

FLOWTRON AC SERIES

Free-Hanging Air Filtration Units



Flowtron AC4-60-5

Powerful Performance for Airborne Contaminants

High Flow, Long Throw

- 3000-16,000 CFM Flow
- Adjustable dual discharge to 3500 FPM will carry 100'
- 2 to 15 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 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

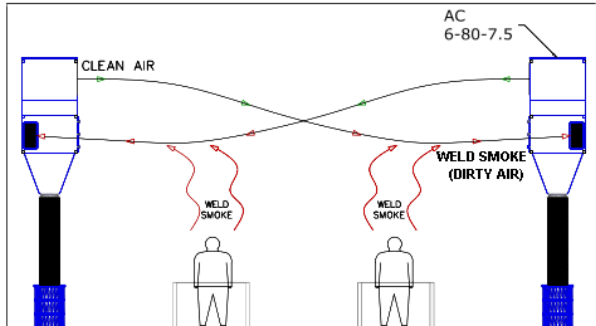
FILTER 1

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ENGINEERED SOLUTIONS FOR INDUSTRIAL NEEDS

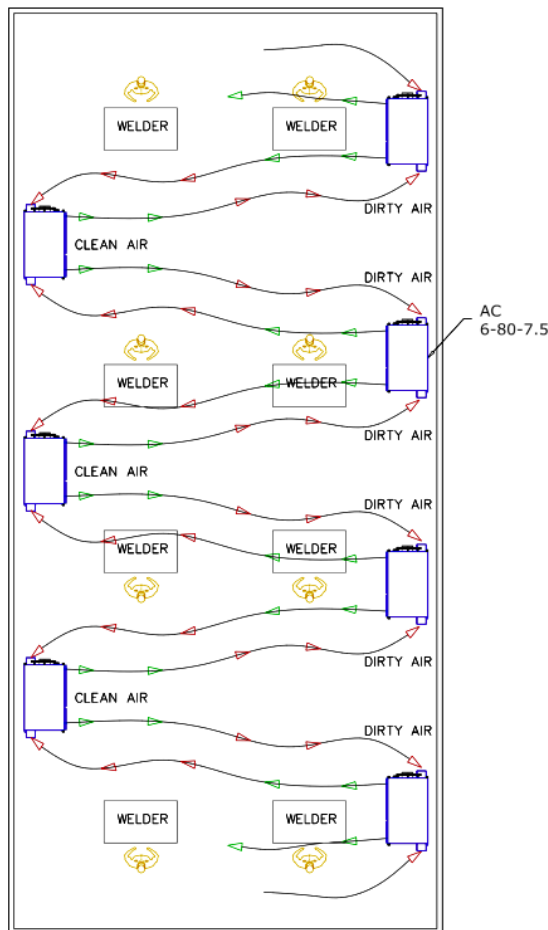
FLOWTRON AC SERIES

Specifically Designed as a High-Performance Air Cleaner for Industry



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



Features

Efficient Air Movement

- Backward-inclined, airfoil blower: 2 to 15 hp, 1800 RPM, 3000-16,000 CFM
- Ducted dual discharge at 3500 FPM will carry 100'

Quiet Operation

Internal blower silencer less than 78dBA

Easy Dust Disposal

Optional hopper with vac-assisted dust removal system moves dust from the hopper to dust collector barrel on floor.

Effective Filtration

Two to twelve 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 cleaning system (initiates self-cleaning cycle every time the blower is turned off)

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**

Model	CFM	HP	# Cartridges
AC 2-30-2	3000	2	2
AC 4-60-5	6000	5	4
AC 6-80-7.5	8000	7.5	6
AC 8-80-7.5	8000	7.5	8
AC 10-11-10	11000	10	10
AC 12-16-15	16000	15	12

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

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FILTER 1

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