

HEALTHY, CLEAN AIR THROUGHOUT YOUR HOME



Breathe Easier with

CAP[®] Central Air Purification

for Residential &
Commercial Spaces

FROM

 **ABATEMENT**
TECHNOLOGIES[®]
LEADERS IN CLEAN AIR

Abatement Technologies[®] is a leader in Air Purification Technology – our HEPA Filtration systems have been used in hospitals and healthcare facilities for over 30 years throughout North America.

Abatement Technologies®
Whole Home CAP® Series Central Air Purifiers
offer 3 types of solutions to meet the needs
of different air quality problems.

STAND-ALONE UV-C AIR PURIFIERS

In-Duct UV-C Air Purifiers CAP®500-UV Germicidal UV Device



GREAT CHOICE

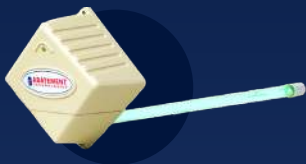
**The CAP500-UV guards against
*mold, bacteria and odors.***

Effective, powerful, and affordable protection:



Germicidal UV-C lamp to control bacteria and odors

The CAP500-UV irradiates the HVAC system 24/7 with powerful UV-C lamp technology. This high Ultraviolet intensity sterilizes surfaces and helps treat the air in the ducts. Uses less electrical power than a 60-watt bulb!



Install above or below the
evaporator A-coil in the
existing central
HVAC System

Can be used in metal duct, fiberglass duct board
or round pipe

Excellent addition to an in-line filter already
in the HVAC system

Hospital-grade germicidal UV-C lamp

TRUE HEPA AND UV-C AIR PURIFIERS



CAP®600-UV



CAP®1200UV

TOP CHOICE

Highest protection with 4 to 5 levels of protection for your home.

Powerful motorized units that guard your home with:

- ✓ Prefilter to extend the life of the secondary filter, HEPA filter, and UVGI lamp
- ✓ Particulate filter to capture large particulates (CAP1200 only)
- ✓ Activated carbon for Odors & VOCs
- ✓ Tested, true hospital grade HEPA filter captures lung damaging dust
- ✓ Germicidal UV-C light to control bacteria



The CAP600-UV and CAP1200UV feature the same germicidal UV (UVGI) lamp technology hospitals use to control infectious pathogens to irradiate microbes in the air stream. It treats the inside of the HEPA filter with UVGI energy during each pass through the HVAC system.

Smoke from fires or cigarettes are tackled in 3 ways:

- Activated carbon,
- UVP lamp technology, and
- HEPA filters for the smoke particles.



Two sizes available to match your home size and purification needs, equipped with an efficient, internal motor and blower assembly to safely maintain proper HVAC system airflow levels.

For larger homes, each central HVAC system will require a separate CAP600 or CAP1200 Central Air Purifier.

UV-C & HIGH EFFICIENCY AIR FILTRATION



CAP®100-UV

GREAT CHOICE

**The CAP100-UV helps guard your home with
3 levels of protection.**

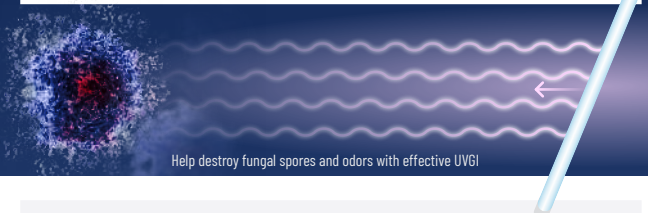
This energy efficient unit guards your home with:

- ✓ Prefilter to extend the life of the MERV13-UV resistant filter
- ✓ MERV13 final filter that captures lung damaging dust, capturing 99% particles larger than 6 microns. This filter is UV-resistant to work with the UV-C light.
- ✓ Germicidal UV-C light to help control bacteria and pathogens

Optional 'UV Plus' Technology

The optional UV-Plus lamp combines powerful UVGI intensity plus ozone for enhanced odor control and uses a powerful photolysis oxidation process to produce a low, controlled amount of ozone gas, which is able to destroy fungal spores and unpleasant odors.

The ozone gas breaks down quickly within the HVAC ductwork as it reacts with odor-causing compounds, so ozone levels in the occupied spaces are low.



Help destroy fungal spores and odors with effective UVGI

Models available with **UV Plus Technology** are:

CAP®100-UVP

CAP®500-UVP

CAP®600-UVP

CAP®1200UVP



MOST COMMON INDOOR AIR ALLERGENS



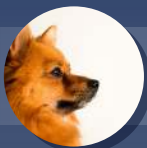
Bacteria



Pollen



Dust Mites



Pet Hair



Fungi



Mold

While we see **dust** when it settles on the ground, the majority of **dust is microscopic**, floating in the air. It is tiny enough to get **deep into your lungs** and **toxic particulates** can cause health problems.

Keeping your indoor air clean is important to your health and the cleanliness of your space. **Clean air without hazardous dust** can improve your health without medication, since you are not breathing in **harmful substances**. Allergies and illness can also result from breathing in air that may be circulated through **damp and dusty HVAC systems**.

Why pay for many individual room air purifiers when you can **promote clean air** with a whole house system that **saves energy, space, time and money** using one system with one set of filters or lamps instead of many?

You can do this with a **whole house air purification system** from an industry leader, **Abatement Technologies**. Through your contractor, you can be assured you are doing everything to help your HVAC system and the air circulated through your home stay **extremely clean!**

PROFESSIONAL HVAC INSTALLATION

Abatement Technologies CAP® Central Air Purifiers are sold to authorized independent HVAC & IAQ dealers. Installation by a certified HVAC professional is recommended. All CAP®

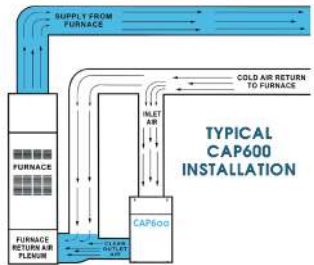
Series equipment has been certified by a Nationally Recognized Testing Laboratory to conform to applicable UL and CSA Standards for electrical safety.

“PARTIAL BYPASS” INSTALLATION

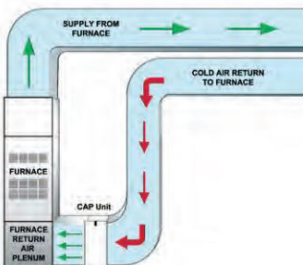
CAP600 and 1200 series

systems are designed for professional installation into the HVAC air return duct near the air handler, in an out-of-the-way location such as a basement, crawl space or attic. A

“partial bypass” installation configuration enables the device to purify about 50% of the return air during each pass through the HVAC system. Typically, the entire air volume within the living space of a home can be HEPA filtered 50 to 75 times per day.



Typical CAP100 Series Installation



CAP100 series unit

installed into a 3-ton HVAC system can filter the air inside an 1,800 square foot home more than 100 times every 4 hours