

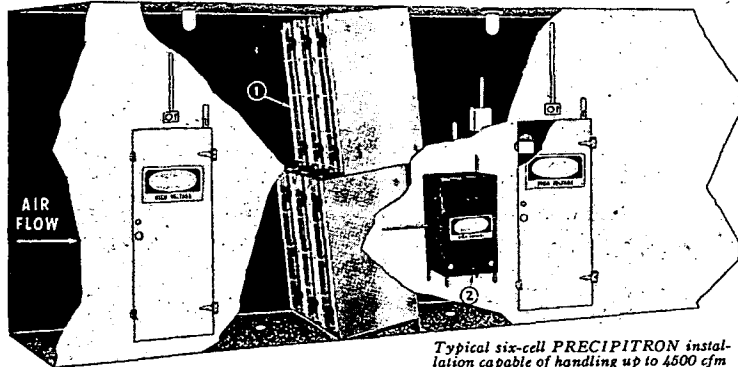
Westinghouse Electric & Manufacturing Co.
Edgewater Park Precipitron Department Cleveland, Ohio

THE PRECIPITRON*

First Commercially Practical Electrostatic Air Cleaner

The Westinghouse PRECIPITRON is the first commercially practical electrostatic method of removing dirt, dust and other air-borne impurities in ventilating and air conditioning systems. The PRECIPITRON—being more efficient than mechanical filters—removes microscopic foreign matter as small as 1/250,000 of an inch in diameter—even freeing the air of tobacco smoke.

*Trade-mark Registered in U.S.A.



Typical six-cell PRECIPITRON installation capable of handling up to 4500 cfm (1) cells; (2) Power Pack.

The PRECIPITRON provides a complete answer to mass air cleaning jobs in all Commercial, Industrial, and Public Buildings using forced ventilation or air conditioning duct systems.

Applications—Used in industry and production work. PRECIPITRON is serving many manufacturing processes in blackout, air-conditioned plants. Removal of smoke and welding fumes makes possible a considerable reduction in fresh air requirements with consequent savings in cooling and heating costs.

In steel mills and power plants PRECIPITRON is cleaning the ventilating air for rotating electrical machinery. Precision tools, dies and gauges are stored in spaces supplied with PRECIPITRON cleaned air to protect them from abrasive and corrosive dust or dirt. Optical instruments such as bomb sights, binoculars and telescopes are being assembled and maintained to a higher degree of precision with electrostatically cleaned air. PRECIPITRON cleaned air is being supplied to paint spray booths, air cooled radio transmitters, food and drug processing and packaging areas and for the processing and molding of plastic materials. Other fields in which the PRECIPITRON is a proved component of the ventilating or air con-

ditioning system are textile mills, telephone exchanges, hospital operating rooms and commercial and public buildings.

Sizes—The PRECIPITRON is available, complete for installation, to accommodate from 300 cfm (for a single 18 in. cell) to any desired volume through multiple cell arrangements. Cells come in two sizes—18 in. x 8 1/2 in. x 23 3/4 in. and 36 in. x 8 1/2 in. x 23 3/4 in. For a 90 per cent efficiency, the 18 in. and 36 in. cells are rated at 300 and 600 cfm respectively. For 85 per cent efficiency, ratings are 375 and 750 cfm. Two sizes of Power Packs: Type S for installation up to 12 36-in. cells and Type L for 12 to 50 36-in. cells.

Advantages—More efficient than mechanical filters. Safe. Easily installed. Non-clogging, and non-varying resistance. Easily cleaned. Passed by Underwriters' Laboratories on standard flame tests for fire hazard on duct installation. Once each month accumulated dirt is washed away.

Information—Westinghouse will gladly provide complete information about the PRECIPITRON. Address your requests to Section G, Precipitron Department, Westinghouse Electric & Manufacturing Company, Edgewater Park, Cleveland, Ohio.

Oakite Products, Inc.

General Offices: 36 E. Thames St., New York, N. Y.

OAKITE

MATERIALS . . . METHODS . . . SERVICE

CLEANING

Established 1909

Representatives in all Principal Cities of the United States and Canada

Specialized OAKITE Materials for:

Slime Control in
Re-circulating Systems.
Cleaning Air Filters,
Lube Oil Coolers,
Heat Exchange Equipment.

De-Scaling
Condensers, Compressors,
Jacket Water Coolers,
Diesel and Gas Engine
Cooling Systems.

Controlling Slime Growths

Control of bacteria and slime growths in re-circulating water supplies is inexpensively established with Oakite Airefiner. A dry, non-volatile, white powder, completely soluble, it prevents formation of slime accumulations and their unpleasant odors. Economical to use . . . one lb to each 300 gallons of water usually recommended.

Prevents Equipment Corrosion

Oakite Airefiner prevents corrosion of eliminators, air washing chambers, spray heads, etc., because it maintains water at a point sufficiently alkaline to counteract the tendency of the water to become acidified. In addition, it gives wash waters greater wetting-out action, thus making dirt removal more complete. Water lines are also kept free of scale.



Free Booklet Gives Details

Cleaning Air Filters

For cleaning viscous type filters, hot or cold solutions of recommended Oakite material may be used. Short immersion of filter, followed by rinse, thoroughly removes dust, dirt, soot, lint and pollen without injuring filtering medium or frame metal. Steam cleaning methods also available. Full filtering capacity is economically restored.

FREE 16-page booklet gives details.

De-Scaling Equipment Safely, at Low Cost

When water scale and rust deposits form in jacket water coolers, ammonia condensers, air or gas compressors or other water-cooled equipment . . . heat transfer is reduced, operating efficiency impaired. These insulating deposits may be safely, effectively removed simply by soaking with or circulating recommended solution of Oakite Compound No. 32. Does not harm base metal. Method is economical, thorough.



Free Booklet

New Free Booklet Gives Details

New 20-page booklet gives successful formulas and directions for a wide range of other work such as safely de-scaling and cleaning Diesel and gasoline engine cooling systems, lube oil coolers and heat exchange equipment of all types. Write for YOUR copy today!

Nation-Wide Service

Because Oakite cleaning materials are backed by a binding GUARANTEE and supplied through a Nation-Wide organization of Service Representatives thoroughly experienced in their application, users are assured of obtaining the economies and advantages they provide to effectively promote maximum performance of air conditioning, mechanical refrigerating or other equipment.