



Energy Efficient Air Filtration & Purification Products

ENERGY EFFICIENT PARTICULATE FILTERS TO REDUCE FAN ENERGY

With all of the sales hype relating to air filters and indoor air quality how can you be sure that you have selected the proper air filter for your specific application? There are industry test reports and the data published in manufacturer's literature or packaging. But, will they provide a true indicator of a filter's value over its life in your system? Usually, these are accelerated tests performed in a matter of hours, not months or years. This hardly demonstrates real world conditions.

Camfil Farr has developed a rating system to show relative energy costs of their products. The Energy Cost Index or ECI is a filter rating system that looks at the filters efficiency over its lifetime and the energy required to move air through that filter. ECI compares filters of similar construction, under the same conditions of operation and provides an indicator of TRUE performance. Specifically, the formula is dollars per percent of filter efficiency; the lower the value, the better the filter. A filter with an ECI of five stars is a stellar performer; it maintains its efficiency over its life and uses less energy to move air through the filter. It is in the top 20% of all filters evaluated.

Camfil Farr offers a wide variety of IAQ solutions to help reduce outside air needs. To name a few.....

Loose Fill Products:

Traditional solutions with high weights of adsorbent, suitable for specific application with high concentration of pollutants or where very long life is required.

Compact Products:

Contemporary solutions using fine particles of adsorptive media and operating with Rapid Adsorption Dynamics (RAD) mechanism. These products are particularly suited to IAQ applications with low gas concentrations and are light, extremely clean and very easy to maintain.

Combination Products:

These products also use fine particles of adsorptive media and operate with Rapid Adsorption Dynamics (RAD) mechanism. These products also have an integral particle filter layer. They are particularly suited to IAQ applications with low gas concentrations.



30/30® Air Filter

The Camfil Farr 30/30 is now a MERV 8 for those users that demand a high efficiency pleated panel filter. Our exclusive media maintains its efficiency throughout the life of the filter. Most MERV 8 filters available today are manufactured from a charged synthetic media that will drop in efficiency in a relatively short period of time. Camfil Farr guarantees that the 30/30 will maintain its efficiency over time and will last longer than any other pleated panel filter.



Durafil 4V

The Durafil 4V is excellent for VAV systems, air-starved systems, or any commercial, medical or industrial application where energy savings is a consideration. The Camfil Farr Durafil® 4V provides high-efficiency ASHRAE performance in a compact energy efficient design. An Energy Cost Index (ECI) of five stars is the highest performance rating available. Includes a wet-laid, microfine fiber media in a unique pleat-in-pleat V-bank design with up to 200 square feet of media area (more media than any other ASHRAE grade filter) for higher dust-holding capacity, longer system life and a lower average pressure drop.



IAQ PRODUCTS TO REDUCE OUTSIDE AIR REQUIREMENTS

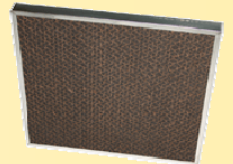
CF4A

High-capacity gaseous contaminant and odor control in a modular, built-up bank assembly. The Camfil Farr built-up bank sorbent panel assembly can be used in commercial applications, industrial applications, manufacturing facilities, medical facilities or any other applications where the control of gaseous contaminants or odors may be a concern. It may also be used to reduce outside air by increasing recirculated air, thus saving energy during the heating and cooling seasons.



Camsorb® RS 80 Two-Inch Panel

2-inch panel for removal of odors or cleaning of make-up air at medium loads. Camfil Farr Camsorb® RS 80 two-inch panels can be used to control odors or limit VOC exposure created by contaminants in the typical office environment.



Commercial and Industrial Air Movement, Cleaning and Control

Mechanical ▲ Industrial ▲ Sheet Metal ▲ Specialty