

AeroMed™ HC

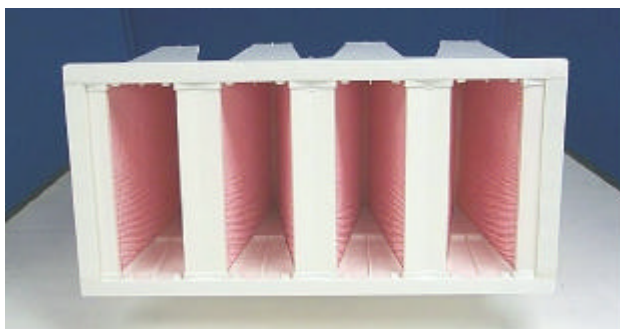
High Capacity Rigid V-Cell



General Overview

AeroMed™ air filters provide innovative solutions for healthcare facilities. The AeroMed™ HC is a high capacity rigid box filter made entirely of synthetic components. The AeroMed™ HC filter is available in 65, 85, and 95% ASHRAE efficiencies. The pressure drop of the filter is as much as 40% less than that of traditional rigid filters. This provides a significant energy savings to the building operator.

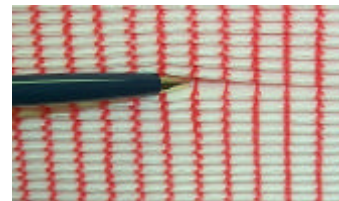
The AeroMed™ HC filter media is fabricated from 100% polypropylene. Continuous 100% polypropylene spacer beads are thermally bonded to both sides of the media. The result of this process is a revolutionary pleat pack designed and engineered for the most demanding applications. This pleat pack has amazing durability and low aerodynamic pressure loss. *Polypropylene is not affected by moisture and by nature does not support the growth of microbial organisms such as bacteria, mold, fungi, etc.*



Frame

The frame of the AeroMed™ HC is injection molded from 100% polypropylene, is impact resistant and moisture proof. The media pack and frame components are bonded together with

a thermo-plastic adhesive resulting in exceptional performance and durability.



Damage Resistant Pack

Benefits

- High efficiency
- Low air flow resistance
- High air flow capacity
- Long service life
- Durable, damage resistant packs
- Moisture proof construction
- Light weight
- Will not corrode
- Resistant to most chemicals
- Will not support microbial growth
- Can be incinerated for disposal

Specifications

Available in the following ASHRAE Std. 52.2-1999 Efficiency ratings:

MERV 14 (90-95%)*

MERV 13 (80-90%)*

MERV 12 (60-65%)*

** Efficiency numbers in parenthesis are approximate ASHRAE Std. 52.1-1999 results per ANSI/ASHRAE Std. 52.2-1999.*

Approximate Media Area

24 x 24 x 12 153 sq ft

20 x 24 x 12 124 sq ft

12 x 24 x 12 68 sq ft

Filter Efficiency <i>(ASHRAE Std 52.2-1999)</i>	Filter Size <i>(nominal)</i>	Media Area <i>(Sq Ft)</i>	Initial Resistances	Final Resistance
MERV 14 (90-95%)	24 x 24 x 12	153	0.41" w.g.	1.50" w.g.
	20 x 24 x 12	124		
	12 x 24 x 12	68		
MERV 13 (80-90%)	24 x 24 x 12	153	0.36" w.g.	1.50" w.g.
	20 x 24 x 12	124		
	12 x 24 x 12	68		
MERV 11 (60-65%)	24 x 24 x 12	153	0.29" w.g.	1.50" w.g.
	20 x 24 x 12	124		
	12 x 24 x 12	68		

