

# FILTRATION GROUP

## HEGA® DUAL-PAK FILTER



### First Stage Particulate Media

- Advanced pleat geometry for even dust loading and maximum service life
- MERV 14 and MERV 11 models available
- Robust filter media resists tearing or damage

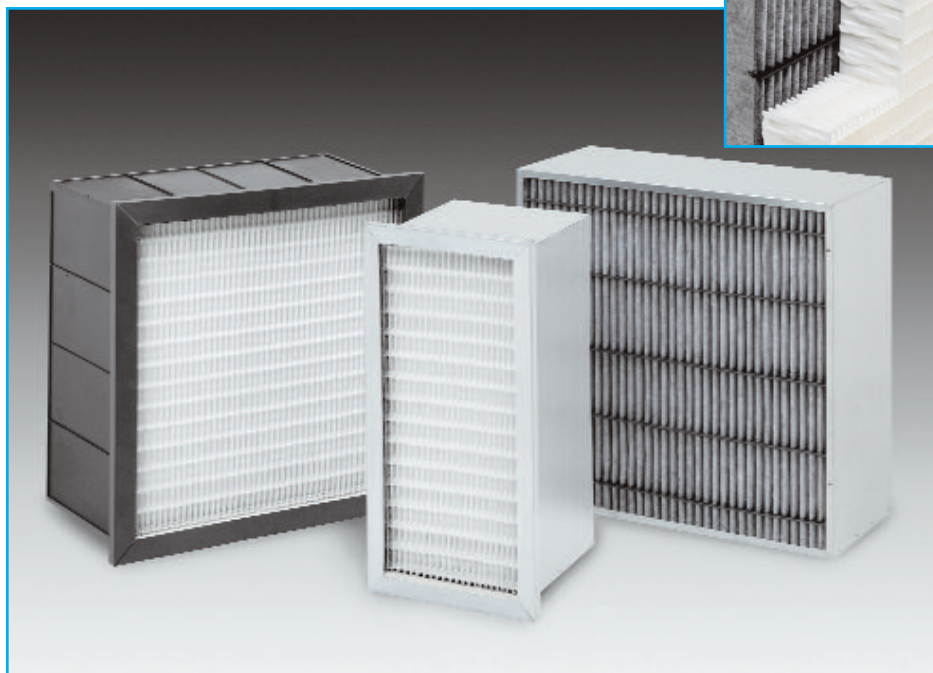


### Second Stage Gas Phase Media

- Odor control for demanding IAQ applications
- A wide variety of media options for improved removal of specific gases, such as VOC's, ozone, acid gases and formaldehyde

### General Features

- Patented particulate and gas phase media technologies
- Available in a variety of styles to fit your HVAC retrofit needs
- Low pressure drop



### DESCRIPTION

**F**iltration Group's HEGA Dual-Pak filter is a dual-stage filter consisting of a pleated particulate first stage media along with a second stage gas removal media. This filter is designed to operate at a temperature up to 120°F.

### BENEFITS

The HEGA Dual-Pak's first stage patented particulate media technology utilizes a thermal embossing pleating and glue bead media separation technique. This creates a three-dimensional pleat in the media. This patented method of pleating and spacing allows the air stream to gently transition into the media, distributing the air evenly throughout the depth of the media. In addition, the media filter is tremendously resistant to tears and punctures. The rigid pleat pack does not require an upstream grid to protect the media from damage. The media is also resistant to moisture and microbial growth. The robust design and effective collecting of particulate by the first stage particulate media, allows the second stage gas phase media to perform more efficiently and with fewer changeouts.

The second stage of the HEGA Dual-Pak consists of a patented HEGA gas phase media. It utilizes a high grade activated carbon for high efficiency removal of odors, irritants and corrosives which can be found in the air.

The unique structure of the carbon media bond provides much greater capacity than other types of carbon/polyester filters. This results in longer life and better performance throughout the life cycle of the filter.

### APPLICATIONS

The HEGA Dual-Pak filter is well suited for demanding HVAC applications in office buildings, hospitals, airports and other installations where indoor air quality problems can be found.

This filter is offered in a variety of standard sizes which will easily fit into most existing HVAC units and new construction.

HEGA Dual-Pak filters are available in a variety of frame style types including box and single header galvanized steel as well as single header polystyrene frames.



