OmniTec

Hepa Air Filtration System for Recirculation/Air Scrubbing, and Negative or Positive Air Applications.

OMNIAIRE 600

HEPA AIR FILTRATION SERIES



Precise filtration control, unmatched mobility, & easy to clean aircraft-grade aluminum.

The OmniAire 600 Series **is the preferred choice for cleaning contaminated air in tight spaces.** Powerful HEPA filtration in a compact design, these machines can be deployed in both positive and negative pressure applications. The multi-stage filter design, combining MERV-rated pre-filters and activated carbon filters, ensures high air quality in various applications.

The OA600 Series is the smallest in the OmniAire family of Negative Air Machines and features a low profile and high airflow. All models include variable speed control and 12" deep HEPA filtration, ensuring top-notch air purification performance. It's ideal for diverse applications including medical facility construction, confined space work, restoration, abatement projects, and more. **Commonly used for removing toxic mold, asbestos, and lead dust during renovation and abatement projects, as well as for purifying air in commercial or factory sites.** The lightweight design utilizes aircraft-grade aluminum housing with smooth surfaces for easy cleaning, making it an ideal choice for healthcare facilities.

With our TrueCFM™ performance specifications, all models deliver maximum CFMs with their corresponding OCA HEPA filters, ensuring maximum air purification capacity.

**OmniAire machines with a TrueCFM™ air flow specification have undergone a rigorous and precise method for CFM measurements that is transparent and repeatable by any qualified third party. TrueCFM™ specifications are established using a new (unloaded), factory certified HEPA filter, installed in the applicable OmniAire machine. For details regarding test setup and procedures, you may contact us at info@omnitecdesign.com.*

IN HIGH-STAKES APPLICATIONS, A SEALED HEPA FILTER MATTERS

Like a gear slipping on a bicycle, devices with unsealed HEPA filters are incredibly inefficient. No matter how fast the pedals are turning, the result is poor efficiency and disappointing progress toward the ultimate destination.

100% of the air pulled through the OmniAire machines must travel through the HEPA filter. These systems are designed to ensure every CFM pulled in the unit by the fan will be properly filtered, effectively ensuring that CADR is equal to the CFM of the machine.

STANDARD FEATURES

MAXIMUM PERFORMANCE

- Sealed, true-HEPA filter (99.97 to 99.99% efficiency at 0.3 microns)
- Anti-microbial, tackified prefilter to extend life of the HEPA or optional carbon pre-filter to capture airborne contaminants
- Integrated exhaust duct for negative or positive pressure applications
- Optional intake manifold also available

INTENTIONAL INDUSTRIAL DESIGN

- Easy to clean and sanitize, aircraft-grade aluminum housing provides high durability
- 2 rubber grip handles and lightweight design facilitates safe movement
- High-quality, industrial-grade casters to allow for easy transport of machines on or between job sites
- 8' power cord & cord grip

SIMPLE MAINTENANCE

- HEPA filter replacement indicator on all models
- Easy pre-filter replacement, no tools required

ENGINEERED FOR SAFETY

- Thermal protection overload monitor to allow for safe 24/7/365 operation
- UL/CSA Safety Certified

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Select the model that best meets your applications and needs.

Ultimate configurability to deliver flexibility, functionality, and value on any project.

	OMNIAIRE600 PLUS	OMNIAIRE600 PRO
Airflow (CFM)	150-550 TrueCFM™	150-550 TrueCFM™
Primary Filter	HEPA 12" Metal Frame, 99.97% efficiency @ 0.3µ	HEPA 12" Metal Frame, High Capacity 99.99% efficiency @ 0.3µ
Secondary Filter(s)	Pre-filter, Two-stage Poly Pad Filter 13"x13"x1.5"	Pre-filter, Two-stage Poly Pad Filter 13"x13"x1.5"
OdorGuard 600 Carbon Filter	Optional	Optional
Noise**	50 dB – 75 dB	50 dB – 75 dB
Negative Pressure Ready	Yes	Yes
Power Requirements	115 VAC/60 Hz/2.3 Amp	115 VAC/60 Hz/2.3 Amp
Size	14"W x 19"H x 31"L	14"W x 19"H x 31"L
Product Weight	35 lb/15.9 kg	37 lb./16.8 kg
Housing	Aircraft Grade Aluminum	Aircraft Grade Aluminum
Speed Options	Variable Speed	Variable Speed
HEPA Filter Change Indicator	Yes	Yes

Match Your Air Purification Solution to Your Project Needs

- Select the model that best meets your applications and needs. Offers exceptional configurability and flexibility, providing functionality and value for any project.
- Compatible with a wide range of true HEPA filters, MERV-rated prefilters, and activated carbon filters, every model in the series can be configured to suit a broad array of projects and applications. This ensures the adaptability, performance, and value needed for any project.

**TrueCRM represents measured performance with selected filter configuration – different or loaded HEPA filters may cause the airflow to vary*

***at 6' (1.83 M) NIOSH SLM*

For your safety, these products comply with OSHA, UL, and CSA/IEC electrical safety requirements.

INDUSTRIAL AIR FILTRATION APPLICATIONS

- Projects that require negative or positive pressure containment spaces and requiring true HEPA filtration including abatement of mold, asbestos, & lead
- Water damage and restoration projects
- Removal of hazardous odors, VOCs, or fumes in industrial or other dangerous environments
- General control and removal of dust and debris
- Mobile and pop-up patient isolation applications in hospitals, acute care centers, and assisted or long-term living environments
- Removal of wildfire smoke in commercial spaces, warehouses, and factories

CRUCIAL ENVIRONMENTS

- Construction and job sites for abatement, remediation, and restoration projects (residential homes, commercial buildings, schools, healthcare facilities, and other places with indoor construction.
- Manufacturing and warehousing facilities
- Communal living environments including long-term care and assisted living facilities, higher education dormitories and prisons.
- Government facilities and military installations
- Public health facilities including Open to the Public Clean Air Centers
- Healthcare construction involving infection control compliance

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info@icrasolutions.com | 678-412-5132

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