

About DDB Unlimited, Filter Ratings

Filters use MERV ratings to indicate the performance level of the filter. MERV is short for Minimum Efficiency Reporting Value.

The MERV rating system was designed with ratings ranging from 1 to 16. As the rating number increases, so does the filter's ability to trap smaller and smaller airborne contaminants; a filter with a MERV rating of 13 will be able to trap more particulates than a filter with a MERV rating of 4.

DDB Unlimited, provides a filter that falls into the class for Industrial Workplaces, Commercial, Residential, Paint Booth/Finishing. Test results are available upon request. Based on testing data, DDB Unlimited filters are rated as MERV 6.

A filter with a higher MERV rating will be able to remove smaller particles from the air passing through it. This means the air passing into the enclosure will be cleaner with less particulates. The next 2 higher performance categories are generally used for allergens, smoke removal and in hospitals; well beyond the intent for an enclosure application with a Type 3R rating. Higher MERV ratings also mean higher cost and restrict airflow.

The categories for filters are explained further, below:

Basic Protection

Filters with MERV ratings between 1 and 4 provide the most basic filtering protection. These filters are designed to and used primarily to protect an HVAC unit's coils from becoming coated with dust and dirt, but are not efficient at removing allergens from the air or improving the quality of air. Filters rated MERV 1 through 4 are the most budget friendly.

General Filtration

Air filters with a MERV rating of 5 and 8 will remove more particulates and typically last longer than a filter with a MERV rating of 4. MERV 5 - 8 filters will remove dust and dirt, but will also capture pollen, some mold spores and other particulates. MERV 5 - 8 filters provide great filtration for those on a budget.

Maximum Filtration

MERV rating of 13 – 16 may drastically help improve indoor air quality. Filters with high MERV ratings reduce airborne impurities such as dust, dirt, pollen, mold spores, pet dander and more from circulating air.