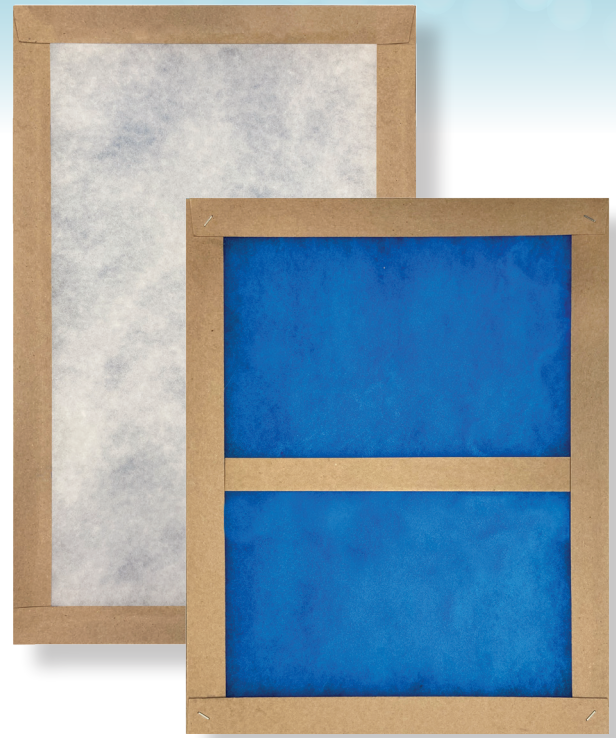


POLYESTER AIR FILTERS

Calhoun Associates manufactures custom and standard size polyester panel air filters. Polyester air filters are made of a synthetic fiber media that captures larger particles so they do not move past the air filter. The media is manufactured so there is consistent fiber distribution throughout. These air filters are a disposable impingement type of filter and are discarded after use. The synthetic polyester fiber media is formally tested and polyester filters are manufactured with MERV rated media ranging from 4-8 depending on the filter depth. Polyester air filters will capture particles such as mold and spores, pollen, dust and fibers.



HIGHLIGHTS

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

TYPICAL APPLICATIONS

Calhoun Associates polyester panel air filters are designed for use in any application where disposable panel filters are recommended. They are well suited for residential, some commercial and industrial uses. They may be used in an application where low resistance to airflow is required. Polyester 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 polyester panel air filter is 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 prevents 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: synthetic polyester material available with a MERV rating of 4-8 depending on filter depth

- ◆ Also available with a Poly SCRIM material media



Calhoun
Associates,
Inc.
Your Clean Air Specialists