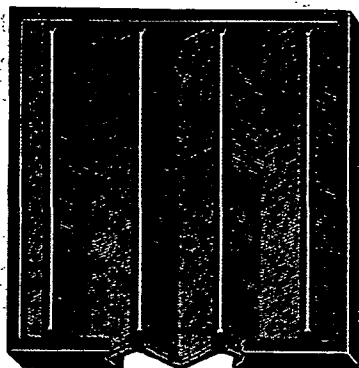


H. J. Somers, Incorporated

Factory and General Office

6063 Wabash Avenue

Detroit, Mich.



All Welded Vee Type

Somers Washable Air Filter

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 (Partial List)

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 hu- midifying CFM
15 1/2 x 24 1/2	3 3/4	1023	1023	511
15 3/8 x 24 5/8	3 1/4	1110	1110	555
16 x 21 1/2	3 3/8	816	816	408
16 x 25	3 3/8	1056	1056	528
16 x 25	3 3/4	1632	1632	816
16 x 25	3 3/4	1344	1344	672
16 x 25	3 3/4	1440	1440	720
16 x 25	3 3/8	864	864	432
16 1/2 x 24 1/2	3 3/8	800	800	400
18 x 18	3 3/8	864	864	432
19 x 20	3 3/4	1482	1482	741
19 1/4 x 19 3/8	3 3/4	1039	1039	519
19 1/4 x 20	3	1039	1039	519
19 3/8 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 3/8	1800	1800	900
20 x 30	3 3/8	1800	1800	900
20 x 30	3 3/4	2040	2040	1020
20 x 30	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

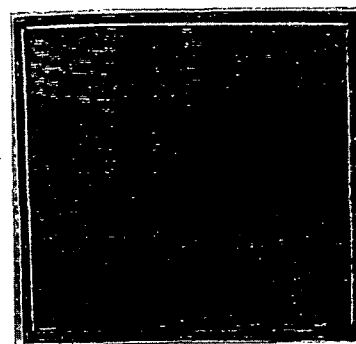
Other sizes from 9 1/2 x 30 to and inclusive of 31 in. x 23 1/4 also available. Send for complete stock size list. Frames zinc plated for 100 hour salt water spray test. Refill may be inserted if necessary.

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

Supreme Air Filter Company

126 West 21st Street, New York 11, N. Y.

SUPREME WASHABLE DRY TYPE AIR FILTERS
AUTOMATIC OR MANUAL CLEANING



Supreme Air Filter (Before and after cleaning)

Supreme Air Filters are made of a spun glass filter media, annealed under a patented process, and covered with a galvanized or copper wire mesh 25-06, encased in a galvanized or copper frame.

Supreme Filters offer a low resistance to the free flow of air, are light in weight and easy to handle. All cells are equipped with handles and interchangeable in the same bank.

Supreme Filters are made in flat and sawtooth types: The flat filter is encased in a 1/2 in. frame, for convenience in ordering and lower cost production. The sawtooth type is corrugated the depth of the cell frame thereby increasing the filtering surface in a given area.

The spun glass in Supreme Filters is FIRE, ROT and VERMIN proof and not attacked by any chemical other than hydro-fluoric acid; it is approved by the Board of Fire Underwriters.

The important factor in rating a filter is generally not the removal of a certain per cent of dust by weight but rather the effectiveness for taking out certain objectionable constituents, which may be either the finest particles present or the coarser ones within a certain range. The lower number per cent of dust particles in buildings and out-of-doors occur just after air washing by rain or snow storm, and the greatest number in busy streets on dry days.

Supreme Filters can be washed in hot or cold water, adding a little soap powder or solvent, and spraying with not over 25 lb. water pressure.

New mats can be supplied for all Supreme cell frames where mats become worn out or defaced, thereby saving the cost of a new frame.

TABLE OF SUPREME AIR FILTER SIZES

Sizes	C.F.M.	Mat, SQ'	EFFY	Pd. W.G.	Sizes	C.F.M.	Mat, SQ'	EFFY	Pd. W.G.
1'					3'				
16" x 20"	480	480	94.5	.14"	16" x 20"	1500	1500	97.1	.18"
16" x 25"	480	480			16" x 25"	1500	1500		
20" x 20"	480	480			20" x 20"	1500	1500		
20" x 25"	480	480			20" x 25"	1500	1500		
2'					4'				
16" x 20"	800	800	95.7	.16"	16" x 20"	2000	2000	98.0	.20"
16" x 25"	800	800			16" x 25"	2000	2000		
20" x 20"	800	800			20" x 20"	2000	2000		
20" x 25"	800	800			20" x 25"	2000	2000		

Some Users of Supreme Air Filters

B. Altman Company
Bendix Radio Corporation
Bethlehem Steel Corporation
Christ Hospital
Celgate Palm Olive Peet Company
Commercial Bank & Trust Company
Conde Nast Company
Dime Savings Bank
E. I. DuPont de Nemours & Co., Inc.
Fifth Avenue Hotel
Garment Capital Center
Geigy Dye Works

Koss Restaurant
Masonic Temple
Modern Industrial Bank
New Amsterdam Theatre
New York Central R. R.
New York Telephone Bldg. Corp.
New York Trust
Ohio Power Company
Pabst Air Cond. Corp.
Panama Steamship Line
Posi Print Works
Riegel Paper Corp.

Supreme Air Filters have been approved by the Maritime Commission for use on the C-2 ships.

Gulf Shipbuilding Co.
Moore Dry Dock Co.
Mantowac Shipbuilding Co.
U. S. S. A. So. Africa
International Tel. & Tel.
Colonial Trust Co.
Western Electric Company.

Write Supreme Air Filter Company for complete information and prices