PERFORMANCE DATA	MERV 14*	
Air Flow (cfm)	1500	2000
Initial Pressure Drop ("w.g.)	0.50	0.75
Comparable Atmospheric Efficiency (ASHRAE 52.1)@2000 cfm*	90-95%	

\*Reference ASHRAE 52.2 - 2007

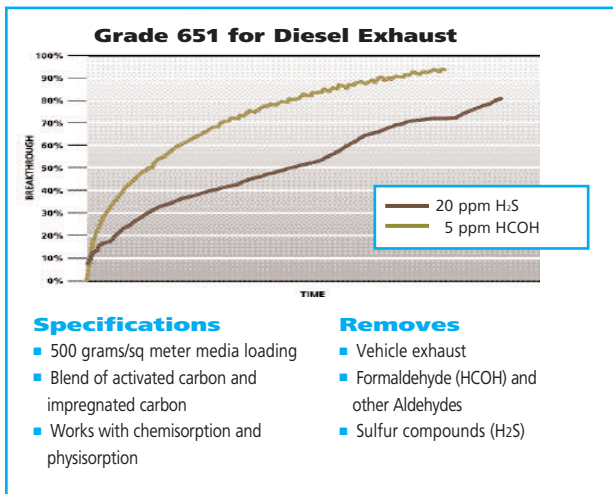
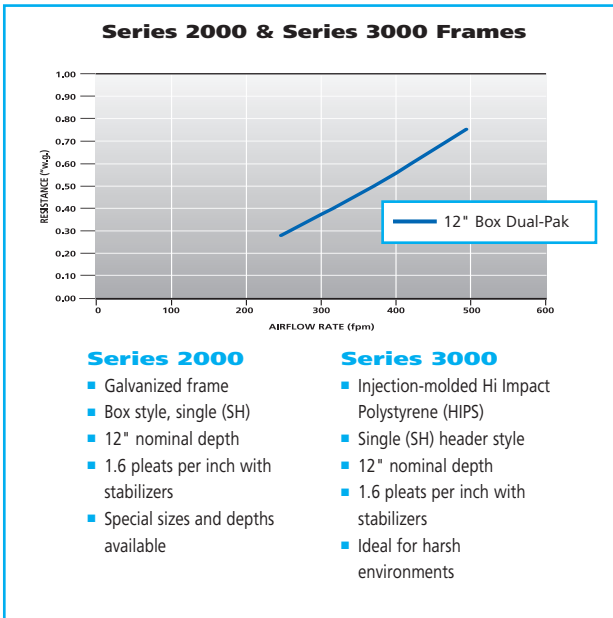
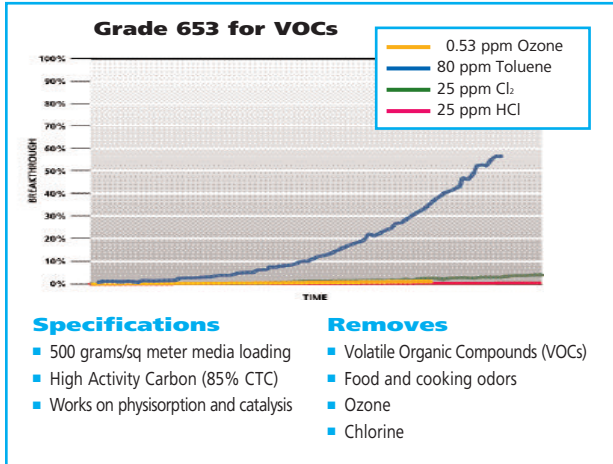
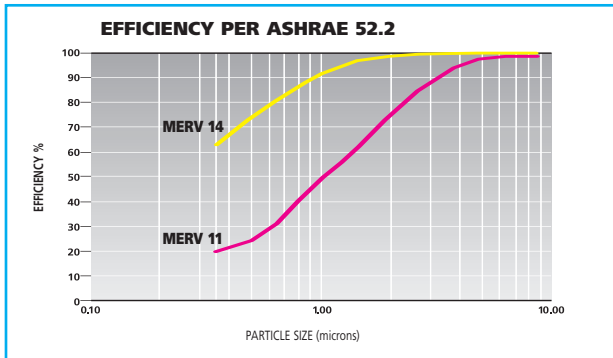


Internal view of HEGA® Dual-Pak

## APPLICATION PARAMETERS

Maximum Temperature: 120° F  
 Recommended Final Resistance: 1.5" w.g.

- HEGA 875 (Acid Gas Removal) and HEGA 147 (Amine Removal) media options are available upon request.
- MERV 11 models also available.



DISTRIBUTED BY

© FGI 05/07

