



DuroTower

The industry's first
Automatically Adjusting
Whole Plant Air Cleaning System

Duroair[™]

INTRODUCING THE INDUSTRY'S FIRST automatically adjusting Air Cleaning System, **DuroTower**, delivering significant energy savings by de-stratifying heat vertically, 10 times more effective than overhead air cleaners.

The Air Revolver System provides general air cleaning for whole plant application using the air rotation concept for welding smoke, fabrication shops, auto collision dust, woodworking dust, refinishing shops and more.

Inside the Air Revolver, technologies work to remove airborne particulates to 1 micron. The intake and outlet are designed for the most efficient air flow pattern in the industry to date. The return scoops air at the floor, pulling particulate in a downdraft pattern. The supply air is projected across the room with higher velocity to flood any room with pure air.

Improves air quality
Increases productivity
Enhances performance



Projection of clean air causes a revolving effect breaking up stratification layers

Low velocity suction back to DuroTower picks up all the contamination from a wave of airflow volume

INDUSTRY APPLICATIONS

Heavy & Light Industrial
Educational Institutions
Metal Fabrication & Welding
Automotive Body Shops
Textile Factories
Woodworking Shops
Industrial/Commercial Bays

AVAILABLE MODELS

All models are standard with high efficiency particulate filters, and optional carbon filters and variable speed fans.

Model	Airflow CFM	HorsePower	Base Footprint	Max Height
AR-8000S	8000	5	2'8" x 3'4"	8'10"
AR-8000	8000	5	2'8" x 3'4"	10'10"
AR-15000	15000	10	4'2" x 3'4"	13'3"
AR-30000	30000	(2) 10	4'2" x 6'8"	13'3"

ADVANTAGES

- 10 times more effective than overhead air cleaners
- Longer-life filter reduces cost and lessens material disposal
- Significant energy savings by de-stratifying heat vertically

FEATURES

- Forcibly controls ambient dust and pollutants
- Does not deteriorate to lethargic flow levels with usage
- Purifies harmful dust vertically
- Powerful and uniform distribution of purified air
- Non-observable airflow to occupants for comfort
- Patent pending

SPECIFICATIONS

- Airflow: 24,500 CFM Capacity
- 10,000 – 18,000 CFM design range
- Small footprint: 40" x 50"
- Available height options of 11' or 14' depending on plant
- Power: 3 phase 208-230/460 Volt
- Multiple filter stages handle any contaminant situation
- 10 and 16 gage welded steel construction
- Industrial enamel finish
- Easy two section installation
- Five-year warranty available

DuroCap™
99.4%
vented-filtration



DuroPure™
100%
non-vented filtration



DuroRoom™
retract **20%**
of its length



Cleanroom
Class 1000
ISO6



Dust Collector
**VERTICAL
CARTRIDGE
DESIGN**



DuroTower
10x
more effective

Call Duroair Technologies today
for a free evaluation and proposal

Duroair™

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