

Electro-air Cleaner Company, Inc.

Olivia & Sproul Sts., McKees Rocks, Pa.

"In Greater Pittsburgh"

Representatives in Principal Cities



Electro-air Electronic Air Cleaners have been developed for ease of installation, maintenance-free operation and high efficiency. The entire line features a self-adjusting, ballasted, single circuit and selenium rectifiers. All parts, including selenium rectifiers are guaranteed for five years.

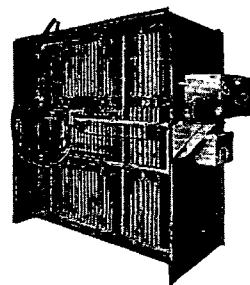
"Built-up Line" and "Custom Line" equipment for installation in commercial and industrial buildings is manufactured in two types, (a) Hi-C "High Capacity" "Inside Curve" Ionizer and have face velocities up to 600 fpm and efficiencies up to 97 percent, (b) Conventional type units have face velocities of 340-400 fpm and efficiencies of 85-90 percent. (Efficiencies are determined by the National Bureau of Standards Dust Spot Test)

"Built-up Line" equipment is manufactured in capacities from 10,350 cfm to 200,000 cfm for larger building areas. Each unit is made "to order" according to the specified height, width and cleaning capacity required, is assembled and tested at the factory, then match-marked, disassembled and shipped in well marked crates. "Built-up Line" units are also furnished with "enclosures" complete with drain pans and ducts extending 3 ft 6½ in. upstream and 2 ft 5½ in. downstream from the Electro-air.

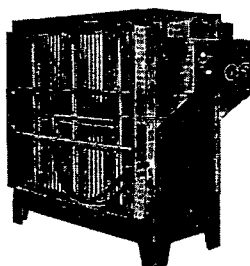
"Custom Line" units are furnished in capacities from 1,150 cfm to 26,700 cfm as complete "packages" and are designed for use in those cases where space is limited and access doors in ducts are not practical. Each unit is complete with the required number of collecting cells, drain pan, washing system and power pack. "Custom Line" Electro-airs are furnished in either horizontal or vertical (up or down) air flow, and may be floor mounted or suspended.

"Compact Line" Electro-airs are moderately priced and are designed for easy installation in homes and smaller commercial and industrial buildings which have forced air ventilation. They are available in twelve models, both horizontal and vertical (down) flow and in capacities from 800 to 9,600 cfm. Horizontal flow models may be either floor mounted or suspended. "Compact Line" units include most of the features of larger "made-to-order" Electro-air models.

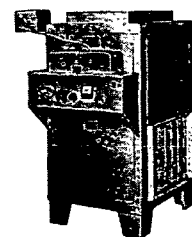
Electro-air Cleaner, Inc. also manufactures low cost "Tec Line" units which are true electronic air cleaners (90 percent efficient by National Bureau of Standards Dust Spot Test) for installation in small and medium size homes.



"Built-up Line" Electro-air



"Custom Line" Electro-air



"Compact Line" Electro-air

THE GEORGE EVANS CORPORATION

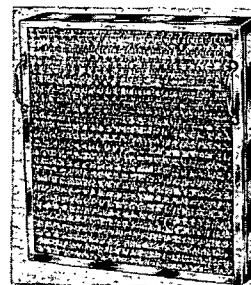
Moline, Illinois



Lifelong Air Filters

ALL ALUMINUM AIR FILTERS—GREASE FILTERS

AN AIR CLEANING INSTRUMENT



Every Part Precision Machined
Designed for Lifetime Service

HEAVY DUTY FRAME & MEDIUM

Filter pack consists of layers of precision machined and stamped sheet aluminum. Special burr edges of openings catch and hold dirt. Larger openings on inlet side progress to smaller openings on outlet side... offer big dirt holding capacity.

FREE FLO AIR CLEANING ACTION MAINTAINS HIGH EFFICIENCY GIVES FASTER RELEASE OF CLEANED AIR

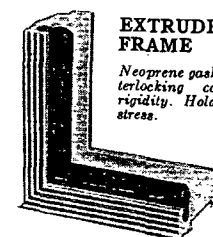
Medium holds dirt without strangling air stream. Offers Lower Resistance Rise Per Gram of Dirt Caught. Filter delivers: (1) More cfm per gram of dirt caught. (2) More cfm per kilowatt of electrical power. (3) More cfm through loading cycle.

HIGH VELOCITY

Handles 400 to 750 fpm with minimum initial resistance plus low resistance rise.

NEW DOUBLE-DUTY ADHESIVE

Has "built-in" detergent to aid and quicken cleaning. Fluid is light. Sprays on. Requires only 2 oz on 20 x 20 x 2 size filter. Hose out with cold or warm tap water. No cleaning chemicals needed.



EXTRUDED ALUMINUM FRAME

Neoprene gasket affords air tight fit. Interlocking construction gives extra rigidity. Holds true dimension under stress.

ANNODIZING AS SPECIFIED

Filters may be made completely rust and corrosion resistant.

HOW TO SPECIFY

Filters shall be aluminum. Frame shall be one-piece precision die-pressed heavy gage aluminum with edges rounded. Corners machine fitted. Frame shall have 2 drain holes in bottom frame member. Filter pack shall be of die cut flat and corrugated aluminum grids packed with larger openings on inlet side progressing to smaller openings on outlet side.

SIZES

Made in Standard ½ in., 1 in., 2 in. thickness.

FILTER CAPACITY—CFM DELIVERY

(Velocity) fpm	Pressure Loss Inches H ₂ O	cfm Delivery						
		Standard Size Filters						
		10 x 20	16 x 20	20 x 20	20 x 25	20 x 30	25 x 30	
303	.044"	315	548	700	894	1085	1382	
346	.054"	360	626	800	1021	1239	1578	
390	.066"	406	706	900	1151	1396	1778	
433	.077"	450	784	1000	1277	1550	1975	
476	.094"	495	862	1100	1404	1704	2171	
519	.113"	540	939	1200	1531	1858	2367	
563	.133"	586	1019	1300	1661	2016	2567	
606	.156"	630	1097	1400	1788	2170	2763	
649	.180"	675	1175	1500	1915	2323	2959	
693	.206"	721	1254	1600	2044	2481	3160	
736	.234"	765	1332	1700	2171	2635	3356	
779	.262"	810	1410	1800	2298	2789	3552	
823	.291"	856	1490	1900	2428	2946	3753	
866	.325"	901	1567	2000	2555	3100	3949	

GREASE FILTERS

High heat capacity and conductivity. Allows grease to solidify on contact. Eliminates back-drip.