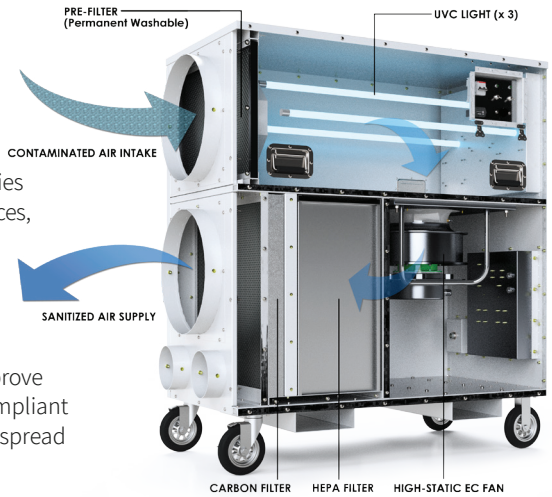## APS2000 | 3-in-1 Air Protection System

Are your customers' buildings equipped to help reduce the spread of COVID-19? The Occupational Safety and Health Administration (OSHA) released guidance to help workplaces operate safely in today's environment. OSHA classifications range from "Medium" to "Very High" Exposure Risk, and your customers are relying on you for a safe, effective air quality solution as a vital part of their overall defense strategy.

The APS2000 Air Protection System by Air Rover with its 3-in-1 purification/filtration technologies is ideal for public spaces such as hospitals and medical clinics, senior care centers, dentist offices, schools, restaurants, fitness centers, offices and conference rooms, churches, mortuaries, correctional facilities —just about any indoor space where people gather together.

One System, Many Applications

Create a negative air pressure space and provide up to 10,000 cu ft (1,200 sq ft space with 8' ceilings) of continuous sanitized air at a powerful rate of 12 air exchanges per hour. Or, improve the air quality in lower risk areas as large as *7,200 sq ft. Our design uses the same CDC-compliant technique employed by hospitals, relying on higher air exchange rates (ACH) to reduce the spread of infection in high risk areas (i.e. airborne infection isolation rooms).

*Adds 2 ACH in spaces with 8' ceilings

PRE-FILTER (Permanent Washable)
UVC LIGHT (x 3)
CONTAMINATED AIR INTAKE
SANITIZED AIR SUPPLY
CARBON FILTER   **HEPA FILTER**   **HIGH-STATIC EC FAN**

APS2000 Air Protection System delivers a continuous clean air supply, utilizing the best of today's proven air purifying and sanitizing technologies.

Air Rover APS2000 Combines:

- Ultraviolet-C Spectrum lighting (UVC) - kills 99.9999% of airborne bacteria, viruses and other pathogens
- HEPA filter - captures 99.97% of 0.3-micron particles
- Carbon filter - removes gases and other volatile organic compounds (VOC's)
- High-Static 2000cfm EC Variable Speed Blower (up to 2" w.c. of external static pressure)

ACH (Air Changes per Hour)	Cubic Feet (total volume of air)	Sq. Ft. (Based on 8ft ceiling height)	Time (Mins.) (to remove airborne contaminants at 99% efficiency)	Applications	
*2	60,000	7,200	138	Child Care Centers	Fitness Centers
*4	30,000	3,600	69	Public Schools / Senior Living Centers / Nursing Homes/Assisted	Gymnasiums / Government Buildings / Correctional Facilities
*6	20,000	2,400	46	Living Clinics / Doctor Offices	Grocery Stores / Retail Establishments
*8	15,000	1,800	35	Restaurants/Bars / Coffee Shops / Hotels / Offices	Theaters/Auditoriums / Entertainment Centers / Museum/Art Centers
**10	12,000	1,440	28	Food Prep/Kitchen	
**12	10,000	1,200	23	Airborne Infection Isolation Room	
**15	8,000	960	18	Surgery Rooms	

*Reference ASHRAE Standard 62.1-2013 - Ventilation for Acceptable Indoor Air Quality
**Max Protection - Based on CDC's ACH Guidelines for Hospitals and Patient Care Facilities

PRODUCT SPECIFICATIONS (Model: APS2000)

	AB	BB
Nominal Air Flow Rate (CFM)	2000	2000
Static Pressure (WC of External Static Pressure)	1.1"	1.1"
Ultaviolet C-Spectrum (UVC @ 253.7nm) (watts)	300	300
HEPA Filtration	24x24x12	Same
Carbon Filtration	24x24x2	Same
Voltage (VAC)	115 ±10%	230 ±10%
Phase	1	1
Frequency (hz)	50/60	50/60
Nominal Current (amps)	13.0	6.9
Noise (dbA@3m)	65	65
Dimensions, H x W x D (in)	53.25 x 24.38 x 48.25	Same
Weight, Unit (lbs)	262	241

All specifications are subject to change without notice.

Ducted System

KEY FEATURES

- » Steril-Aire UVC (kills up to 99.9999% of airborne pathogens)
- » HEPA Filter (captures 99.97% of 0.3-micron particles)
- » Carbon Filter (removes gases and other VOC's)
- » 1" Washable Pre-Filter
- » Dual Internal Louvers
- » High-Static EC Variable Speed Blower (up to 2"w.c.)
- » Variable Speed Control
- » 16" Duct Take-offs (Inlet and Outlet)
- » Optional Indoor Air Grilles

- » Twin 6" Pressure Relief Ports (for negative pressure)
- » Run Time Hour Meter
- » Lightweight Aluminum Construction
- » Forklift Pockets
- » Flat Free Swivel Casters (Indoor configuration)
- » Pull Handles
- » Powder Coated Finish
- » Limited 2 Year Warranty
- » Extended 5 Year Warranty Available
- » Long Life Filter and UVC (12 month recommended service intervals)

Indoor Grille System

INSTALLATION METHODS

1

HVAC — Supply from HVAC → APS2000 — To Outdoors for Negative Pressure

Return from Building — Supply to Building

Ducted

2

To Outdoor Negative P... — APS2000 — Return from Zone or Room(s)

Supply to Zone or Room(s)

Ducted

3

Indoor Grille

Return from Room → APS2000 — Supply to Room

To Outdoors for Negative Pressure

Proudly Manufactured in the USA
Specifications subject to change without notice.

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