

FIBERGLASS AIR FILTERS

Calhoun Associates manufactures custom and standard size fiberglass panel air filters. Fiberglass air filters are made of a spun-glass fiber media that captures larger particles so they do not move past the air filter. These air filters are a disposable impingement type of filter and are discarded after use. The spun-glass fiber media is not formally tested but these filters generally rate from a 2-4 on the MERV rating scale and will capture particles such as pollen, large dust, textile and carpet fibers.



HIGHLIGHTS

- ◆ Sturdy and economical panel air filter
- ◆ Available in a wide range nearly any custom size
- ◆ Custom sizes with depths ranging from one-half inch to two inches
- ◆ Many standard size fiberglass filters are stocked

TYPICAL APPLICATIONS

Calhoun Associates fiberglass panel air filters are designed for use in any application where disposable panel filters are recommended. They are well suited for residential and some commercial uses. They may be used in window air conditioner units or in an application where low resistance to airflow is required. Fiberglass panel filters may also be used as a primary (pre) air filter to secure larger particles and extend the service life of higher efficiency filters in order to protect heating and cooling coils, fans and ductwork.

CONSTRUCTION

Calhoun Associates fiberglass panel air filters are manufactured so the media is secured to the interior frame support by a continuously glued seal resulting in exceptional strength.

Frame: A one piece moisture resistant high strength chipboard is used to enclose the media and prevent broken corners.

Support: On larger size and greater depth filters, metal or cardboard support may be added for additional rigidity.

Sealant: a synthetic resin hot melt or a fast setting cold glue-water based adhesive is used to bond the frame and media

Media: adhesive coated spun glass fiber media



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Inc.
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