

PRODUCT HIGHLIGHTS

- All-in-one air mover
- Variable 50-2500cfm airflow
- 12 inch thick HEPA filter
- 4.5 inch static pressure
- Very effective pre-filter

VariAire™ is the perfect solution for HVAC technicians and other IAQ professionals who want more than just clean looking results. The 12-inch HEPA filter is preceded by the low cost Grainger 6B642 compatible filter which holds up to 10 lb of debris. The machine reuses filtered indoor air to prevent the intake of often contaminated outside air. This versatile system can be used as negative air for duct remediation, spray containment and other containment fields; or as an air scrubber when needed. When 5000 cfm or 7500 cfm suction is required, two or three VariAire units can be connected in parallel. If 2500 cfm is sufficient, apply the extra units as air-scrubbers or equip another remediation team. Increase service options and sales without large inventories of costly equipment. Stay lean while offering top of the line indoor air quality services.

TECHNICAL DESCRIPTION

The VariAire™ is a HEPA compliant all-in-one negative air, air-scrubber and containment field machine that is powerful enough for commercial duct remediation. Precisely adjustable from 50 to 2500 cfm, it provides a true HEPA filtered airflow with 99.97% efficiency of 0.3 micron particles.

The one-man portable unit is equipped with a EU6 pre-filter bag and a 12-inch HEPA filter required for 2500 cfm airflow. The system is powered by one 120/240 VAC power outlet and will not trip circuit breakers.

Operation and maintenance require minimal labor. The long-lasting filters and the smart stair climber provide for easy one-man operation. It's durable and versatile; equally effective from both vertical and horizontal positions.

FEATURES AND BENEFITS

- One-Man Portable
- Smart Stair-Climber
- Large Debris Pre-Filter
- 2500 cfm Rated HEPA Filter
- Designed to Last
- Frequency Drive

APPLICATIONS

- Robotic Inspections
- Negative Air
- Duct Cleaning
- Air Scrubbing
- Dust Collection
- Mold Remediation
- Containment Fields
- Spray Containment
- Dust Down
- Soda Blasting
- Sand Blasting



SPECIFICATIONS

Total Weight	180 Lbs (82 Kg)
Dimensions	26 x 33 x 60 inches (66 x 84 x 152 cm)
Air Flow	50 to 2500 cfm (85 to 4250 cmh)
Static Pressure	4.5 inches (1121 Pa)
Power	220/50 OR 120/60 VAC
Max. Exhaust Tube	1000 ft (305 m)
HEPA Filter	24 x 24 x 12", 99.97% Efficiency (61 x 61 x 30 cm)
Multi Pocket Bag Filters	EU6, EU7 and EU8 (Grainger 6B642 or equivalent)
Synthetic Bag Filters	U4 and U5
ASHRAE Filter	24 x 24 x 18" ASHRAE 90% Bag Filter (61 x 61 x 46 cm)
AC Motor	0.75 Hp (560W)
AC Motor Power	220 VAC Inverted
AC Motor RPM	3450
AC Inverter	120 VAC Input/220 VAC Output
Speed Range	50:1
Circuit Protection	15 Ampere
Storage Temperature	-30 to 60 °C
Operation Temperature	-10 to 45 °C
Maximum Relative Hum.	90%

DUCT HOOD

Dimension	26 x 26 x 15 inches (66 x 66 x 38 cm)
Flex-hose Diameter	10/12 inches (25/30 cm)



10-Inch Hose Interface

