

Farr Company

Manufacturing Engineers

P.O. Box 10187, Airport Station

Los Angeles 45, Calif.

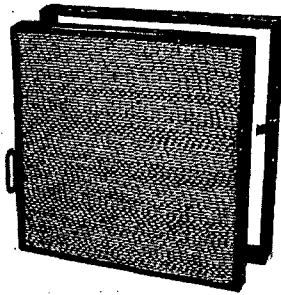
Chicago

Memphis

New York

Manufactured under license by Farr Co. Mfg. Ltd., Montreal, Canada

FAR-AIR® FILTER AND HOLDING FRAME



A high velocity, low resistance, viscous impingement unit for industrial and commercial applications. Available in a wide range of types and sizes for dirt, lint, grease, entrained water, ink, paint, etc. Herringbone-crimp media design assures higher performance, larger dirt holding capacity, lower pressure loss, easier cleanability and reduced maintenance costs. Standard interlocking holding frames are 16 gage steel, baked enamel finish.

FAR-AIR CAPACITIES

Recommended net face velocity is 519 fpm although velocities up to 700 fpm may be used. The following chart is a

guide in estimating FAR-AIR Filter requirements. 4 in. filter thickness has twice the pressure loss of the 2 in.

NET FACE VEL. F.P.M.	CAP. C.F.M. Per Sq. In.	PRES- SURE LOSS CLEAN In. H ₂ O 2" #44	NOMINAL FILTER SIZE									
			Standard Stocked Filters					Other Common Sizes				
			16" x 20"	16" x 25"	20" x 20"	20" x 25"	10" x 20"	16" x 16"	20" x 30"	25" x 30"		
			FILTER CAPACITY CUBIC FEET PER MINUTE									
346	2.40	0.06"	625	795	800	1020	360	485	1235		1575	
390	2.70	0.07"	700	895	900	1145	405	550	1390		1775	
433	3.00	0.09"	780	995	1000	1275	450	610	1545		1970	
474	3.30	0.10"	860	1095	1100	1400	495	670	1700		2170	
519	3.60	0.12"	935	1195	1200	1530	540	730	1855		2365	
563	3.90	0.14"	1015	1290	1300	1655	585	790	2010		2560	
606	4.20	0.16"	1090	1390	1400	1780	630	855	2165		2760	
650	4.50	0.19"	1170	1490	1500	1910	680	915	2320		2960	
693	4.80	0.21"	1250	1590	1600	2035	725	975	2475		3155	

MEDIA DESIGNATION AND APPLICATION

Type 44: 14 mesh zinc-electroplated steel screen. For ventilation, paint, lint, ink, oil.

Type 44F: Coated with vinyl or other special paint. For fume-resistant applications.

Type 44G: Standard filter, uncoiled. For grease arrestance.

Type 44MZ: Screen painted with zinc

chromate before and after assembly. Frame hot dip galvanized. Marine ventilation application.

Type C4C4H: All copper media and filter frame. Corrosive atmosphere and water elimination applications.

Type A4A4: All aluminum media and filter frame. Stainless steel and monel filters for special applications can be supplied on special order.

* Trade Mark Reg.

HOW TO SPECIFY STANDARD TYPE 44 FILTERS & FRAMES

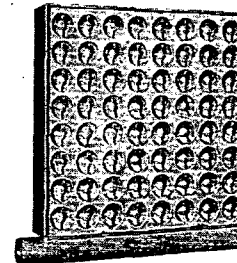
Filter shall be permanent, impingement, washable, all metal, panel type. Media shall be zinc electroplated, 14 mesh steel screen, arranged in alternate layers of flat and herringbone-crimped screens, so that at no point is air flow restricted to flow through the screen, 4 layers of each per inch, $\frac{1}{4}$ -in. rod reinforced, and enclosed in a frame of 16 gage steel with flush mitered corners. Resistance to air flow of a clean filter

shall not exceed 0.12 in. w. g. at 3.6 cfm per square inch of net face area.

Holding frames shall be factory built on 16 gage steel "T" section, bonderized and bake enameled, with felt air seal, interlocking edges, and filter locking device.

Filters shall be Far-Air Type 44 and frames shall be Far-Air Standard Interlocking as manufactured by Farr Company, Los Angeles 45, California.

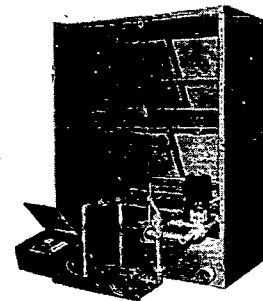
KOTONAMIC



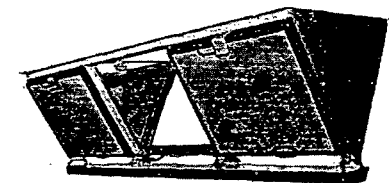
ROTONAMIC

The Rotonamic is a compact, multiple tube, cyclonic type air cleaner with continuous dirt removal by air bleed. Efficiency averages 98 percent on 5 to 10 micron dust of 2.5 specific gravity. Efficiency is even higher on larger particles or on denser material. Rating of 20 x 20 x $\frac{1}{4}$ in. panel is 1000 to 2000 cfm depending on available pressure. Apparent straight through air flow requires no difficult change in duct direction. Bleed off piping is simple. Deflecting vanes form a high velocity vortex in each tube. Internal reversal of the direction of flow doubles the cyclonic action, producing the high efficiency.

SELF WASHING FILTERS



These completely automatic units wash and re-oil themselves on any frequency cycle desired. Each is made up from 4 in. thick corrosion-resistant filters in combination to meet any cfm requirement. Washing water and contaminated oil is immediately flushed away, eliminating messy sludge and oil sumps. There is no oil entrainment. Each unit has a safety deluge valve that automatically prevents fire from passing the unit. Installation is simple and inexpensive.



ENDLESS GREASE ELIMINATORS

FAR-AIR Endless Grease Eliminators halt the deposit of highly combustible grease and lint in the air ducts, reduce maintenance, protect blower and fan, provide better ventilation and sanitation. Available in sizes and types to meet any cfm requirement.

Full catalog and technical information on any FAR-AIR product is available on request... or see Sweet's Architectural File.