

Continental Air Filters, Inc.

2524 Helm Street

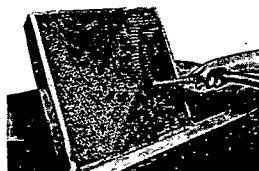
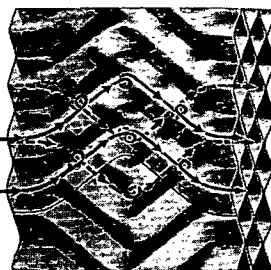


Louisville, Kentucky

REVOLUTIONARY NEW FILTER MEDIA USED IN CONTINENTAL AIR FILTERS

VISCOUS IMPINGEMENT UNIT FILTER AND AIR WASHER TYPES

Continental's new Ezwash filter media provides one of the great advances in air filtration during recent years. Composed of double corrugated metal strips placed back to back in non-nesting relationship, this new media has high dust-collecting efficiency, low resistance to air flow even when extremely dirty, is virtually non-clogging, and is easily cleaned and serviced.



Ezwash media is used in Continental Unit Air Filters, in Continental Air Washers, and in the Continental Automatic Self-Cleaning Air Filter. Continental Filters are being used by many of the nation's largest industries (names on request). Full explanation is contained in Bulletin No. 401.

THE CONTINENTAL AUTOMATIC SELF-CLEANING AIR FILTER

utilizes the revolutionary Ezwash filter media, plus a unique Ferris-Wheel action in the filtering curtain, plus positive self-cleaning—all resulting in extremely high efficiency, low resistance and completely trouble-free operation. The Ferris-Wheel action causes the cells to move from the front to the back curtain of the filter without changing their relative positions. The dirty side of the cell always faces the air stream. Thus dirt cannot be blown off the dirty side of the cell, back into the clean-air stream.



Positive self-cleaning is accomplished by a simple mechanism which is completely automatic and fool-proof. Read the full details in Bulletin No. 201-B. No obligation.

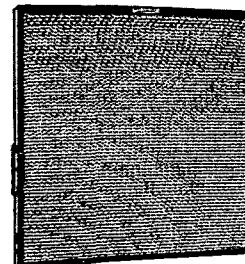
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Farr Company

Manufacturing Engineers

Chicago • Los Angeles • New York

FAR-AIR FILTERS FOR ALL TYPES OF INDUSTRIAL USE



FAR-AIR STANDARD PANEL FILTER

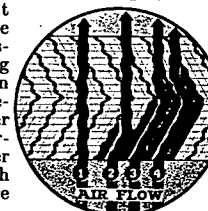
For Ventilation • Grease • Paint • Ink • Lint

Face velocity in f.p.m.	Capacity in c.f.m. per sq. in. of face area	Starting static pressure	CFM CAPACITIES OF STANDARD 2" TYPE 44 FAR-AIR FILTERS			
			16"x20"	16"x25"	20"x20"	20"x25"
346	2.40	.06"	625	795	800	1020
390	2.70	.07"	700	895	900	1145
433	3.00	.09"	780	995	1000	1275
476	3.30	.10"	860	1095	1100	1400
519	3.60	.12"	935	1195	1200	1530
563	3.90	.14"	1015	1290	1300	1655
606	4.20	.16"	1090	1390	1400	1780
650	4.50	.19"	1170	1490	1500	1910
693	4.80	.20"	1250	1590	1600	2035

Based on the recommended net face velocity of 520 fpm, Far-Air Filters deliver 50 per cent more air with the same blower power. This effects a saving in both initial costs and maintenance costs as only $\frac{2}{3}$ the filter area need be installed and maintained.

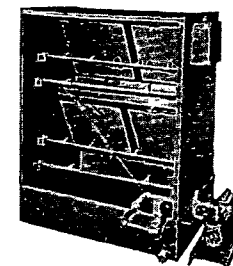
PROGRESSIVE LOADING

As entering orifices of Far-Air Filters are loaded, air direction changes, flowing past the front loaded surface and progressively loading the clean screen mesh that remains. Greater free area permits a larger dirt load with lower pressure loss.



HERRINGBONE-CRIMP DESIGN

Far-Air Filters are permanent, all metal herringbone-crimp, zinc electro-plated steel wire screen construction. The alternate layers of flat and herringbone-crimp fine wire screen results in Lower Pressure Loss (0.12 in. W.G. clean at 519 fpm), Greater Air Delivery (1200 cfm at 520 fpm through 20 x 20 x 2 in. unit—permitting equal filter and coil area and eliminating most V-bank installations), Higher Efficiency (improved performance up to velocities as high as 750 fpm), Larger Dirt Holding Capacity (from 30 per cent to over 125 per cent more filtering media per unit), and Easier Cleaning (cold water hosing cleans thoroughly. Far-Air Filters can be cleaned in-place ... they do not have to be removed from their holding frames).



SELF-WASHING FILTERS

These filter units will handle any cfm requirement and are completely automatic. Washing, drying and re-oiling cycle is controlled by electric timers whose intervals may be adjusted according to operating conditions. Oil and water are flushed away immediately, eliminating messy sumps and attendant fire hazard. Units also have an automatic fire control feature as further protection. Installation is easy with practically no maintenance required.

For full information about Far-Air products write: Farr Company, Dept. HVG, 2615 Southwest Drive, Los Angeles 43, California.

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