

Product Catalog

AirByDesign™

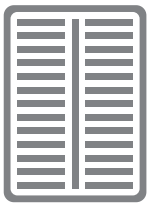
Indoor air quality is an ever increasing topic in the world today, being able to provide clean indoor air is paramount for commercial spaces. Most buildings focus their thinking on cost and thermal comfort with indoor air quality being of minimum standards. Do you know what you are breathing?

It may not be as clean as you think...

AirByDesign™ (ABD) looks to change that mindset. Our systems are engineered to improve indoor air quality wherever you need. From high density spaces such as offices, classrooms, restaurants. ABD's designs constantly cycle air through the following layers of protection: HEPA filter, Carbon Filters, UV-C lighting, and Plasma. This eliminates viruses, unwanted smells, dust and other contaminants.

ABD products certified by the California Air Resources Board (CARB).

Layers of Controls



MERV 11
Pre Filter

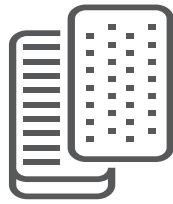
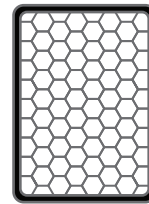


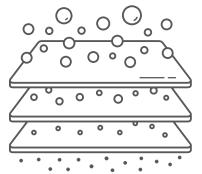
Photo Catalyst
Filter



UV-C Lamp



Activated
Carbon



H13 HEPA

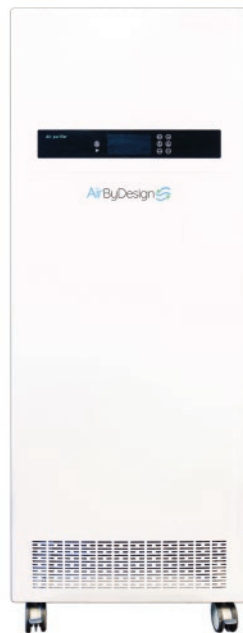
Pro

What's Included?

- MERV 11 Pre-Filter
- HEPA Filter (99.97% Effective)
- Volatile Organic Compound (VOC) Filter
- UVC Lighting/Odor Control

Additional Features

- Wall anchors
- Casters with brakes
- Aluminum panel exterior (available in various colors)
- Baffles to reduce noise from system
- Humidification Controls (Optional)
- Outside Air Intake (Optional)



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TOWER DIMENSIONS

96" x 27" x 19"

A	WIDTH	19" (1.58 ft)
B	HEIGHT	96" (8 ft)
C	DEPTH	27" (2.25 ft)

Mini What's Included?

- MERV 11 Pre-Filter
- Activated Carbon Filter
- UV-C Lamp
- HEPA Filter (99.97% Effective)
- Nanometer Photo Catalyst
- Heavy Concentration Plasma
- Touch Screen Controls
- IR Remote Control



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UNIT DIMENSIONS

12.2" x 20.5" x 5.5"

A	WIDTH	12.2"
B	HEIGHT	20.5"
C	DEPTH	5.5"

Mini 12V What's Included?

- MERV 11 Pre-Filter
- Activated Carbon Filter
- UV-C Lamp
- HEPA Filter (99.97% Effective)
- Nanometer Photo Catalyst
- Heavy Concentration Plasma
- Touch Screen Controls
- IR Remote Control
- 12V Power Supply



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UNIT DIMENSIONS

10.25" x 16.5" x 4.75"

A	WIDTH	10.25"
B	HEIGHT	16.5"
C	DEPTH	4.75"

AirByDesign™ vs Competition

	LEVELS OF CONTROLS	STANDARD EXISTING FACILITY	COMPETITOR HEPA TOWER	AIRBYDESIGN™
COVID19 CONTAINMENT	CURRENT FILTER/PRE-FILTER (MERV 11 MINIMUM)	✓	✓	✓
	HEPA FILTER (99.97%)		✓	✓
	UV-C LIGHTS			✓
	AIR FLOW PATTERN OPTIMIZATION			✓
	HUMIDITY CONTROLS			✓
	AIR DILUTION - AIR CHANGES/HOUR (6 ACH - 8 ACH REQUIRED)			✓
	LIVE MEASUREMENT AND NOTIFICATION			PENDING
AIR QUALITY	ODOR CONTROL			✓
	CO2 CONTROL			✓
	VOC FILTRATION			✓
	COMPLETE IAQ EVALUATION OF EXISTING SPACE			✓
TOTAL LEVELS OF AIR QUALITY		1	3	10