

FLOWTRON AC SERIES

Free-Hanging Air Filtration Units



Flowtron AC4-50-5

Powerful Performance For Airborne Contaminants

High Flow, Long Throw, Slow Blow.

- 5000 CFM Flow
- Dual discharge 3500 FPM
- 1800 RPM Backward Airfoil Wheel

High-Efficiency Filters.

Large-capacity cartridges are 99.7% efficient, have film-laminated media and are vertically oriented for complete dust loading and cleaning.

Powerful Self-Cleaning System.

The Sonic Resonating Rapper™ cleans the cartridges from top-to-bottom for consistent performance and long filter life, resulting in easy maintenance, and low cost of operation.

A Good Choice for Industry

The Flowtron Air Cleaner is packed with design features that go straight to the bottom line. The film-laminated media is state-of-the-art for collecting fine dust in heavy concentrations from a wide range of welding, grinding, and finishing operations. The large capacity dust filters clean thoroughly off-line for the lowest cost per pound of collected dust, and the low-speed backward inclined blower reduces the energy cost of moving the air.

Typical Applications

Contaminants: fine, airborne dust; heavy smoke; powders; fume; dry chemicals.

Processes:

- Sanding
- Welding
- Grinding
- Finishing
- Soldering
- Buffing



As compressed air reaches near-sonic velocity exiting from our Sonic Resonating Rapper™, its whipping motion raps the inside of the cartridge, dislodging even the material deeply packed into the pleats.

Ambient Air Cleaners

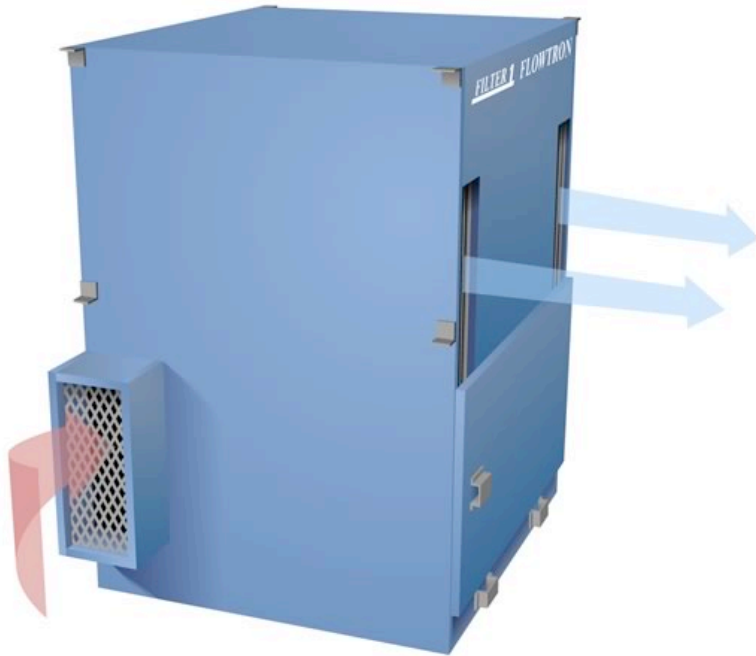
FILTER 1

1-800-289-0189

CUSTOM SPECIALISTS FOR INDUSTRIAL NEEDS

FLOWTRON AC SERIES

Specifically Designed as a High-Performance Air Cleaner for Industry



Flowtron AC4-50-5 Features

Efficient Air Movement

- Backward-inclined, airfoil blower: 5 hp, 1800 RPM, 22.5 dia., 5000 cfm.
- Ducted dual discharge

Quiet Operation

Internal blower silencer: 78dBA

Easy Dust Disposal

Hopper or Tray Design

Effective Filtration

Four high-efficiency filters: vertically oriented, large capacity, film-laminated media, with Sonic Resonating Rapper™ cleaning.

Durable Construction

12 & 16 ga. steel cabinet
Dimensions (in.): 48W x 46D x 64H

Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.

The Flowtron Advantage

A Big Wheel Operation.

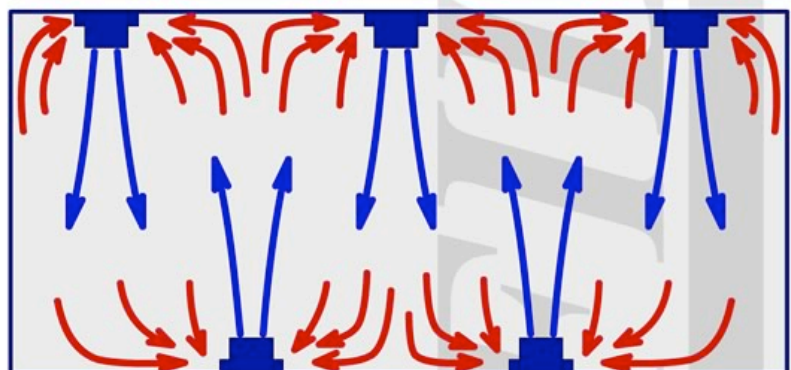
The large, deep, airfoil wheel provides consistent performance as the filters load, efficiency, and quiet operation.

Low Re-entrainment.

The low velocity inlet and cabinet geometry combine to reduce the chance that collected dust may be swept back onto the filters. Backflow dampers prevent the loss of dust during off-line cleaning.

Improved "T" Air Circulation Pattern.

- High-velocity dual discharge
- Internally ducted for maximum throw
- Dual vertical inlets designed to align against the wall to optimize capture



Optimal Circulation = Maximum Filtration

FILTER 1

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