

# FLOWTRON AC SERIES

## Free-Hanging Air Filtration Units



### 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.

### A Good Choice for Industry

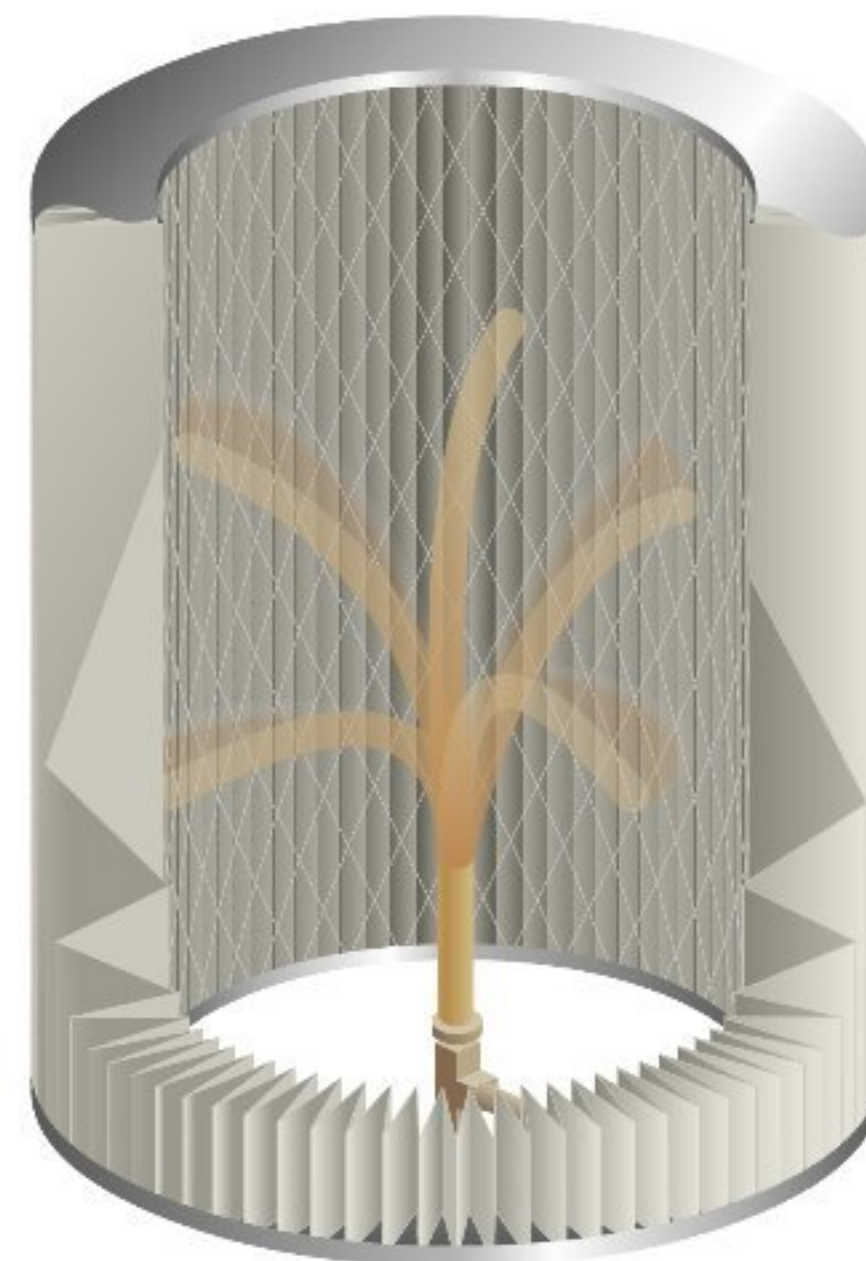
The Flowtron Air Cleaner is packed with design features that go straight to the bottom line. The Nanofiber-laminated media is state-of-the-art for collecting fine dust in heavy concentrations from a wide range of welding, grinding, and finishing operations. The large capacity dust filters clean offline 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



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.

Ambient Air Cleaners

# FILTER 1

1-800-289-0189

ENGINEERED SOLUTIONS FOR INDUSTRIAL NEEDS

# 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

## 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

## 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**

## Flowtron AC Series

MODEL	CFM	HP	# OF			Without Hoppers	With Hoppers
			Cartridges	Deep	Wide		
AC 2-30-2	3000	2	2	30	62	63	87
AC 4-60-5	6000	5	4	48	62	69	104
AC 4-60-5S	6000	5	4	30	62	95	127
AC 6-85-7.5	8500	7.5	6	48	88	79	116
AC 6-85-7.5S	8500	7.5	6	30	76	96	127
AC 8-85-7.5	8500	7.5	8	48	152	43	77
AC 10-11-10	11000	10	10	48	184	45	79
AC 12-15-15	15000	15	12	48	208	45	79
AC 14-18-20	18000	20	14	48	176	87	125

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

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