

The Air-Maze Corporation

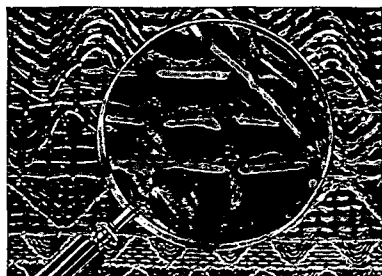
5202 Harvard Avenue, Cleveland, Ohio

ENGINEERS AND MANUFACTURERS OF AIR FILTERS EXCLUSIVELY

DIRECT FACTORY REPRESENTATIVES IN ALL INDUSTRIAL AREAS.

DISTRIBUTORS IN PRINCIPAL CITIES AND TOWNS THROUGHOUT THE UNITED STATES.

Viscous Impingement Type Air Filter—Air-Maze viscous impingement cleanable type air filters are the result of nearly two decades of designing and building air filters exclusively. Air filter media consists of alternate layers of crimped galvanized screen cloth of various mesh, arranged to break up the air stream into minute, swirling currents. Dirt is impinged on the wire baffles, previously coated with an adhesive.



Progressive Density Provides Increased Dirt-Holding Capacity—An important feature of Air-Maze construction is the progressive density of the filter media, permitting lint and large particles to be collected on the upstream section of filter with little impedance to air flow. As shown in photos above, large quantities of dirt can be collected before filter requires cleaning. This design also lends itself to quick, thorough cleaning and recharging.

Dirt Arrestance—Efficiency of dirt arrestance varies, depending on filter

design, type of test dust, dust feed, etc. Specific information on any type filter gladly furnished on request.

Resistances—Filters available with initial resistances as low as 0.045 in. water at 300 fpm. (Graphs showing resistance at various velocities are available for each type of filter.)

Face Velocities—Air-Maze offers air filters designed to operate efficiently at velocities from 106 fpm to 2000 fpm, depending upon application, pressure drop available, etc. Our representative will gladly furnish full information.

Sizes—Air filter panels made in rectangular shapes of any reasonable size and thickness. 1 in., 2 in. and 4 in. thicknesses are standard. Specially shaped filters also built to special order.

Holding Frames—Holding frames, complete with felt seal and choice of locking devices, are supplied when requested. For filter banks, Air-Maze furnishes either assembled frames or will drill frames for assembly on the job.

Cleaning Data—Filters easily cleaned with either hot water, steam or any commercial solvent. Charged by immersing in recommended adhesive or S.A.E. 30-50 oil. Complete instructions available upon request.

Write for Details—Write for name of nearest representative or information on any type of filter. Representatives in most principal cities. See classified section of your telephone directory.

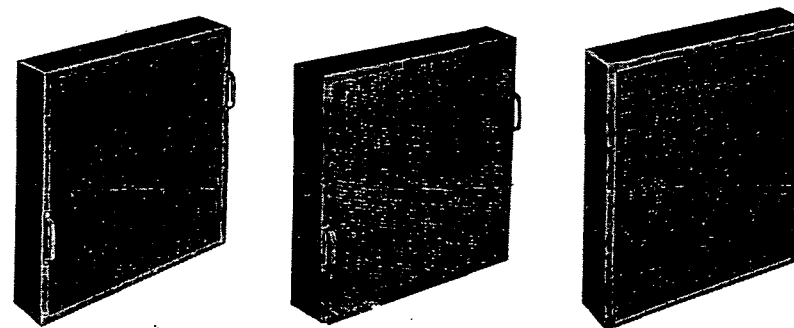
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Air-Maze Corporation manufactures a complete line of viscous impingement type ventilating air filters to meet your requirements within a wide range of limits of pressure drop, velocity, dust-arrestance, weight, dirt-holding capacity and price.

These filters are all-metal—washable—fire retardant.

