

Air Filtration Categories

Filters help to reduce wear and tear on heating/AC components such as AC coils, heat exchangers, and elec-

tronics, removing dust and dirt particles that are harmful to indoor air quality.

They are offered in a broad range of sizes and styles to meet various

applications. The four most popular filter categories are:

FIBERGLASS DISPOSABLE

Typically referred to as furnace filters, these low cost, low efficiency filters are used in HVAC applications where only minimal equipment protection is required and air quality is not a major concern.

They remove larger particles from the air stream and feature lighter weight frames.

STANDARD CAPACITY PLEATED

Engineered to improve indoor air quality while offering greater protection for HVAC equipment, these filters meet the recommended guidelines for commercial HVAC filtration developed by ASHRAE.

They feature a pleated configuration that extends the life of the filter, resulting in fewer filter changes. Their MERV 7 rating helps to keep resistance within reasonable operating limits.

HIGH CAPACITY PLEATED

Utilizes the same advanced technology as standard capacity pleated filters, but with a 50% increase in media square footage.

This typically extends the service life of the filter by 30 to 50%, as compared to standard capacity filters. Additionally, these high efficiency MERV 8 filters provide reduced resistance, and lower energy and labor costs associated with the operation and maintenance of HVAC systems.

RESIDENTIAL ALLERGEN REDUCTION PLEATED

Removes the maximum number of particles from small commercial and residential HVAC systems.

In addition to the common dust and dirt particles that other filter types remove, MERV 12 filters handle pet dander, bacteria, and smoke particles.

	Particle/Dust Removal	Allergen Reduction	Filter Surface Area	Service Life	Equipment Protection
Fiberglass	○	○	○	○	●
Standard Capacity Pleated	●	○	●	●	■
High Capacity Pleated	●	●	■	■	■
Residential Allergen Reduction Pleated	■	■	■	●	■

(○) Low performance. (●) Satisfactory performance. (■) Superior performance.