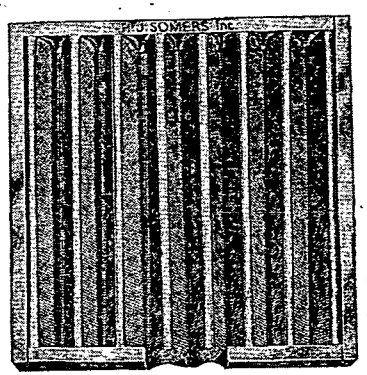
H. J. Somers, Inc.

—6063 Wabash Ave., Detroit 8, Mich.

Agents in All Principal Cities

SOMERS Heavy Duty Industrial Filter



All Welded Vee Type
Patent No's. 2008800, 2130107

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.
- Permanent—Do not rot nor disintegrate.
- All welded zinc-plated 20 ga. steel frame.
- Metal protection strip on apex.
- Glass cloth between hot-dipped hardware cloth.
- Glass ribbon seal so air cannot short circuit.

Somers Hair Glass Filters consist of a 20 gauge 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 FILTERS All Welded Vee Type Stock Sizes

Frame Size Height and Length	Frame Depth	Filter Surface Square Inches	For Average Dry Filter Installations	Wet Application
8" x 12"	3 1/16"	288	288 C.F.M.	144 C.F.M.
12" x 12"	2 1/16"	288	288 C.F.M.	144 C.F.M.
12" x 20"	3 1/16"	720	720 C.F.M.	360 C.F.M.
15 1/16" x 24 1/16"	3 1/16"	1023	1023 C.F.M.	511 C.F.M.
15 1/16" x 24 1/16"	3 1/16"	1674	1674 C.F.M.	837 C.F.M.
15 5/16" x 24 5/16"	2"	480	480 C.F.M.	240 C.F.M.
15 5/16" x 24 5/16"	3 1/16"	1110	1110 C.F.M.	555 C.F.M.
16" x 20"	2"	384	384 C.F.M.	192 C.F.M.
16" x 21 1/16"	3"	816	816 C.F.M.	408 C.F.M.
16" x 25"	2"	480	480 C.F.M.	240 C.F.M.
16" x 25"	2 1/16"	624	624 C.F.M.	312 C.F.M.
16" x 25"	3"	864	864 C.F.M.	432 C.F.M.
16" x 25"	3 1/16"	1344	1344 C.F.M.	672 C.F.M.
16" x 25"	3 1/16"	1440	1440 C.F.M.	720 C.F.M.
16" x 25"	3 1/16"	1632	1632 C.F.M.	816 C.F.M.
16" x 25"	3 1/16"	1056	1056 C.F.M.	528 C.F.M.
18" x 18"	3 1/16"	864	864 C.F.M.	432 C.F.M.
18" x 18"	3 1/16"	1134	1134 C.F.M.	567 C.F.M.
18" x 24"	3"	1080	1080 C.F.M.	540 C.F.M.
19 1/16" x 19 1/16"	2"	480	480 C.F.M.	240 C.F.M.
19 1/16" x 19 1/16"	3"	819	819 C.F.M.	409 C.F.M.
19 1/16" x 19 1/16"	3"	936	936 C.F.M.	468 C.F.M.
19 1/16" x 19 1/16"	3"	995	995 C F M.	497 C.F.M.
19 1/16" x 19 1/16"	3 1/16"	1053	1053 C.F.M.	526 C.F.M.
19 1/16" x 19 1/16"	3 1/16"	1170	1170 C.F.M.	585 C.F.M.
19 1/16" x 19 1/16"	3 1/16"	1696	1696 C.F.M.	848 C.F.M.
20" x 20"	2"	480	480 C.F.M.	240 C.F.M.
20" x 20"	2 1/16"	600	600 C.F.M.	300 C.F.M.
20" x 20"	2 1/16"	780	780 C.F.M.	390 C.F.M.
20" x 20"	2 1/16"	840	840 C.F.M.	420 C.F.M.
20" x 20"	3"	960	960 C.F.M.	480 C.F.M.
20" x 20"	3 1/16"	1020	1020 C.F.M.	510 C.F.M.
20" x 20"	3 1/16"	1200	1200 C.F.M.	600 C.F.M.
20" x 20"	3 1/16"	1320	1320 C.F.M.	660 C.F.M.
20" x 20"	3 1/16"	1680	1680 C.F.M.	840 C.F.M.
20" x 25"	2"	600	600 C.F.M.	300 C.F.M.
20" x 25"	2 1/16"	1020	1020 C.F.M.	510 C.F.M.
20" x 25"	3 1/16"	1560	1560 C.F.M.	780 C.F.M.
20" x 25"	3 1/16"	1800	1800 C.F.M.	900 C.F.M.
20" x 30"	3 1/16"	1800	1800 C.F.M.	900 C.F.M.
20" x 30 1/16"	3 1/16"	2400x	2400 C.F.M.	1200 C.F.M.
23" x 20"	3 1/16"	1656	1656 C.F.M.	828 C.F.M.
23 1/16" x 23 1/16"	3 1/16"	1621	1621 C.F.M.	810 C.F.M.
23 1/16" x 17 1/16"	3"	1068	1068 C.F.M.	534 C.F.M.
24" x 25 1/16"	3 1/16"	1872	1872 C.F.M.	936 C.F.M.
25" x 20"	3 1/16"	1800	1800 C.F.M.	900 C.F.M.
26" x 23 1/16"	2 1/16"	936	936 C.F.M.	468 C.F.M.
26" x 23 1/16"	2 1/16"	936	936 C.F.M.	468 C.F.M.
26" x 34"	3 1/16"	2652	2652 C.F.M.	1326 C.F.M.
28" x 33 1/16"	2 1/16"	1428	1428 C.F.M.	714 C.F.M.
29" x 33 1/16"	3 1/16"	3045	3045 C.F.M.	1520 C.F.M.
30" x 15"	3 1/16"	1800	1800 C.F.M.	900 C.F.M.
30" x 20"	3 1/16"	1800	1800 C F M.	900 C.F.M.
30" x 24"	3"	1800	1800 C.F.M.	900 C.F.M.
31" x 23 1/16"	3 1/16"	3162	3162 C.F.M.	1581 C.F.M.

