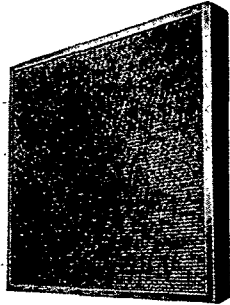


Farr Company

Manufacturing Engineers
Los Angeles • California

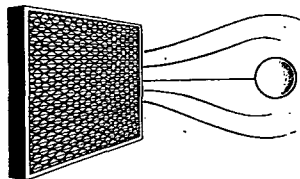
FAR-AIR FILTERS* FOR ALL TYPES OF INDUSTRIAL USE



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 fpm, Far-Air filters deliver 50 per cent more air with the same blower power. 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 $\frac{3}{4}$ of the filter area, with a Far-Air filter.



AIR FILTER TEST

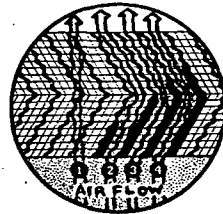
Farr Company has originated a simple procedure for testing air filter in place in order to determine the degree of efficiency. Write for information regarding this test.

*Trade Mark registered.



HERRINGBONE CONSTRUCTION

Far-Air filters' Herringbone design, which is a special cirmped wire type of construction, allows these filters to load progressively, which permits a dirt holding capacity two or three times greater. Each filter can handle 50 per cent more air with the same blower power, thus one-third fewer filters are needed to do the same job. No special equipment is needed for cleaning . . . a pressure hose and cold water. Far-Air filters can be cleaned in place. Of paramount importance to heating and refrigeration engineers is the fact that Far-Air 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 small 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. H VG, 2615 Southwest Dr., LOS ANGELES 43, CALIF.

Raytheon Manufacturing Company

Commercial Products Division

Waltham 54, Mass.



Excellence in Electronics



Excellence in Electronics

Clean air as supplied by Electronic Air Cleaning reduces heating and cooling costs; reduces cleaning and redecorating costs; improves worker efficiency; improves product quality; and provides better conditions in which to work or relax. Only electronic air cleaning efficiently removes airborne particles as small as 1/250,000 in. in diameter.

RAYTHEON PRECIPITATORS

A COMPLETE LINE OF ELECTRONIC AIR CLEANERS

For industrial and commercial applications.

INDUSTRIAL

Built up cell-type units for installation in ventilating and air conditioning systems.

Fully automatic, semi-automatic or manual washing.

Capacities 1200 cfm up.

See Bulletin DL-P-503.

RESIDENTIAL

The Raytheon Home Precipitator

Semi-automatically and fully automatically washed.

Capacities 1200 and 1800 cfm.

See Bulletin DL-P-509.

PACKAGED UNITS

For Industrial, Commercial and Residential Installations:—

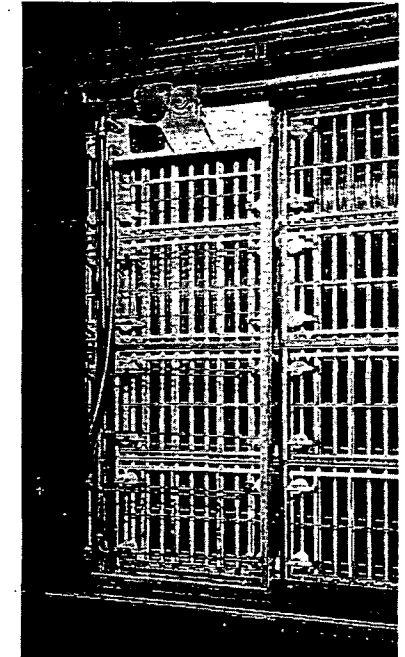
Packaged, self-contained units. Fully automatic, semi-automatic, and manual washing.

Capacities 300, 1200 and 1800 cfm.

See Bulletin DL-P-505.

NOTE THESE IMPORTANT FEATURES

Ease of installation. Minimum maintenance. Minimum resistance to air flow. Economy of Operation. Flexibility—a size for every application. Quality products used throughout.



The new, fully automatic Raytheon Precipitator washes and dries all ionizers and collector plates, reapplies adhesive, shuts itself off. Operates without shut-down period—requires no cleaning maintenance whatsoever. In the picture above, baffle doors have been opened and louvers removed from the automatic washing unit to show construction details.