



FLORENCE FILTER

“Excellence in Air Filtration since 1971” www.florencefilter.com

530 W.Manville, Compton, California, 90220

(310)-637-1137 FAX(310)-631-4323 Out of State (800)-776-2021

MERV 10 Pleated Filters



The MERV 10 pleated air filter excels in removal of airborne particulate in HVAC systems found in commercial, light commercial and industrial buildings. It may be used as a primary filter or part of a multi-stage system.

Ideal applications include office and retail, housing complexes, government and education facilities, and healthcare applications.

- 100% synthetic media for high efficiency with low air flow resistance
- Achieves MERV 10 rating per the ANSI/ASHRAE 52.2 test standard
- Heavy Duty moisture resistant construction
- Standard Size 4” and 6” pleats incorporate media separators
- Low pressure drop minimizes energy costs

- Laminated expanded metal grid provides exceptional strength throughout the filter life
- Galvanized expanded metal for corrosion resistance
- Bonded support grid prevents fluttering of media while maintaining pleat uniformity
- Moisture resistant die cut frame maintains strength when wet
- Synthetic media is hydrophobic and will not promote microbial growth

Typical Applications

- ★ High Rises
- ★ Office Complexes
- ★ Schools
- ★ Government Buildings
- ★ Hospitals
- ★ Public Arenas
- ★ Industrial Complexes
- ★ Food Processing Factories
- ★ Pharmaceutical Production

Benefits

- Low resistance for energy efficiency
- Protects heating and cooling equipment by not producing significant pressure drop
- High dust holding capacity extends time between filter changes
- Easy to replace, all-in-one deep pleated filters



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Specifications

The MERV 10 Pleated Panel Filter shall be of the extended surface pleated media type. The media utilized shall be made of 100% synthetic fibers.

Heavy-duty beverage board struts shall be thermally bonded to the air entering and air leaving sides of the tapered radial pleat. The internal channel design creates double wall thickness that prevents air bypass and maximizes filter integrity during the service life of the filter. MERV 10 air filters shall be 10 pleats per lineal foot. They are rated to withstand temperatures up to 150 degrees Fahrenheit.

Features

The MERV 10 filters pleated filters offer MERV 10 efficiency with superior durability and low pressure drop. The MERV 10 features a uniform 100% synthetic, metal bleached media design that achieves a MERV 10 per the ANSI/ASHRAE 52.2 Test Standard.

Construction

Florence Filter Pleated MERV 10 air filters shall be of the extended surface pleated media type. A heavy duty, recycled expanded metal reinforcement shall be laminated to the air exit side of the media by a thermosetting adhesive to maintain continuity of the radial pleats. The expanded metal shall be galvanized to resist rust and corrosion. The pleated cartridge shall be bonded to the peripheral interior of the outer frame. A heavy duty moisture resistant beverage board incorporating post consumer material shall be utilized for an encasing frame. The frame face shall be internally laminated to the pleated cartridge apexes. Florence Filter Pleated MERV 10 air filters are designed to withstand temperatures up to 180 degrees Fahrenheit.

Available in either Standard Capacity or High Capacity versions:

- *SC: Offers excellent performance and value for a wide range of applications*
- *HC: Ideal in high velocity systems where maximum square footage of media is necessary or when requiring the longest possible life.*