Other sizes 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.

Just a *few* users of Somers Filters

Chemical Plants: American Viscose Co., American Zinc & Chemical Co., Celanese Corporation, Davison Chemical Corp.
Automotive: Cadillac Motor Car Co., Chevrolet Motor Car Co., Chrysler Corp., Fisher Body Corp.
Refrigeration and Air-Cond.: Frigidaire Corp., Norge Div.—Borg Warner Kelvinator Corp., York Ice Machine Co.
Ships: Amer. Shipbuilding Co., U. S. S. Saratoga, U. S. N. Lake City, Fla., U. S. N. Daytona Beach, Fla., U. S. N. Vero Beach, Fla., U. S. N. Jacksonville, Fla.,
Utilities and Municipalities: City of Kenosha, Michigan Consolidated Gas Co., Detroit Edison Co., New York Edison Co., Westchester Lighting Co.,
Dep't. Stores: S. S. Kresge Co., S. H. Kress & Co.,
Food Processing: Awrey Bakeries, Gilbert Chocolate Co., Kellogg Co.,
Manufacturers: Buffalo Forge Co., Burroughs Adding Machine Co., Clarage Fan Co., Curtiss-Wright Airplane Co., Glenslder Textile Co., Hoover Co., International Heater Co., Kearney & Trecker Corp., Kilian Mfg. Co., National Carbon Co., Inc., Pittsburgh Plate Glass Co., Rockford Machine Tool Co., Sunstrand Machine Tool Co.