**Flowtron AC Series**

Free-Hanging Air Filtration Units

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**A Good Choice for Industry**

The Flowtron Air Cleaner is packed with design features that go straight to the bottom line. The Nanofiber-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 offline in less than two (2) minutes for the lowest cost per pound of collected dust. The low-speed backward inclined blower reduces the energy cost of moving the air, and is also quiet.

**Typical Applications**

- **Contaminants:** Fine, airborne dust; heavy smoke; powders; fume; dry chemicals; particulate.
- **Processes:** Sanding, Welding, Grinding, Casting, Gouging, Finishing, Soldering, Buffing, Heat Treating, Hard Surfacing

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**Powerful Performance for Airborne Contaminants**

- **High Flow, Long Throw**
  - 3000-18,000 CFM Flow
  - Adjustable dual discharge to 3500 FPM will carry 100'
  - 2 to 20 hp, 1800 RPM Backward Airfoil Wheel provides quiet operation

- **High Efficiency Filters**
  Large-capacity cartridges are 99.9% efficient, have Nanofiber-laminated media and are vertically oriented for complete dust loading and cleaning. With Nanofiber lamination, these cartridges operate at full 99.9% efficiency on start up.

- **Powerful Self-Cleaning System**
  The Sonic Resonating Rapper™ cleans the cartridges from top to bottom, as well as the full depth of the filter pleats. This cleaning occurs in a two-minute cycle. The result is very low compressed air usage, a consistently low pressure drop, minimal dust re-entrainment, and long filter life.

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**FILTER 1**

Engineered Solutions for Industrial Needs

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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, and returning the cartridge to start-up flow capacity.

1-800-289-0189
Flowtron AC Series

Specifically Designed as a High-Performance Air Cleaner for Industry

Features

Efficient Air Movement
• Backward-inclined, airfoil blower:
  2 to 20 hp, 1800 RPM, 3000-18,000 CFM
• Ducted dual discharge at 3500 FPM will carry 100'

Quiet Operation
Internal blower silencer less than 78dBA

Easy Dust Disposal
With dust from the hopper being removed by optional vac-assisted system straight down to collector on the floor, the air cleaner normally will not need any direct servicing more than 1 time per year.

Effective Filtration
Two to fourteen high-efficiency filters: Merv 15, vertically oriented, large capacity, Nanofiber-laminated media, with Sonic Resonating Rapper™ cleaning.

Construction / Controls
• 12 & 16 ga. steel cabinet
• Dimensions (in.): 48W x 46D x 64H for AC-4-60-5
• Compressed air regulator
• Optional automatic filter cleaning system initiates self-cleaning cycle when pressure drop reaches a pre-determined set point, resulting in complete immediate removal of dust from unit to a central dust collector

Options

• Variable Frequency Control (VFC) for energy saving from soft-start and RPM adjustment
• Choice of disposal system: drawer, hopper or hopper with vac-assisted dust removal
• Magnetic motor starter
• High-temperature cut-off

Optimal Circulation = Maximum Filtration
• High-velocity dual discharge
• Internally ducted for maximum throw
• Dual vertical inlets designed to align against the wall to optimize capture

Flowtron AC Series

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CFM</th>
<th>HP</th>
<th># OF Cartridges</th>
<th>Deep</th>
<th>Wide</th>
<th>Without Hoppers</th>
<th>With Hoppers</th>
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<td>6</td>
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Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.