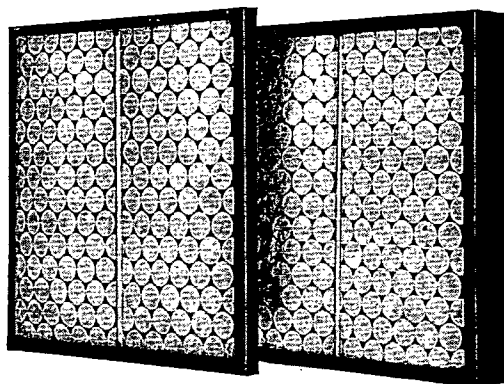


Owens-Corning Fiberglas Corporation

Toledo 1, Ohio

DUSTOP[®] AIR FILTERS —a FIBERGLAS[®] product

*U.S. REG. U.S. PAT. OFF.



Dust-Stop Air Filters are replaceable impingement-type filters for use in all systems in which air is moved mechanically—central heating, ventilating and air-conditioning systems, and forced-warm-air furnaces.

Dust-Stops provide high air filtering efficiency. They are constructed of packs of glass fibers (Fiberglas[®]), coated with an adhesive, faced with a metal grille, and bound on the edge with a fiberboard frame.

The Fiberglas fibers, packed to proper density, form an exceptionally effective medium for air filtration. Being glass, they are inorganic, chemically stable, resistant to heat and corrosive vapors.

And being of glass, they do not absorb the nonodorous, nonevaporating adhesive with which they are coated. Each impinged particle of dust is quickly soaked, acting as a wick to carry adhesive to other particles. Thus, the adhesive remains effective until the filter is so heavily loaded with dust that resistance to air flow calls for replacement.

A minimum of manpower and time is required in replacing economical Dust-Stops—and they can be obtained quickly from near-by suppliers. Dust-Stops are made in two standard types: No. 1 (1 in. thick) and No. 2 (2 in. thick). Both are available in several sizes.

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DUSTOP[®] AIR FILTERS AND FRAMES

*U.S. REG. U.S. PAT. OFF.

TWO TYPES OF FRAMES—

Dust-Stop Air Filters may be installed in banks of either "L" Type or "V" Type Dust-Stop Air Filter Frames. Both types of frames are designed, patented and manufactured by Owens-Corning Fiberglas Corporation for the convenient handling of Dust-Stop Air Filters.

The choice between "L" and "V" Type frames is determined by the frontal area available. The "L" Type frame requires less depth within the duct or plenum chamber but takes a larger face area than the "V" frame for the same cfm capacity. However, it can be set in various arrangements that reduce the required face area by increasing the depth.

The "L" Type frame two filters deep is designed to hold two No. 1 Dust-Stop Air Filters in each cell. The "L" Type

four filters deep holds four No. 1 Dust-Stop Air Filters (20 in. x 20 in.). "L" Type frames can be provided in any size from a single unit having one cell at a rated capacity of 800 cfm at a velocity of 300 lineal feet per minute to a unit consisting of 91 cells with a capacity of 72,800 cfm.

The "V" Type frame contains two "cells" each forming one side of the "V." Each cell will hold up to four No. 1 or two No. 2 Dust-Stop Air Filters. "V" Type frames take only the 20 in. x 25 in. filters. The "V" frames are available in any size from a single unit having a capacity of 2000 cfm to a 98 cell unit with a capacity of 98,000 cfm.

All frames are 13-gauge cold rolled steel and are shipped knocked down and crated, complete with all parts and instructions necessary for easy and rapid assembly.



"L" Type Frame



"V" Type Frame