camfil

Farr 30/30®

High Capacity MERV 8/8A and ePM_{10} Pleated Panel Air Filter

Last longer than any other pleated panel filter available...Guaranteed!

CLEAN AIR SOLUTIONS

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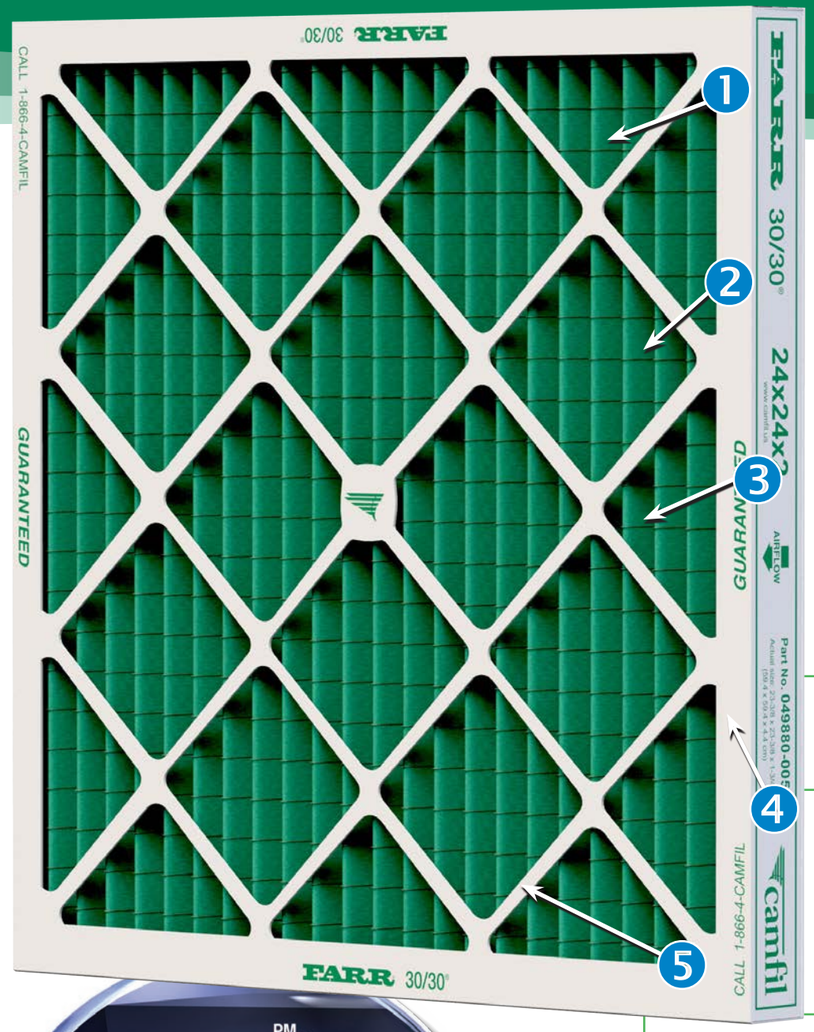
Your first line of defense

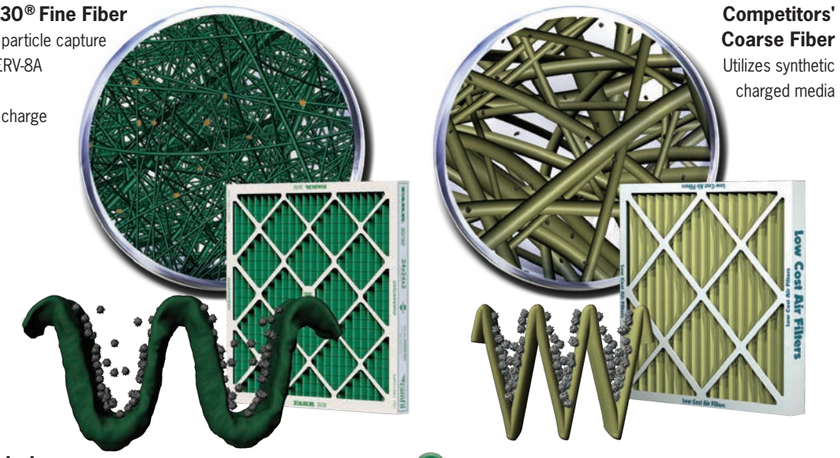
Dust particles dancing on the beams of light streaming through a window may look beautifully surreal, but the reality is that those same dust particles and most that are too small to see with the naked eye pose alarming risks to people, animals, equipment, commerce and industries. These particles contain a mixture of both solid and liquid organic and inorganic substances consisting of sulfates, nitrates, ammonia, sodium chloride, black carbon, mineral dust and more. The most damaging particles are those with a diameter of 10 microns or less ($\leq PM_{10}$).

