

Chemisorbant Pleated Filter



The Chemisorbant Media Pleated Filter is specifically designed to prevent unpleasant odors and gaseous pollutants from entering the building's HVAC system.

A patented material suspends any PureAir superior quality adsorbent media in a synthetic web matrix. The deep pleat filter design maximizes surface area for important first pass removal efficiency.

Rigid filter construction minimizes restriction of airflow and is designed for use both in VAV and consistent velocity air systems. Box style and single header frames are available for seamless retrofit to existing units or new installations. PureAir adsorbent media can remove organic, inorganic, chlorinated hydrocarbons, and many miscellaneous gases. Special adsorbent media blends can be used for targeted contaminant removal.

Product Details and Options:

Sizes:

- Available in depths from 2" to 12"
- Available in all standard ASHRAE nominal sizes; ask factory for exact dimensions

Frame: Available in steel or plastic box, or steel or plastic single header styles

Media: Available with any PureAir adsorbent media

- Standard Fill:
 - A 24 x 24 x 2" filters has 1.3 lbs of media
 - A 24 x 24 x 12" filters has 7.8 lbs of media
- Premium Fill (available for filters deeper than 2"):
 - A 24 x 24 x 12" filters has 9.8 lbs of media

Resistance (Examples for 2" and 12"):

- 2" Depth
 - 500FPM - .45 iwg
- 12" Depth
 - 300FPM - .167 iwg
 - 500FPM - .425 iwg



Other Details:

Media options: see list of PureAir specialty adsorbent media

Frame: 26 gauge galvanized steel frame with diagonal support struts. Optional high impact plastic frame available.

Sealant: Media pack shall be bonded to frame utilizing moisture resistant adhesive for continuous seal.

Gasketing: Optimal premium closed cell neoprene gasket available.

Maximum Operating Temp: 140° F

UL Classified in accordance to UL 900

Even pleat spacing for maximum airflow. Pleat packs formed using patented web filter technology.



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