

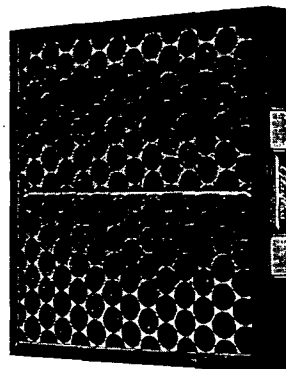


155 E. 44th St., New York 17, N.Y.

Glasfloss IMPINGEMENT TYPE AIR FILTERS

A GLASS FIBRE FILTER FOR ALL TYPES OF FORCED AIR HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS.

By the Glasfloss process... long, fine glass fibres are assembled in a fluffy, resilient mass, with an intricate maze of air passages. The fibres are firmly bonded with a high temperature bonding agent, then treated with a special fire resistant, dust catching adhesive. These fine, curly fibres provide highly efficient filtering action with ample space for filtering large quantities of dust. The fine diameter of the fibres provides much more surface area—so that Glasfloss Filters actually catch and hold dust throughout the whole filter pack.



MADE IN ALL STANDARD SIZES SHOWN

DIMENSIONS AND MANUFACTURING TOLERANCES

Nominal Sizes (standard)		Actual Dimensions			
Glassless Air Filters are supplied in both 1" and 2" thickness in all standard sizes.		Width	Height	Thickness	
				1" Filter	2" Filter
		TOLERANCES			
Use these standard sizes when ordering.	Volume of Air Cleaned	Plus 0.00", Minus 1/8"		Plus or Minus 1/8"	
20" x 25"	1000 CFM	19-3/4"	24-1/4"	3/4"	1-5/8"
20" x 20"	800 CFM	19-3/4"	19-3/4"	3/4"	1-5/8"
16" x 25"	800 CFM	15-3/4"	24-1/4"	3/4"	1-5/8"
16" x 20"	640 CFM	15-3/4"	19-3/4"	3/4"	1-5/8"
15" x 20"	600 CFM	14-3/4"	19-3/4"	3/4"	1-5/8"
10" x 20"	400 CFM	9-3/4"	19-3/4"	3/4"	1-5/8"
10" x 10"	200 CFM	9-3/4"	9-3/4"	3/4"	1-5/8"
16" x 22 1/4" x 1"	750 CFM	16"	22 1/4"	3/4"	1" only

*Special sized Glasfloss Air Filters will be manufactured upon request. All sizes of filters have 3/4" border of chipboard on faces except 10" x 10" x 1" filter which has 1/2" border and 10" x 10" x 2" filter which has 3/4".

Raytheon Manufacturing Company

Waltham 54, Massachusetts

SALES ENGINEERING OFFICES: Boston, Chicago, Cleveland, New Orleans, New York, San Francisco, Seattle, Washington, D. C., and Wilmington, Calif.
Manufacturers Agents In All Principal Cities



Excellence in Electronics

RAYTHEON

SERVING THE NATION'S ENGINEERS IN THE FIELD OF
ELECTROSTATIC AIR CLEANING

RAYTHEON PRECIPITATORS remove virtually all dust, smoke, soot, lint, oil mist and other air borne dirt—including particles as fine as 1/250,000th of an inch, as proved by tests developed by the *National Bureau of Standards*.

RAYTHEON SERVICE begins with specialized engineering knowledge and assistance offered to architects and engineers planning installations... extends through Raytheon service offices in all principal cities to contractors making the actual installations—and continues on throughout the years so that users may be assured of all the advantages designed and built into the equipment.

CELL-UNIT TYPE Raytheon Precipitators, designed for installation in air circulating, air conditioning or other air duct systems, can be built up to any desired capacity.

EASE OF INSTALLATION achieved by cell unit construction is illustrated by view of partial assembly of 20,000 cfm Industrial Precipitator shown top right. Light weight ionizer and collector cells are readily inserted or removed from opposite sides of rigid frame.

CELL WASHING may be accomplished manually or semi-automatically as desired. The manual type*, which is most commonly used (see top right) can be washed efficiently by hand when the system is shut down. The semi-automatic type* (see lower right) automatically washes and applies adhesive without the necessity of shutting down the system. This type is also advantageous on large installations where systematic washing is required.

*Write for Manual Bulletin or Semi-automatic Bulletin.