So where do you begin to filter this attack?
Your first line of defense for HVAC equipment and people starts with Camfil's Farr 30/30 pleated panel filter. Used as a stand alone or as a prefilter, the Farr 30/30, proven to be the industry's best value for medium efficiency filtration, has an Energy Cost Index (ECI) of five stars—the highest performance rating available. The Farr 30/30® is an excellent choice when applied as the only filter in a system to keep coils clean, maintain efficiency, and protect building occupants from contaminants such as pollen, plant spores, atmospheric dusts and other indoor air irritants. Life of final filters can be extended by capturing larger contaminants and allowing the final filter to concentrate on removing smaller particles.

Performing at MERV 8/8A and ePM_{10} under ASHRAE and ISO filter testing standards respectively, the Farr 30/30 media is manufactured from a proprietary blend of fibers that uses a mechanical particle capture principle which does not require an electret charge. The electret charge of the competitors' coarse fiber filters dissipates over time resulting an earlier high pressure drop and loss of efficiency long before what should be a full life cycle. The Farr 30/30 offers the longest life and lowest average pressure drop while in service over the life of the filter...Guaranteed! The media is lofted to a uniform, high-loft depth offering a lower resistance to airflow so fan energy is dramatically reduced, ensuring the longest life of any pleated filter available and saving replacement cost in the long run. Backed with a welded wire grid, spot-welded on one-inch centers, the media is formed into a radial pleat for uniform dust loading and maintains media stability through varying airflows. Housed in a high wet-strength beverage board frame, the thickest board in the industry, filter bypass is virtually eliminated as the media is bonded to the frame. Diagonal supports are bonded to each pleat to maintain pleat spacing and add stability to the bridge-style engineered pack. The Farr 30/30 is guaranteed to 2.0" w.g. of pressure filter without failure. Costly filter blowouts and compromised cleanliness of HVAC systems is dramatically reduced if not eliminated.



Size of a Micron



Farr 30/30® Fine Fiber
Mechanical particle capture
ASHRAE MERV-8A
ISO ePM_{10}
No electret charge

Competitors' Coarse Fiber
Utilizes synthetic charged media

Available in 1", 2", 4" Depths

Farr 30/30® Radial Pleat VS **Competitors' V-Pleat**

1 High Lofted Media

Highly lofted media is twice as thick as competitive filters

2 Radial Pleats

Radial pleats expose all of the media area to the dirty airstream providing lower pressure drop and higher dirt holding capacity

The Farr 30/30® media is manufactured from a proprietary blend of fine fibers utilizing a mechanical particle capture principle—
No electret charge required.
Lowest average pressure drop and lasts longer, Guaranteed!

The electret charge of the competitors coarse fiber filters dissipates over time resulting in an early high pressure drop and loss of efficiency long before what should be a full life cycle.

3 Welded Wire Grid

Welded wire grid provides complete media support and maintains pleat configuration as filter airflow resistance increases.

Built strong
Designed to withstand the toughest of airflow conditions.

4 Beverage Board Frame

High wet-strength beverage board frame is resistant to moisture and has a high tensile strength.

5 Diagonal Support

Diagonal support members bonded to the media maintain pleat separation and ensure filter rigidity.

5-Star ECI Rating

Camfil's Farr 30/30 is rated as a 5-Star filter through the Energy Cost Index (ECI) program. Based upon a five-star scale, the Energy Cost Index is an indicator of what a filter will cost over its lifetime. The best rating – five stars – indicates that the filter is the most energy-efficient, longest lasting filter available.

