



FLORENCE FILTER

Excellence in Air Filtration since 1971” www.florencefilter.com
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Flo 4V-Cell Filters



The Flo 4V-Cell is a highly efficient and rigid extended surface air filter Engineered to provide maximum performance and prolonged filter life cycles, even in the most challenging environments. Its durable and rugged construction makes it a great choice for filtration systems with high velocities or variable air volume (VAV). Constructed with an all plastic frame, it is easily incinerated after use.

Features

- MERV15 performance rating
- High-efficiency microfiberglass or synthetic media
- Low Pressure Drop
- Reduced Energy Cost
- 198 sqft of media (24x24x12)
- Completely incinerable
- Lightweight plastic on extremely rigid frame
- Superior dust holding capacity and prolonged filter life

Construction

The header and cell sides provide a sturdy construction that resists damage during shipping, handling, and operation. Constructed of precision injection molded plastic, the Flo 4V-Cell filter is fully incinerable.

Separators

The thermoplastic separators maintain uniform spacing between pleats to allow optimal flow of air into and through the filter. The separators also ensure large effective media area for low resistance and high dust holding capacity.

Low Pressure Drop Technology

The Flo 4V-Cell provides an unequaled combination of low pressure drop and high efficiency through the use of our unique mini-pleat design. This high capacity mini-pleat design allows a nominal 24x24x12 filter to incorporate 194 square feet area insures low pressure drop, which results in lower energy costs to the user.

Benefits

- **The 100% synthetic media** provides high efficiency and superior dust holding capacity for prolonged service life.
- **Thermoplastic glue bead separators** ensure low pressure drop and aerodynamic airflow
- **High Capacity minipleat design** provides low resistance to airflow and reduced energy costs

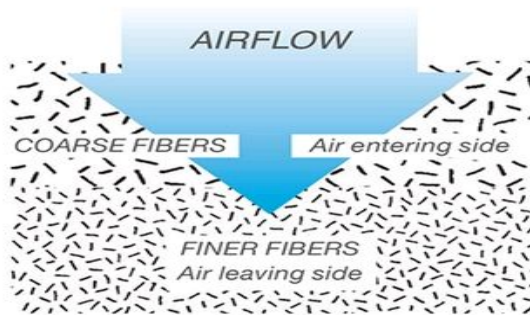


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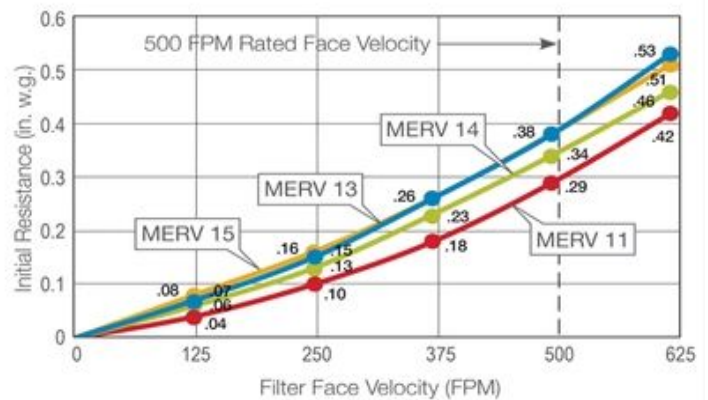
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- Specialized media sealant secures media to frame and eliminates air bypass
- Durable plastic frame components make the Flo 4V-Cell lightweight, yet extremely rigid and easy to install. The all plastic frame makes the Flo 4V-Cell completely incinerable after use

- Hydrophobic media fibers do not absorb moisture and will not support microbial growth
- MERV 13 and higher meet LEED® Project Certification efficiency requirements



Initial Resistance vs. Filter Face Velocity



Flo 4V-Cell Overview

- 50% more media area provides greater airflow capacity and low resistance
- Maximum dust holding capacity extends the life of the filter, minimizing operating costs
- Available in MERV 15. By special order MERV 14, MERV 13, and MERV 11 efficiencies
- Excellent performance in difficult operating conditions/ functions in 100% humidity
- Can be used in high velocity systems, operating at up to 750 FPM
- Lightweight and easy to install
- Durable injection molded framework with header frame for installation flexibility