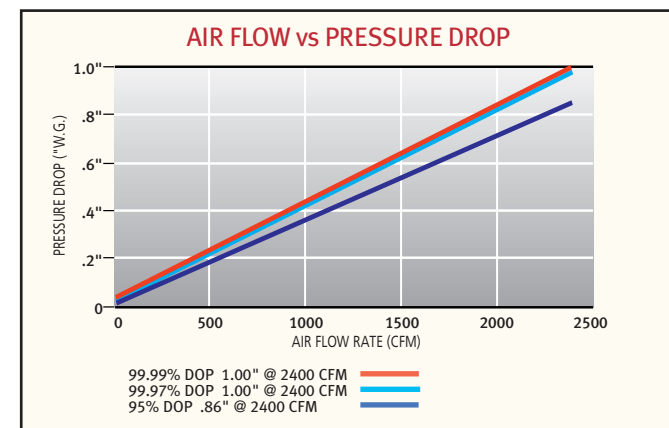
### Weight (lbs.)

24" x 12" x 11 1/2"	22	22	22
24" x 24" x 11 1/2"	42	42	42

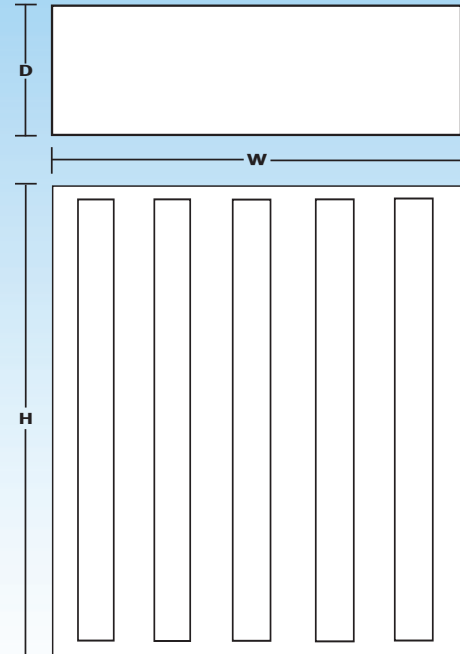
### Actual Filter Dimensions (H x W x D)

24" X 12" x 11 1/2"	•	•	•
24" X 24" x 11 1/2"	•	•	•

\*Not Scanned



To determine the approximate pressure drop for half size (24" x 12" x 11.5") filters, divide flow rate in half.



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