

# FLOWTRON ACM SERIES

## Modular Air Filtration Units



### A Powerful Industrial Air Cleaner with User-Friendly Operation

#### Equipped With a Dust Collector Blower

Most air cleaners utilize a belt-driven, forward-curved fan wheel because it is generally well suited for high-volume/low-pressure uses. So why does the Flowtron ACM have a direct-drive, backward-curved wheel? Because our Direct-Drive, Backward-Inclined (BI) Non-Overloading Wheels are simply better!

- The Direct Drive feature eliminates both belt drive losses (that are typically 25%) as well as belt drive maintenance.
- BI wheels are the most flow-efficient and the quietest design.
- BI wheels maintain a more consistent air flow as the filters load and the pressure changes.

#### Easy Installation & Easy Maintenance

- Truly Plug-and-Play: Modules assemble with 4 small bolts each.
- Media panels slide in and out on all four sides.

### The "Flowtron Stackable"

#### Just What You Need It to Be:

**Capacity.** The filter modules can be stacked as high as space allows and the dust load requires.

**Installation.** The unit can be hung to conserve floor space or mounted on a stand for an easy and low cost customer installation.

**Filter Selection.** The standard MERV 11 filters work for most jobs; yet the 24x24x4 inch filter slot also accommodates many types of filter media.

**Air Circulation.** The powerful blower cube pulls 5000 CFM of air flow through the filter stack and the top horizontal discharges send the air into the room, creating an air circulation pattern according to air cleaning fundamental design principles.

#### What You See Makes All the Difference:

**No More Hidden Filters.** In air cleaning units where filters are hidden from view, dirty, plugged filters may sit in a collector for weeks while the blower churns the air and makes little more than heat-- the filters are out of sight, and out of mind. On the Flowtron Stackable, the filters are always fully visible for immediate replacement of filters as soon as they are full.

**Easy Access.** Maintenance crews may well postpone the difficult job of securing the proper lift equipment and removing a barrage of prefilters and bags on free-hanging air cleaners that are out of reach and hard to access. The Flowtron Stackable's filters are always easy to change-- no clamps to loosen, no special filter, no filter combinations to order and stock. simply slide out old filters, and slide in the new.

Ambient Air Cleaners

# FILTER 1

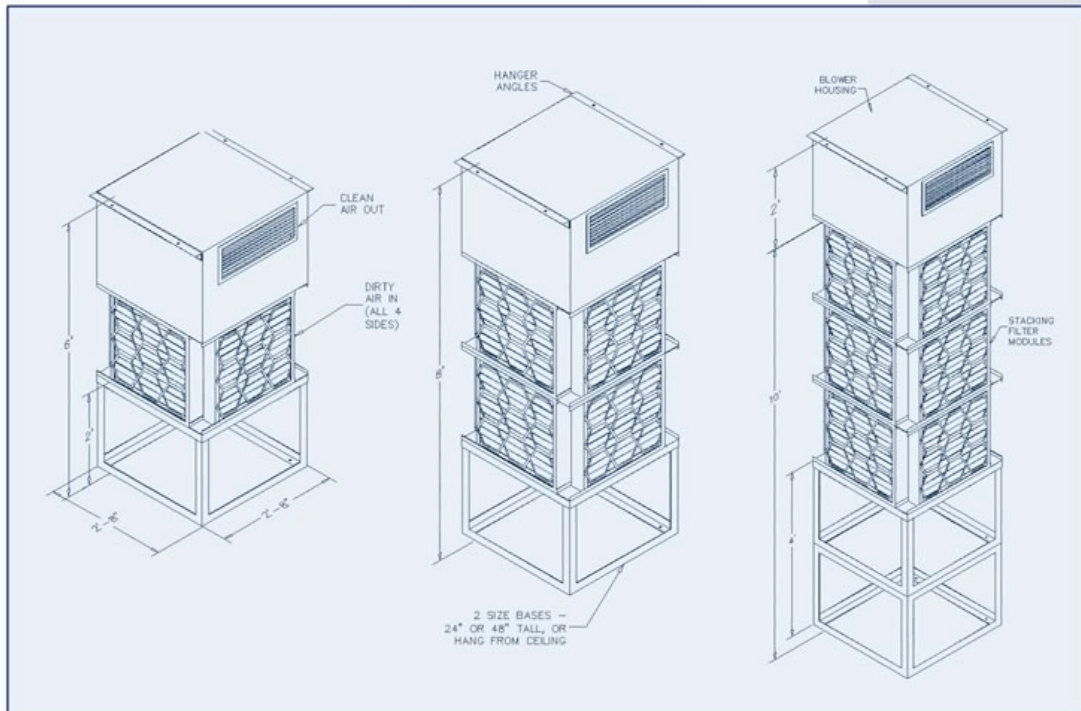
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CUSTOM SPECIALISTS FOR INDUSTRIAL NEEDS

# FLOWTRON ACM SERIES

Powerful, User-Friendly Industrial Air Cleaner

*It Stacks Up to All the Air Cleaning You Need*



## Features

### Efficient Air Movement

Direct-drive, backward-inclined, non-overloading wheel: 3 hp, 1800 RPM, 18" dia., 5000 cfm.

### Quiet Operation

Internal blower silencer: 78dBA

### Easy Filter Replacement

Fully Accessible 24"x24"x4" Slots,  
Slide In-Slide Out

### Durable Construction

Constructed of 12 & 16 ga. steel  
Dimensions of each cube: 24"x32"x32"

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

## Typical Applications

### Contaminants

Fine, airborne dust; rubber dust;  
solder smoke; mineral dust;  
wood dust; ceramic dust;  
powders; welding fume & smoke;  
dry chemicals.

### Processes:

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

# FILTER 1

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