

Model AC500

HEPA Air Cleaner
Residential Whole-House (GFI #4600)

Breathe Healthier

Remove Harmful Particulates From Indoor Air.

Installing a quality GeneralAire® HEPA Air Cleaner can reduce allergy and asthma symptoms, improve many chronic respiratory conditions and remove odors from your home's air.



How the AC500 Works:

Air from your furnace passes through two separate filters inside the AC500: a pre-filter with carbon (removes odors) and a HEPA filter (removes 99.97% of airborne particulates).

Details inside or go to: www.generalfilters.com/modelAC500

Install an air cleaner in your home to:

Remove odors and smoke:

Whether from cooking, hobbies, pets, garbage, or smoking, the AC500 will help eliminate annoying odors! In addition, tobacco products contain as many as 4,000 different chemicals; 50 of which are known to be cancer-causing carcinogens. Reduce smoke levels with the AC500.

Reduce allergy symptoms:

Pollen is a major allergen that can cause miserable symptoms such as a runny nose, itchy eyes, sneezing and more. Skin flakes, urine and saliva from pets can all become airborne.

Breathe easier and healthier:

Find relief from hayfever, asthma, chronic cough, wheezing, sneezing, runny nose, sore throats and other sinus problems.

Manufacturers of Whole-House Residential Indoor Air Quality Products. In Business Since 1937.
Humidifiers - Dehumidifiers - Air Cleaners - UV Air Purifiers - Heat/Energy Recovery Ventilators

www.generalfilters.com



Why Whole-House Air Cleaners Vs Portable Room Units?

See the top reasons below why a whole-house air cleaner is a better option for your home than a portable unit:

	<i>GeneralAire® Model AC500 Whole-House HEPA Air Cleaner</i>	<i>Portable Humidifier Units</i>
Provides clean air in every room of your house	Yes. You will benefit from proper air treatment throughout your home.	No. You'll need to purchase a unit for every room in your house.
Quiet operation	Yes. Your system will be so quiet you'll forget it's there.	No. Portable units are noisy and take up space in your rooms.
Minimal maintenance	Yes. Simply change the air filter media every 6 months to 2 years!	No. Filters must be replaced on a shorter term basis.

Selecting an Air Cleaner

There are several considerations when selecting an air cleaner:

1. Size of your home.
2. Number of HVAC systems in your home.
3. Your risk factors (smoke, pets, living near a highway, use of pesticides and bug killers, levels of mold and mildew, the climate, hobbies, pollen season, etc.).
4. Operation costs.
5. Special projects (home renovations can create extra dust and other particulates that float in the air).
6. Maintenance requirements.

GeneralAire® offers a full line of residential whole house air cleaners to meet your needs. Review our full product catalogue on www.generalaire.com to learn more. We recommend speaking with a licensed contractor for assistance with your IAQ selections and installations. Use our "Find a Contractor" tool on www.generalfilters.com for a list of contractors in your area.

HEPA - The Best in Air Cleaning

HEPA: High-Efficiency Particulate Arrestance.

In the last decade, HEPA-technology air purifiers have been used to clean indoor spaces from homes to beauty salons to hospitals across the country. Because HEPA Air Filtration Systems combine HEPA filters with carbon-based materials, they stop mold spores, bacteria, viruses, pet dander and dust; and also help to eliminate harmful gasses and odors from your home. The air is cleansed and almost totally free from contaminants.

Environmental Protection Agency studies show we spend as much as 90% of our time indoors. Indoor air pollution is among the top five environmental health risks. In fact, indoor air can be up to 100 times more polluted than the air we breathe outdoors.

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HEPA - High Efficiency Particulate Arrestance

HEPA

- Classified by the Occupational Safety & Health Administration as the best in air cleaning.

HEPA

- Captures the smallest particles that other filtration systems often miss.