ENERGY COST INDEX ★★★★★

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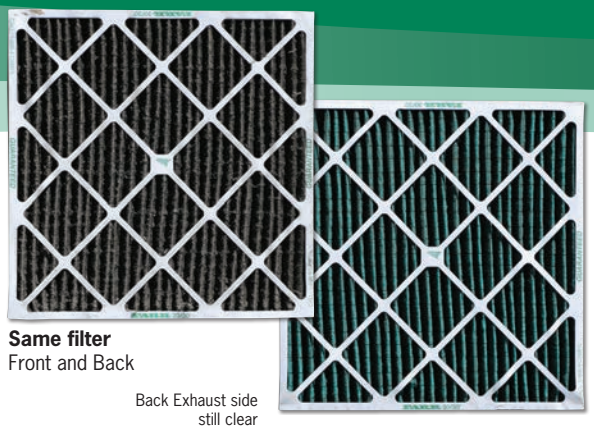


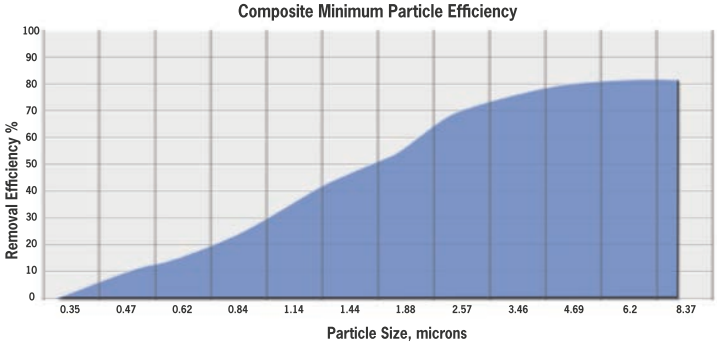
Front Intake side ladened with collected dust

Same filter
Front and Back

Back Exhaust side still clear

The choice is clear, Camfil's Farr 30/30® is the proven industry leader

Best performance, lasts longer, reduces energy costs and waste. Guaranteed!



Composite minimum particle size removal efficiencies of the Camfil Farr 30/30 above include concomitants that can foul coils and HVAC systems such as bacteria, dusts and common allergens related to health discomfort.

Science and Quality Control Standards
Each media roll is tested to ensure high level performance characteristics. Every Farr 30/30 is inspected for pleat spacing uniformity, structural integrity, and proper adhesive bonding of diagonal supports to the pleat apexes. Frequent samples are pulled from our ISO certified quality manufacturing process of ASHRAE 52.2 testing in our world-class testing facility.

Unprecedented Industry Guarantee
We are so confident in our filter's performance, we are the only manufacturer that GUARANTEES our filters will hold their rated efficiency for the entire life of the filter. If our filters don't outlast and outperform your current filters, we'll replace them, FREE. For guarantee details and a distributor list, visit www.camfil.us.

PRODUCT PERFORMANCE GUARANTEED
LASTS LONGER
LIFETIME EFFICIENCY

The above photos of the same filter (front and back) clearly illustrate the huge dust holding capacity of the Farr 30/30. This filter was in service from 12/7/2014 through 6/25/2015 in the Williamson Medical Center in Franklin, TN. Even through six and a half months and harsh drywall demolition, the exhaust side remained clean — no bleed-through or reduction in efficiency.

The Farr 30/30 can capture a wide variety of contaminants with this wide range of efficiency — bacteria, paper dust, mold, skin flakes and many others. Consult your local Camfil office for contaminant size guidance and Farr 30/30 application.

Features of Camfil's Farr 30/30®

- Exclusive media
- Radial pleat design
- Welded wire media backing
- MERV 8 and MERV-A of 8 when tested per ASHRAE Standard 52.2[a]
- High wet-strength beverage board frame
- Bonding between the frame and the media
- Bonding between the media and the diagonal supports

Camfil's multiple testing facilities ensure consistent product performance and adherence to air filtration testing standards ASHRAE 52.2 and ISO 16890 for MERV and MERV-A, and ePM_{10} published values respectively.

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