

Badger CORPORATION

Milwaukee 2, Wisconsin

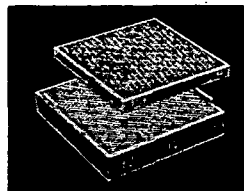
Manufacturers of PERMANENT and Replaceable AIR Filters for Heating, Ventilating, Air Conditioning, Aircraft and Industrial Use

Badger designers and engineers have contributed many of today's most valuable developments in air filtration, dust, grit, and grease elimination in a wide variety of industries. BADGER Air Filters are well known for their high efficiency, low air resistance, greater dust-holding capacity, and reduced maintenance cost on an increasing range of modern applications.

BADGER Type P Air Filter . . . For Air Conditioning and Ventilating Systems

Permanent type, easy to clean, sturdy and strong, with special BADGER filter mesh design that holds dust through complete depth while providing minimum air resistance. Dual purpose expanded metal screen deflects air stream and protects filter media. Vents in frame aid in quick cleaning, thorough draining. Standard 1 in. and 2 in. sizes from 640 C.F.M. to 1000 C.F.M. Special sizes to meet all applications. APPROVED BY UNDERWRITERS' LABORATORIES, Inc.

BADGER Type HD Industrial Filter for Extra Heavy Duty and In- dustrial Air Cleaning Services



Specially designed for use on industrial applications, Badger Type HD is made in 2 in. and 4 in. sizes, and capacities from 640

cfm to 1000 cfm. Permanent type, with high dust-holding capacity, effective, sturdily constructed filter media protected by deeply crimped layers of expanded metal screen, and heavy arc welded frame.

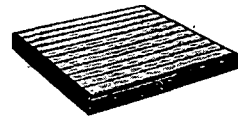
BADGER HOLDING FRAMES



Badger's special "Slip-Groove" holding frame design provides greater filtering capacity with a minimum of space. Compact, sturdy, extremely strong and rigid, this frame construction also simplifies filter removal and cleaning. Available in V-type, in straight banks, or adaptable to special requirements.

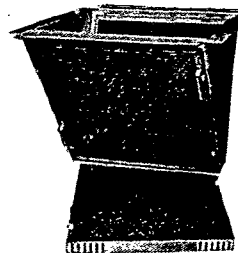
BADGER REPLACEABLE AIR FILTER

for domestic and commercial forced warm air and air conditioning units.



A new, dry replaceable filter. Media is odorless, fire-resistant glass-fibre. Ribbed construction on both sides of filter insures complete air filtration with 25% greater filtering surface.* Long life assured by sturdy cardboard frame cemented to rib structure. Standard 1 in. and 2 in. sizes.

BADGER Grease Filter



A new design in all-metal PERMANENT type filter that is an absolute necessity in kitchens, galleries, and wherever grease-laden air is a fire hazard and a maintenance problem. Filter media assures greater efficiency in air circulation and ventilation, increased working comfort and safety, and protection to motors, brushes and mechanical equipment. Available in 2 in. thickness, adaptable to a wide variety of applications.

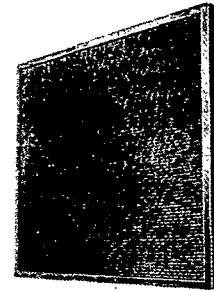
Complete bulletins, specifications, test and performance charts may be obtained on all BADGER Permanent and Replaceable Filters, as well as ready engineering assistance on special problems.

Farr Company

Manufacturing Engineers

Los Angeles • California

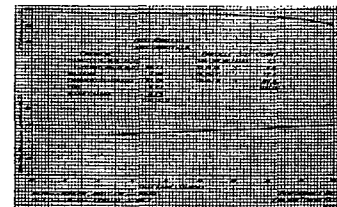
FAR-AIR FILTERS* FOR ALL TYPES OF INDUSTRIAL USE



FAR-AIR STANDARD PANEL FILTER For Ventilation For Grease

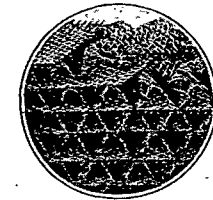
Face velocity in f.p.m.	Capacity in c.f.m. per sq. in. of face area	Starting static pressure	C.F.M. CAPACITIES OF STANDARD FILTERS BASED ON VELOCITY USED			
			16"x20"	16"x25"	20"x20"	20"x25"
346	2.40	.06"	625	795	800	1020
390	2.70	.07"	700	895	900	1145
433	3.00	.09"	780	995	1000	1275
476	3.30	.10"	860	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 our recommended face velocity of 519 ft per minute, Far-Air filters deliver 50% more air with lower pressure drop. Filters are all metal, permanent construction . . . Installation of Far-Air Filters, effects a saving not only in initial costs but maintenance as well—you need only 2/3 of the filter area, with a Far-Air filter.



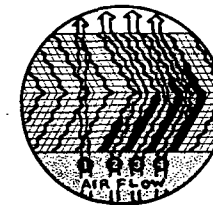
*CERTIFIED PERFORMANCE

You can depend on Far-Air Filters to deliver the performance claimed for them . . . Farr Certifies filter performance data.



HERRINGBONE CONSTRUCTION

Low Pressure Drop . . . More Air Delivery . . . High Efficiency Large Dust Holding Capacity . . . Easy Cleaning—these Far-Air features are the result of Farr's radically different crimped wire screen filter construction. Of paramount importance to heating and refrigeration engineers is the fact that Farr Filters provide a filter area equal to the fin coil area. This special feature eliminates clumsy V-shaped additions on vent ducts usually necessary with other type filters.



PROGRESSIVE LOADING

As entering orifices of Far-Air Herringbone Construction 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 dust load with lower pressure drop. The slight difference in pressure drop when a Far-Air Filter is loaded from when it is clean maintains a constant balanced air flow in the air distribution system.

For full information about other types of FAR-AIR FILTERS, write: FARR CO., Dept. HVG, 2615 South West Dr., LOS ANGELES 43, CALIF.