

Aero Cell HTV-II : Minipleat High Velocity HT Fine Filters

Aero Cell HTV-II filters are new generation high efficiency mini-pleat high temperature fine filters available in a wide range of efficiencies from M6 to F9. Aero Cell HTV-II filters are designed to deal with hot air filtration in installations where the highest degree of air cleanliness is required. Frames are made up of either Galvanized Steel or Stainless Steel. The pleats are separated by glass paper and completely silicon free construction. They are designed to replace the conventional aluminium separator box style filters and hence offering lower pressure drop and longer service life.

Aerofil Models

Aerocel HTV-II

Minipleat Compact Fine Filters
 292 or 400mm frame depth
 Operating Temperature 385 DC
 Available in single Header or box styles

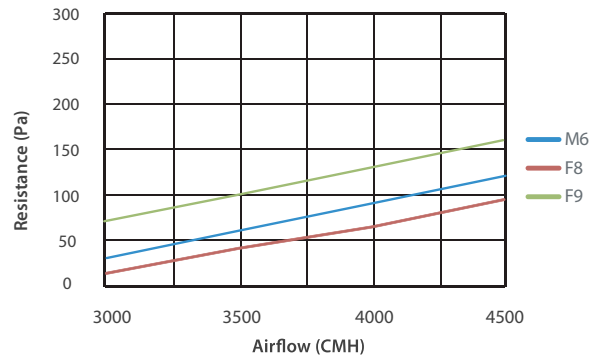


Media Features and Technical Details

Aero Cell HTV filters are made up of High Temperature micro - fine glass fiber filter media, closely pleated and separated using a glass paper ribbon separator which gives a uniform spacing between the pleats and accommodates a very large quantity of filter media. The mini-pleated packs are arranged in a perfect V bank design using no glue to a metal casing made up of galvanized steel or stainless steel. The Media packs are protected by metal grid as well on both sides.

High Temperature glass rope gaskets are fixed on air entry or leaving sides as required by the customer.

Aerocel HTV-II - Airflow vs. Initial Resistance



Selection Chart ▼

Efficiency EN779-2012	Ashare 52.2	Model Number	Size (Inches)	Size (mm)	Airflow CMH / CFM	Initial PD Pa / IWG
M6	MERV 12	AHTV6-44-12	24 x 24 x 12	Size: 610 x 610 x 292	4000 / 2350	90 / 0.36
M6	MERV 12	AHTV6-42-12	24 x 12 x 12	Size: 610 x 305 x 292	2000 / 1175	90 / 0.36
F8	MERV 15	AHTV8-44-12	24 x 24 x 12	Size: 610 x 610 x 292	4000 / 2350	120 / 0.47
F8	MERV 15	AHTV8-42-12	24 x 12 x 12	Size: 610 x 305 x 292	2000 / 1175	120 / 0.47
F9	MERV 16	AHTV9-44-12	24 x 24 x 12	Size: 610 x 610 x 292	4000 / 2350	130 / 0.52
F9	MERV 16	AHTV9-42-12	24 x 12 x 12	Size: 610 x 305 x 292	2000 / 1175	130 / 0.52

400mm filters operate at same flow but with 15% lesser Initial Pressure Drop. Change Model number to AHTVX-XX-16 while ordering.

- Recommended Final Resistance : 300 Pa
- Maximum Final Resistance : 500 Pa
- Continuous Operating Temperature : 300 ° C
- Relative Humidity : ≥ 100 ° C

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

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