DISPOSABLE HONEYCOMB FILTERS

DESCRIPTION

General purpose filter recommended for use in controlling light duty odors in commercial IAQ applications. The filter is available in fill percents from of 25% through 99% and depths up to 4 inches. It can utilize activated carbons, impregnated carbons, specialty media or any combination of the above. The 75%-99% fill products are recommended for use in V-Bank installations or in air handling units that can accommodate the higher pressure drop. Honeycomb filters are not recommended for use in high humidity applications.

CONSTRUCTION AND SPECIFICATIONS

Honeycomb filters are constructed of corrugated kraft cell standard altitude 5/8” and are surrounded by a metal frame of 0.016 aluminum, sealed with a dextrin adhesive. The media is held in the cells with a nylon tolle grill, and adhered to the cells with PVA. Optional frames include 0.032 aluminum and 30 gauge galvanized, die-cut chipboard sealed with a dextrin adhesive. In most applications using the 99% fill, the nylon grille is replaced with aluminum screens on both sides. Optional grills include, spun bond polyester, open cell foam and activated carbon non-woven media, all of which serve as a upstream or downstream dusting filter. The filter can be manufactured using 3/8” cells in thicknesses ranging from 3/8” to 12”.

SIZES

Standard sizes include: 16x20, 16x25, 20x20, 20x25, 24x24, and 12x24 in both 7/8” and 1 7/8” thickness. Custom sizes are available. Maximum width is 24”, maximum length is 36”, maximum depth is 12”. Standard undercut is 1/2”, custom undercut and exact sizes are readily available.