

# 1" MERV 8 pleated filter

## General

The MERV 8 economy pleated filter features a filtering medium that is more efficient and ecologically friendly. Made entirely from recycled materials, this medium achieves MERV 8 efficiency with low resistance to airflow. It is also unaffected by high humidity and is hydrophobic (non-moisture absorbing).

All MERV 8 economy pleated filters are 20-25% efficient by ASHRAE 52.1-92 and MERV 8 per ASHRAE 52.2-99.

## Physical data

- Frame: moisture-resistant clay coated frame made with recycled material
- Media: 100% non-woven synthetic media manufactured from recycled material
- Media support: diamond-shaped expanded metal
- Pleat design: V-pleat
- Pleat count: 13

## Pressure drop

- 0.2" w.g. @ 300 fpm
- 0.35" w.g. @ 500 fpm

## Dimensions

Model	02	03	04	06	08	10	12
All	7.25" x 21.5"	7.25" x 27.5"	7.25" x 33.5"	7.25" x 45.5"	7.25" x 51.5"	7.25" x 59.5"	7.25" x 69.5"



## Features

- Ecologically advanced filtration medium made entirely from recycled materials
- Media maximizing V-pleat design
- Expanded metal grid prevents media flutter while in operation
- Diagonal and horizontal support members provide frame strength
- Filter media pack is sealed to eliminate air bypass
- Average ASHRAE efficiency is 25-30%
- Average arrestance is 90-92%