

HOSPITAL GRADE HEPA FILTRATION FOR THE HOME

IS THE AIR IN YOUR HOME AFFECTING YOUR FAMILY'S HEALTH & COMFORT?

Even well-maintained homes can have a billion or more tiny particles floating in the air that are so small that we can't see them, and so light they can remain in the air for days, or even weeks. These can commonly include mold and bacteria spores, pollens, animal dander, dust mite fecal remains, and other allergens that can trigger asthma and allergy reactions that affect our health and comfort. The standard low-efficiency 1" air filters are designed to keep very large dirt particles out of HVAC system components, but are far too porous to capture smaller particles.

PHYSICIAN RECOMMENDED HEPA FILTRATION

HEPA (High Efficiency Particulate Air) filtration media is by far the most effective filter media available for removing small particles from the air. It must capture at least 9,997 out of every 10,000 tiny particles down to 0.3-microns (1/100,000th of an inch). While the efficiency of electronic air cleaners drops off as the collection grids get dirty, HEPA filters become even more efficient. That's why HEPA is the only filter media authorized by the Centers for Disease Control (CDC) for filtering toxic airborne microbes in hospitals, and why doctors often recommend home HEPA-filtration devices to reduce the exposure of allergy and asthma patients to respiratory allergens.

EASY TO INSTALL AS A RETROFIT OR IN NEW HOMES

CAP Whole House HEPA Units are a perfect IAQ upgrade for both existing homes and new home construction, with one unit required for each HVAC system in the home. They can be retrofitted at any time, but are an ideal add-on when HVAC equipment is replaced, or after ductwork is cleaned. All CAP models are equipped with round inlet and outlet collars, for connection to the HVAC return with flexible or semi-rigid ducting. While most units simply free-stand on the floor, they can also be mounted horizontally in a crawl space or above a ceiling using a belly wrap. The unit can be plugged directly into the wall and run continuously, or wired to run in conjunction with the HVAC blower.

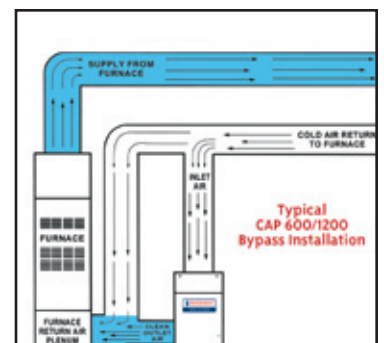


OPTIONAL UV OR UV PLUS GERMICIDAL TECHNOLOGY

The CAP600-UV Whole House HEPA Purifier also features an internal germicidal UV lamp that blasts microbes with high levels of ozone-free UV-C energy. The CAP600-UVP and CAP1200-UVP models feature a unique UV Plus lamp. In addition to UV-C energy, the UV Plus lamp provides enhanced odor control via a chemical oxidation reaction called photolysis. UV Plus models are ideal for homes susceptible to musty odors caused by moisture or dampness.

