

CARBON FILLED HONEYCOMB AIR FILTERS



- Effectively removes odorous and irritating gaseous contaminants
- Combination particulate and gas phase filter (Also available without particulate prefilter)
- Disposable, easy to use, low service cost
- Effective gas phase filtration in a compact design
- Fits all standard front access frames & side access housings
- Excellent gas phase filter for re-circulated air applications



DESCRIPTION

These combination particulate and carbon filters are designed for the control of intermittent odor problems in re-circulated air applications.

Honeycomb style filters are designed to remove a wide range of odors and common indoor air pollutants. The honeycomb style filter is also available with a prefilter for use where you are concerned about both molecular and particulate contaminants. These honeycomb style filters are constructed using a water resistant board frame. The activated carbon is held in a honeycomb support, which can be combined with a pleated filter element or polyester pad filter.

BENEFITS

Carbon-filled honeycomb products are best suited for use in re-circulation applications. Their moderate single pass removal efficiency, coupled with a high service life provides excellent protection in air re-circulation systems.

APPLICATIONS

The honeycomb style filter is ideally suited for use in re-circulation systems where multi-pass removal is suitable.

The honeycomb style filters are used extensively in office buildings, hospitals, airports, food courts, and manufacturing facilities.



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DIMENSIONS AND PERFORMANCE DATA

Odors removed by Honeycomb Filters

Cooking Odors
Sewer odors
Most Volatile Organic Compound (VOC) Odors

Gasoline Fumes
Environmental Tobacco Smoke

Carbon-filled Honeycomb with Prefilter (100% fill)			
Part No.	Nominal Size*	Actual Size	Media Weight per Filter
17022	12x24x1	11-3/8x23-3/8x3/4	1.40
16788	24x24x1	23-3/8x23-3/8x3/4	2.80
16790	12x24x2	11-3/8x23-3/8x1-3/4	2.00
16797	24x24x2	23-3/8x23-3/8x1-3/4	4.00

*Other sizes available on request.

SUGGESTED SPECIFICATION

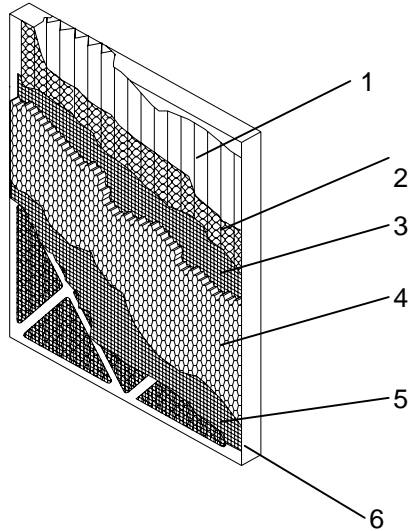
FILTER TYPE: Disposable air filters using both particulate and molecular removal media. Carbon-filled honeycomb air filters are also available without prefilters.

GENERAL DESCRIPTION: Filter shall be designed for particulate and molecular contamination control as manufactured by Filtration Group, Inc.

CONSTRUCTION: Filter shall be constructed using a water resistant die cut frame, with a pleated filter (polyester pad in the 1" nominal) element combined with a partially filled honeycomb panel.

Each filter shall be individually sealed in a plastic bag before being placed in individual cartons at the factory.

2" Filter Construction (Cut Away)



Filter Components (Beginning on Air-Entering Side)

- 1 – *Pleat Media (for particulate removal)
- 2 – *Expanded Metal (for support of pleat media)
- 3 – Fine Mesh (for holding carbon in honeycomb)
- 4 – Honeycomb Support Grid (to hold carbon in air stream)
- 5 – Fine Mesh (as above)
- 6 – Water Resistant Die-Cut Frame

*NOTE: For 1" version a poly pad and no expanded metal replace the pleat media.

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"Over 35 Years of Filter Excellence"

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