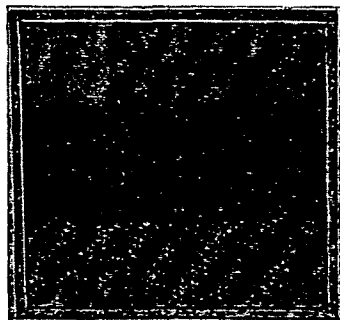


Supreme Air Filter Company

126 West 21st Street, New York 11, N. Y.

SUPREME WASHABLE DRY TYPE AIR FILTERS
AUTOMATIC OR MANUAL CLEANING



Supreme Air Filter (Before and after cleaning)

Supreme Air Filters are made of a spun glass filter media, annealed under a patented process, and covered with a galvanized or copper wire mesh 25-06, encased in a galvanized or copper frame.

Supreme Filters offer a low resistance to the free flow of air, are light in weight and easy to handle. All cells are equipped with handles and interchangeable in the same bank.

Supreme Filters are made in flat and sawtooth types: The flat filter is encased in a ½ in. frame, for convenience in ordering and lower cost production. The sawtooth type is corrugated the depth of the cell frame thereby increasing the filtering surface in a given area.

The spun glass in Supreme Filters is FIRE, ROT and VERMIN proof and not attacked by any chemical other than hydro-fluoric acid; it is approved by the Board of Fire Underwriters.

The important factor in rating a filter is generally not the removal of a certain per cent of dust by weight but rather the effectiveness for taking out certain objectionable constituents, which may be either the finest particles present or the coarser ones within a certain range. The lower number per cent of dust particles in buildings and out-of-doors occur just after air washing by rain or snow storm, and the greatest number in busy streets on dry days.

Supreme Filters can be washed in hot or cold water, adding a little soap powder or solvent, and spraying with not over 25 lb water pressure.

New mats can be supplied for all Supreme cell frames where mats become worn out or defaced, thereby saving the cost of a new frame, which has patent pending.

TABLE OF SUPREME AIR FILTER SIZES

Sizes	C.F.M.	Mat. SQ"	EFFY	Pd. W.G.	Sizes	C.F.M.	Mat. SQ"	EFFY	Pd. W.G.
1" 16" x 20"	480	480	94.5	.14"	3" 16" x 20"	1500	1500	97.1	.18"
16" x 25"	480	480			16" x 25"	1500	1500		
20" x 20"	480	480			20" x 20"	1500	1500		
20" x 25"	480	480			20" x 25"	1500	1500		
2" 16" x 20"	800	800	95.7	.16"	4" 16" x 20"	2000	2000	98.0	.20"
16" x 25"	800	800			16" x 25"	2000	2000		
20" x 20"	800	800			20" x 20"	2000	2000		
20" x 25"	800	800			20" x 25"	2000	2000		

Some Users of Supreme Air Filters

B. Altman Company
Bendix Radio Corporation
Bethlehem Steel Corporation
Christ Hospital
Colgate Palm Olive Peet Company
Commercial Bank & Trust Company
Conde Nast Company
Dime Savings Bank
E. I. DuPont deNeumours & Co., Inc.
Fifth Avenue Hotel

Garment Capital Center
Geigy Dye Works
Koss Restaurant
Masonic Temple
Modern Industrial Bank
New Amsterdam Theatre
New York Central R. R.
New York Telephone Bldg.
Corp.
New York Trust
Ohio Power Company
Pabst Air Cond. Corp.
Panama Steamship Line

Posi Print Works
Riegel Paper Corp.
Supreme Air Filters have been approved by the Maritime Commission for use on the C-2 ships.
Gulf Shipbuilding Co.
Moore Dry Dock Co.
Mantowac Shipbuilding Co.
U. S. S. A. So. Africa
Colonial Trust Co.
Western Electric Company

Write Supreme Air Filter Company for Complete information and prices

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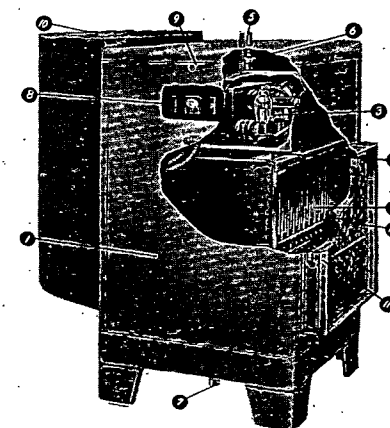
TRION, INC.*

1000 Island Avenue, McKees Rocks, Pa.
IN METROPOLITAN PITTSBURGH

TRION ELECTRIC AIR FILTER (Electrostatic Precipitator)

Wherever clean, pure air is desirable or mandatory—in residential, commercial or industrial applications—a Trion Electric Air Filter will probably solve the problem. When installed into the return air duct of warm air heating, air conditioning or ventilating systems (in accordance with specifications), Trion effectively removes more than 90 per cent of the dust, dirt, smoke, lint, pollen and other air-borne irritants from air streams passed through the filter—as determined by the Bureau of Standards "blackness" test.

The standard "packaged" unit is available in four sizes for handling air volumes up to 4000 cfm. Suspended cabinets and specially constructed filters for unusual or larger applications are designed to specification.



Illustrated above is a cutaway view of the 1200 cfm "packaged" Trion Electric Air Filter.

Shipped fully assembled . . . easily installed . . . economical to operate . . . simplified controls . . . requires no attention . . . absolutely safe . . . no moving parts to wear . . . built for a lifetime of service . . . component parts are factory serviced.

Only three distinct, functional units, housed in a heavy gage steel cabinet (1) comprise the entire Trion: The Ionizing-Collecting Cell (2), Power Pack (3) and a Water Wash System—under the housing (4). Each slides out like a drawer, to be quickly replaced, if necessary. The Electric (5) and Water (6) Lines enter the top of the cabinet and the dirt-laden water drains from the bottom (7). On the front of the cabinet is the Control Panel (8) with indicating instrument, power and water wash switches—interlocked for complete safety. No access may be had to the electrical parts except by the removal of the front panel, and the mere turn of the Safety Screw (9) de-energizes the unit. Vertical (10) and Horizontal (11) Adaptors allow the Trion to be readily fitted into existing air conditioning and warm air systems. The Horizontal Adaptor contains a Glass Wool Filter (12) on the clean air side to diffuse air and trap any blow off that might occur under unusual conditions. Universal design permits switch for left or right hand installation.

* Designers and manufacturers of equipment for electrostatic cleaning and purifying of air and other gases.

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