

PLEATED AIR FILTERS

Calhoun Associates manufactures custom size pleated air filters. Pleated air filters are made of an extended surface media of consistent size and blend distribution. They capture, or impinge, moderate sized particles so they do not move past the air filter. Pleated air filters are a disposable impingement type of filter and are discarded after use. The pleated extended surface media is formally tested and pleated filters are manufactured with MERV rated media ranging from 10-13. Depending on the MERV rating, pleated filters will capture particles such as various dusts (humidifier, lead, coal), auto emissions, some virus and bacterias, molds and spores, pollen, textile fibers.



HIGHLIGHTS

- ◆ Sturdy, higher efficiency extended surface air filter (as compared to panel filter)
- ◆ Available in a wide range nearly any custom size
- ◆ Custom sizes with depths ranging from one-half inch to two inches
- ◆ Available in MERV 10 (standard), MERV 11 and MERV 13 filters
- ◆ Many standard size pleated MERV 10 and MERV 13 air filters are stocked

TYPICAL APPLICATIONS

Calhoun Associates pleated extended surface air filters are designed for use in any application where disposable air filters are recommended. They are well suited for residential, commercial and industrial uses. Pleated air 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 pleated extended surface 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 prevents broken corners

Support: on larger size and greater depth filters, a 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: electrostatically enhanced synthetic pleated media with wire inlay available with a standard or high capacity number of pleats

- ◆ **Standard Capacity:** 10 pleats per linear foot of media
- ◆ **High Capacity:** 15 pleats per linear foot of media providing more surface areas for particles and debris to be captured
- ◆ **MERV 10, 11, 13**



Calhoun
Associates,
Inc.
Your Clean Air Specialists