

Owens-Illinois Glass Company

INDUSTRIAL AND STRUCTURAL PRODUCTS DIVISION

Toledo, Ohio

AIR FILTERS FOR APPLICATION TO RESIDENTIAL, COMMERCIAL and INDUSTRIAL HEATING, VENTILATING and AIR-CONDITIONING SYSTEMS

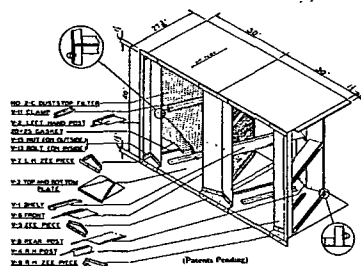
DUSTOP

"FIBERGLAS" MEDIUM - ADHESIVE-COATED - REPLACEMENT TYPE

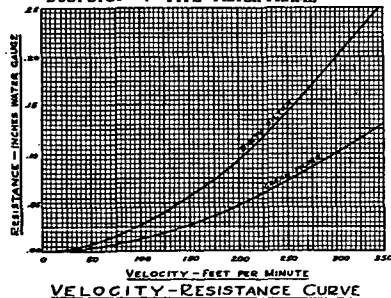
The Dust-Stop Air Filter consists of a series of non-combustible mats of Fiberglas, progressively packed—coarse glass fibers of lesser density at the intake and fine glass fibers of greater density at the discharge face.

Mats are coated with non-evaporating fireproof adhesive having extraordinary wetting power, will retain viscosity under operating temperatures ranging from 15 F below to 300 F above zero, will not flow off or charge the air with molecules. . . Dust-Stop Air Filters are engineered to provide high efficiency at low cost of installation and maintenance.

Efficiency—97 per cent (Tested according to A.S.H.V.E. Standard Code for Testing and Rating Air Cleaning Devices Used in General Ventilation Work).



DUST-STOP "V" TYPE FILTER FRAME



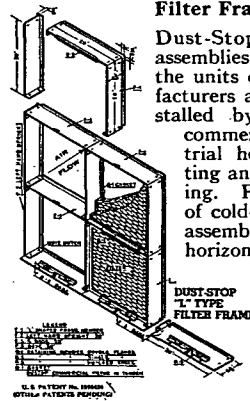
Manufacturers' Acceptance

Dust-Stop Air Filters are widely accepted by manufacturers of blowers, gravity and forced warm air heating systems, and air conditioning equipment of all kinds. Special enclosed units are available for conditioning air for commercial and industrial air-handling problems.

handling

Filter Frames

Dust-Stop Filter frame assemblies are standard in the units of many manufacturers and are also installed by engineers of commercial and industrial heating, ventilating and air conditioning. Frame members of cold-rolled steel are assembled vertically or horizontally in combinations to provide for any cfm and space requirement.



STANDARD SIZES FOR EQUIPMENT*

Standard Sizes (Nominal)	Ratings		Resistance Inches Water Gauge
	Cfm	Fpm	
20" x 25" x 2"	1000	300	0.095-0.10
20" x 20" x 2"	800	300	0.095-0.10
16" x 25" x 2"	800	300	0.095-0.10
16" x 20" x 2"	640	300	0.095-0.10

*Other standard sizes available.

Write Owens-Illinois Glass Company for information and data.

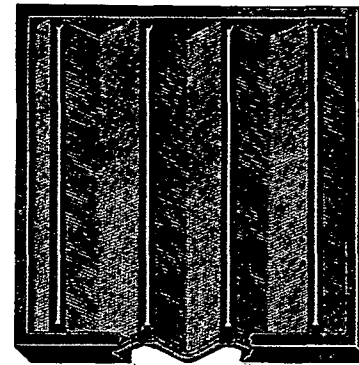
H. J. Somers, Incorporated

Factory and General Office

6063 Wabash Avenue

Detroit, Mich.

Somers Washable Air Filter



All Welded Vee Type

Somers Hair Glass Filters provide everything required in an efficient air-cleaning system. Consider these features: High rating for dust, soot and bacteria separation. Require no adhesive, coating or impregnation. Indestructible in normal service. Minimum Low Pressure Drop. Odorless and non-absorptive. Fireproof; Washable; Do not rot nor disintegrate; Permanent.

Somers Hair Glass Filters consist of a hot galvanized frame holding galvanized wire cloth packed with hair-spun glass strands. The glass strands are flexible, do not break up and cannot be drawn into air stream.

Hair-Glass, being chemically inert, has no facility of absorption; it cannot rust and lasts indefinitely in service. Water either hot or cold may be used to clean it, without impairing its efficiency.

These filters eliminate the necessity, the expense and the inconvenience of periodic replacement.

Somers Washable Air Filter—All Welded Vee Type—Stock Sizes

Frame Size Height and Length In.	Frame Depth In.	Filter Surface Sq In.	For Average Dry Filter Installations CFM	Wet Application where water sprays are applied against filter for humidifying CFM
15 1/4 x 24 1/2	3 3/4	1023	1023	511
15 1/4 x 24 1/2	3 1/2	1110	1110	555
16 x 21 1/2	3 3/4	816	816	408
16 x 25	3 3/4	1056	1056	528
16 x 25	3 1/4	1632	1632	816
16 x 25	3 1/4	1344	1344	672
16 x 25	3 1/4	1440	1440	720
16 x 25	3 3/4	864	864	432
16 1/2 x 24 1/2	3 3/4	800	800	400
18 x 18	3 3/4	864	864	432
19 x 20	3 3/4	1482	1482	741
19 1/4 x 19 3/4	3 3/4	1039	1039	519
19 1/4 x 20	3	1039	1039	519
19 3/4 x 19 1/2	3	936	936	468
19 1/2 x 19 1/2	3 1/4	1053	1053	526
19 1/2 x 19 1/2	2	480	480	240
19 1/2 x 19 1/2	3	936	936	468
19 1/2 x 19 1/2	3 1/4	1170	1170	585
20 x 25	3 3/4	1800	1800	900
20 x 30	3 3/4	1800	1800	900
20 x 20	3 3/4	1040	1040	520
20 x 20	3	1560	1560	780
20 x 20	3 1/4	1200	1200	600
20 x 20	2	480	480	240
20 x 20	3	840	840	420
20 x 20	3	960	960	480
20 x 20	3 1/4	1320	1320	660
20 x 25	3 1/4	1560	1560	780
20 3/4 x 20 1/4	3	550	550	275

Frames zinc plated for 100 hour salt water spray test. Refill may be inserted if necessary.

Quotations and further engineering data, including master holding frame drawings will be sent on request.