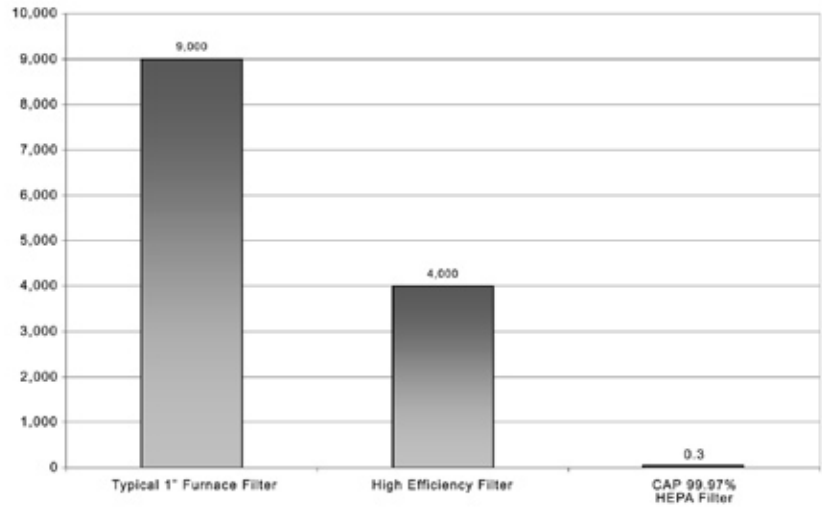
CAP PARTIAL BYPASS HEPA FILTRATION PROCESS

A CAP Whole House HEPA unit is placed near the central air handler, completely out of the way of the family, in a 'partial bypass' configuration. Its internal motorized impeller pulls out up to 50% of the 'dirty' air flowing through the HVAC return during each pass through the system, cleanses it through a series of particle and odor filters, and returns HEPA-clean air. Throughout the course of a day the entire air volume in the home can be filtered up to 50 to 60 times. Peak air quality levels in the home are typically reached and maintained within the first 24 to 48 hours of use.



SPECIFICATIONS: CAP600 & CAP1200 Series

0.3 Micron Leakage Per 10,000 Particles



99.97% Tested & Certified HEPA Filter

All Filters UL900, Class II Listed

“No Tools” Prefilter Access

Powerful Motorized Impeller

Optional Germicidal UV Protection

| SPECIFICATIONS | CAP600EC | CAP600-UV & CAP600-UVP | CAP1200-UVP |
|--|---|--|---|
| Max Test Airflow (HVAC Blower “ON”) | 500-600 cfm | 575-675 cfm | 875 cfm |
| “No Tools” Prefilter Changes | Yes | Yes, Hinged Access Door | Yes, Hinged Access Door |
| Adjustable Leveling Feet | Yes | Yes | Yes |
| Energy Consumption | 143 watts | 230 watts | 460 watts |
| Dimensions W x D x H | 16”w x 16.5”d x 24”h | 16.75”w x 16.625”d x 29”h | 16.75”w x 16.625”d x 32.5”h |
| Weight, Including Filters | 33 lbs | 55 lbs | 62 lbs |
| Flex Duct Diameter | 8” | 10” | 10” |
| UV Lamp Output | N/A | 33 μw/cm2 @ 1 Meter | 33 μw/cm2 @ 1 Meter |
| First-Stage Prefilter (estimated life) | 1” Fiber-Trapper™ Dust Filter (1-3 months) | 1” Fiber-Trapper™ Dust Filter (1-3 months) | 1” Fiber-Trapper™ Dust Filter (1-3 months) |
| Second-Stage Prefilter (estimated life) | 2” Pleated Vapor-Lock® Carbon/Particulate Filter (6months) | 2” Pleated Vapor-Lock® Carbon/Particulate Filter (6months) | 2” Pleated Pleated Particulate Filter (6 months) |
| Third-Stage Prefilter (estimated life) | N/A | N/A | 2” Pleated Vapor-Lock® Carbon/Particulate Filter (1 year) |
| 99.97% HEPA Filter (estimated life) | 2” Deep Filter Pack with 99.97% HEPA Media (1-2 years) | Cylindrical HEPA Filter with Metal Frame (2-3 years) | Cylindrical HEPA Filter with Metal Frame (2-3 years) |
| All Filters UL 900, Class II Listed | Yes | Yes | Yes |
| 99.97% Type A HEPA Filters, 100% Tested & Certified to IEST-RP-CC001.3 | No | Yes | Yes |
| Annual Filter & Lamp Replacement Pack | Yes, includes 12 pre-filters, 2 second stage filters and 1 final filter. P/N PAK600EC | Yes, includes 12 pre-filters, 2 second stage filters and 1 UV or UVP lamp. P/N PAK600-UV or PAK600-UVP | Yes, includes 12 pre-filters, 2 second stage filters, 1 carbon filter and 1 UVP lamp. P/N PAK1200-UVP |
| ETL Product Safety Certification | Yes | Yes | Yes |



United States: 800.634.9091

Canada: 800.827.6443

www.abatement.com

Phone 678.889.4200 • Fax 678.889.4201