

AC 500 HEPA Air Cleaner



Products that let you
breathe
a little easier

Take Control of your Comfort and your Health

“94% of all respiratory ailments are caused by polluted air.”

American Medical Association

“Death from asthma is increasing in children under 11 years of age, at the rate of 7% each year.”

New England Journal of Medicine

“The application of frequent vacuuming as a dust control measure is more likely to aggravate allergic, asthmatic conditions because most vacuums are very inefficient. Dust collection by conventional vacuums results in a significant increase in air borne dust concentrations.” Doctors are aware of the alarming increase in allergies among children. The parallel increase in patients suffering from asthma is another indicator of the negative effects of indoor air pollution. The AC500 HEPA Air Cleaner is your solution to alleviate the aggravating symptoms due to poor air quality.

GENERALAire®
Fresh Indoor Air Quality

Clean air is important to the health of your family



Protect your baby! "An exposure to dust mites in the first, crucial year of life can trigger a lifelong allergy. There is no cure, only prevention."

Ohio State University Extension

"Indoor air can be as much as 2 to 5 times more polluted than the air we breathe outdoors. In fact, indoor air can be up to 100 times more polluted than outdoor air"

Source: Environmental Protection Agency



Why a HEPA Filter?

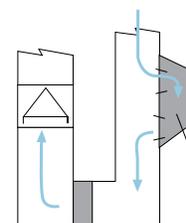
HEPA (High Efficiency Particulate Arrestance) filters are used in hospitals because they are considered the best filters on the market today. A filter must collect 99.97% of a specific particulate that measures 0.30 microns, in a test established by the Institute of Environmental Sciences in order to receive the HEPA filter designation. However, the HEPA filter can capture 100% of all particulate sizes ranging from >100 microns down to 0.01 microns. The AC500 HEPA Air Cleaner delivers the relief you have hoped for and expect.

AC 500 HEPA Air Cleaner

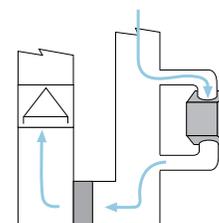
is designed to be directly mounted on the return air duct, or with the optional collar installation kit HMC 500 for remote mounting. Our use of an advanced pull and push design offers a double sound barrier. The motor pulls the air through the pleated filter and charcoal filter HMK 500, then pushes it through the HEPA Media Filter HF 500 which acts as a double sound attenuator. The process is very quiet, and with zero pressure drop, will not interfere with the ability of the heating/cooling system blower to deliver clean, safe, healthy air to the building.

Technical Specifications

Dimension (D x W x H)	13" x 17" x 22"
Performance	200/300CFM
Voltage	120 VAC @ 60 Hz
Amperage	1.5A
Power Consumption	130 W
Certification	c CSA us



Direct Mount Method



Collar Mount Method

COMPARE FOR YOURSELF!



The AC 500 HEPA collects the full range of particulate sizes from the air in your home.

Electrostatic Precipitators (EAC's): Excellent initial efficiency that degrades after only 48 hours of use! Requires a prefilter to collect pollen.

Heavily advertised pleated filters: Low total efficiency rated to 1 micron with a high pressure drop on furnace.

Electrostatic washable filters: Barely collect below the health warning range.

Cheapies! Very low efficiency. They collect only the largest particles.

ASK TO SEE THE IN-HOME TEST RESULTS FOR A GENERALAire AC 500 HEPA system

It collects household dust, animal dander, plant spores, bacteria and attached viruses with sizes below 0.30.



Cheap throw-away filters only capture the largest particles, down to 10 microns.

Static Electric Filters capture particles down to 4 microns.

Pleated Filters capture particles down to 1 micron.

GENERALAire's AC 500 filters capture particles down to .01 micron.



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