



Manufacturing Equipment for Abatement and Restoration Industry Since 1988

OA18000

Air Filtration System

The **OmniAire 18000** is our largest portable HEPA air system with a **18,000 CFM** air flow capacity. The **OA18000** is a modular air filtration machine with a unique versatility in setup and number of optional filters to assist you on your projects. The **OmniAire 18000** can be used to purify and re-circulate air or create positive or negative air pressure containment areas. It is used for mold, asbestos & lead abatement projects, construction sites, restoration projects, water or fire damage clean-up and many other applications.

Blower Cabinet Features:

The OmniAire 18000 modular system consists of Blower cabinet and three Filter cabinets, all connected by flex hoses. The cabinets are easy to transport and setup at any type of projects, including high-rise buildings and HAZMAT removal jobs. The Blower cabinet contains twin 22" vaneaxial blowers with 7.5 HP motors and controls, and operates on a 3-phase 230 VAC/60HZ/45 AMP power source. The portable blower cabinet is mounted on 4" casters, weighs 900 lbs. and is 40" wide, 72" high, and 48" long. The reinforced steel internal frame enables the blower unit to be moved by forklift or crane.

HEPA Cabinet Features

Each Filter cabinet contains 3 filters, which could be 99.97% HEPA or bag filters. The individual filter cabinets each have a differential pressure gauge to measure loading of the filters with particulates. Filter cabinets are mounted on casters, weigh 200 lbs. when fully loaded with HEPA filters. Three (3) flex hoses connect the modular filter cabinets to the blower cabinet. Hoses are 18" diameter, 25' long. Options such as HEPA, Carbon, and Bag filters allow flexibility from project to project. OdorGuard carbon pad filters may be installed to control odor and VOC's depending on operating demands.

OmniAire 18000 SPECIFICATIONS

Airflow Ratings (cfm)* 18000 cfm
Filtration Stages -HEPA Filter 99.97%, 0.3µ
 -MERV 8 primary/secondary filter
Optional -OdorGuard600 activated carbon filter
 - 9-Pocket Bag Filter, MERV14
Recessed Controls with2 - motor starter boxes with 32A disconnects w/ lockout feature and Overload relay , 2 start/stop switches, 2 power-ON indicators, 2 hour meters
Motor2 - 22" Vaneaxial Fans with 7.5hp motors
Circuit Requirements**.230V/60 Hz/3 phase/ 45 amp
CabinetryAluminum, silicone sealed before riveting
Exhaust.....2-24" Outlets
Carrying Handles w/Rubber Grips..... 4 per blower Cab.
Casters4-4" swivel
Weight..... Blower Unit: 900 lbs,
Dimensions 40" wide 48" long 72" high
Blower Cabinet.....200 lbs. Ea. (with filters), 26" wide, 80" high, and 28" long, 3" locking casters



ORDERING INFO	PART #
OmniAire 18000 Blower.....	OA18000B
HEPA Cabinet (3 required).....	OA18000F
HEPA Filter 99.97%, 0.3µ.....	OAH2424
Primary/Secondary Filter (qty 20).....	OAP2424
OdorGuard 600 Carbon Filter.....	OG2424
Bag Filter Housing.....	HBF2200
Bag Filter, MERV14.....	OBF10
Flexible Duct, 18" x 25'.....	OARD18

* Airflows based on blower manufacturer curves. Different HEPA filters may cause the flow to vary.

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