

HEPA-AIRE™ 2000

SPECIFICATIONS:

DIMENSIONS: 32" L x 26" W x 27" H

WEIGHT: 170 pounds (complete with filters)

POWER SUPPLY: 115 V AC, 15 amp circuit

MOTOR: 1½ HP, 60 Hz, thermal protected,
sealed lubrication

RATED CAPACITY: 1850 CFM at < 1.5
inches H₂O

STANDARD EQUIPMENT

- Primary, secondary and HEPA filters
- 12 inch diameter intake and exhaust manifolds
- Four casters—2 swivel and 2 fixed
- 6 foot supply cord

OPTIONAL EQUIPMENT

- Aluminum flexible duct hose, 25 foot lengths
- Clear mylar flexible duct hose, 25 foot lengths
- Mechanical magnehelic gauge for measurement of work area negative pressure

ORDERING INFORMATION

Part Number	Description
H2000	HEPA AIRE 2000 Machine, complete
H2001	Primary Filters 24" x 24" x 1½" (case of 30)
H2002	Secondary Filters 24" x 24" x 2" (case of 8)
H2010	HEPA Filter, 24" x 24" x 1½" (one)
H2020	Aluminized Flexible Duct, 25 ft. length
H2025	Mylar Flexible Duct, 25 ft. length
H2050	Mechanical Magnehelic Gauge
H2055	Magnehelic Gauge Wall Bracket

Manufactured by:

**ABATEMENT
TECHNOLOGIES**

P.O. Box 930416 • Norcross, GA 30093 • (404) 934-5115

CALCULATING MACHINE REQUIREMENTS

The Environmental Protection Agency (EPA) recommends that negative pressure systems in asbestos abatement areas provide one air change every 15 minutes. The number of HEPA-AIRE 2000 units required for a given work area is determined as follows:

1. Calculate the volume of the work area (L x W x H)
2. Calculate total cubic feet per minute (ft³/min) by dividing the volume by 15 minutes.
3. Calculate the number of units required:
$$\text{Minimum units} = \frac{\text{Total ft}^3/\text{min}}{1850 \text{ CFM (rated capacity)}}$$

Example:

A work area is 100 ft x 50 ft x 10 ft, or 50,000 ft³. The total ft³/min is 50,000/15 = 3,333.3 ft³/min. By dividing 3,333.3 ft³/min. by 1850 CFM (the rated capacity of the unit), it is determined that 1.8 units are required. So, under EPA guidelines two machines would be required for this project.

Important Safety Feature

Hepa-Aire 2000 is equipped with a GROUND-FAULT-CIRCUIT-INTERRUPT (GFCI) safety device as standard equipment.

Distributed by: