

Aero V HEPA- Mini Pleat Compact HEPA Filters

Aero Cell V HEPA filters are a new generation type of high efficiency Mini-Pleat compact HEPA filters available in efficiencies from E10 to H13. Aero Cell V HEPA filters are designed to use in HVAC installations where the highest degree of air cleanliness is required.

The high burst resistance, low pressure drop and high dust holding capacity offered by the filter make it ideal for extreme operating conditions such as gas turbine air intake fine filtration. (Rear plastic grid support fitted to VGT models to ensure protection during operation in harsh conditions, available on request)

Filterfit models

Minipleat Compact HEPA Filters
 292 mm frame depth
 Available in 20 and 25 mm headers
 Single PU foam gasket



MEDIA FEATURES AND TECHNICAL DETAILS

AERO CELL V HEPA filters are made up of water resistant micro-fine glass fibre media configured in a closed pleat construction with glue line separators giving the media pack a perfect V configuration as well as allowing a huge surface area. The media pack is fully glued into the plastic frame with polyurethane for a complete airtight seal. These filters come with a single piece PU Foam gasket to ensure a 100% leak free installation.

The VGT model filter (available on request) is backed with an additional plastic grid support on the air off side of the media pack to ensure protection during operation in harsh conditions. All filters are 100% metal free, suitable for humid or salt laden environments and are incinerable.

SELECTIONS CHART

| Part No. | Rating | Initial Efficiency MPPS / DOP | Model | Filter Size (mm) | Rated Airflow (CMH) | Initial Resistance (Pa) | Final Resistance (Pa) |
|----------|--------|-------------------------------|-------------|------------------|---------------------|-------------------------|-----------------------|
| | | | | | @2.54 m/s | 2.54 m/s | |
| 6-0044 | E12 | ≥ 99.5% / 99.97% | AVH12-44-12 | 592 x 592 x 292 | 3400 | 205 | 600 |
| 6-0045 | E12 | ≥ 99.5% / 99.97% | AVH12-42-12 | 592 x 289 x 292 | 1700 | 205 | 600 |
| 6-0046 | H13 | ≥ 99.99 / 99.97% | AVH13-44-12 | 592 x 592 x 292 | 2500 | 250 | 600 |
| 6-0047 | H13 | ≥ 99.99 / 99.97% | AVH13-42-12 | 592 x 289 x 292 | 1250 | 250 | 600 |

* Non-standard sizes are available on request

 Final Pressure Drop - 600 Pa  Maximum Operating Temperature / Humidity - 90 ° C / 90%  Please contact Filterfit for other sizes