HEPA

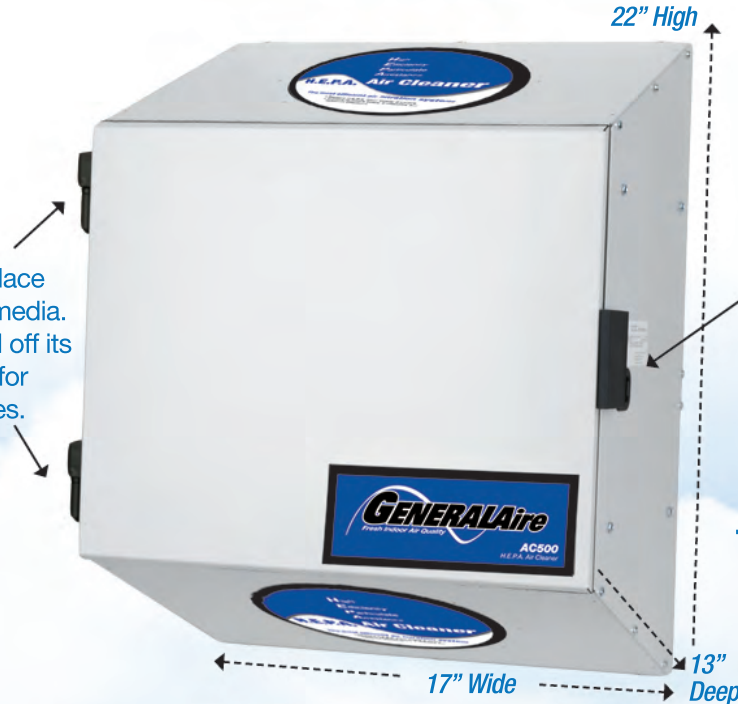
- 99.7% efficient at removing particulates as small as 0.30 microns.

HEPA

- Used in computer rooms, medical and nuclear facilities, food, pharmaceutical and other industries requiring contamination control.

Door Hinges

- Holds door firmly in place while replacing filter media.
- The door can be lifted off its hinges and removed for maintenance purposes.



Easy Open Door

- Door latch "snaps" into place to create a secure seal.
- Unlatch and open to easily replace filter media.
- Simply slide old media out, and new media in! Takes seconds!
- Thick insulation on inside of door helps reduce noise; create a tight seal.

Child Safety Switch

- Found just inside door, automatically shuts system off if door is opened.

Two Speed Motor Switch

- Found just inside door, allows you to select between normal filtration (200 CFM), or maximum filtration (300 CFM).

Inside the HEPA

- Pleated Pre-filter with Charcoal
- HEPA filter
- Child Safety Switch
- Speed Control
- Motor



Maintenance


Maintenance of your new GeneralAire® HEPA Air Cleaner is minimal. To ensure peak performance and reliable operation, simply replace your filter media: Pre-filter with carbon - every 6 months; HEPA filter - every two years.

Date of Installation: _____

Contractor's Contact Information:

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HEPA AC500 Specifications	
Weight	28 Lbs.
Plenum Mount Port Openings	16" x 3.5"
Collar Mount Port Openings	8" Round
Installation Type	Plenum, Wall or Floor Mounted
Electrical Supply	120 VAC @ 60 Hz
Power Consumption	134 W
Certification	c CSA _{US}
Air Flow Data	220-300 CFM
Catalyst	Metal oxides 56 Sq. Ft.
Amperage	1.5A
Replacement Filter #1	RHF562 HEPA Filter (GFI #4620) (Replace every two years)
Replacement Filter #2	ARK564 Filters (2) With Carbon (GFI #4610) (Replace every 6 months)
Efficiency	99.7% at .30 microns
Warranty	Five Years 

Inside the Box

- Model HEPA Air Cleaner
- Warranty Card
- Installation Manual
- Power Cord (5')
- Plenum Seal (7.5')
- Screws
- Template
- Filter Media (Inside AC500)
 - Pleated Pre-Filter with Charcoal
 - Pleated HEPA Filter



Purchase replacement parts from your local wholesaler, a licensed contractor or our website:

www.generalfilters.com/parts



www.generalfilters.com



Our Other Brands



Canadian General Filters, Ltd.
400 Midwest Rd.
Toronto, ON M1P3A9 Canada
Toll Free: (888) 216-9184
www.cgfproducts.com



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Visit www.generalaire.com (Click on "Literature") to download GeneralAire® brochures, installation & owner's manuals and product guides. All information subject to change without notice.