

Nu-Calgon# 61062  
CACB10

**ClenAir**  
by  
Nu-Calgon

**HVAC Carbon Block  
In-Duct Air Purification System**

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Fort Washington, PA 19034 • info@ClenAir.com • www.ClenAir.com • 800-554-5499

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**Add-On Carbon Purifier**  
For All HVAC Systems

**Removes Odors, Indoor Air Pollutants,  
VOC's - Improves Indoor Air Quality**

- Powerful Combination of ClenSorb™ Media and Carbon Z™, Provide Wide Array of Indoor Contaminant Removal
- Adds Nothing to the Air - Completely Safe and Non Toxic
- Environmentally Friendly - Chemical Free, Uses No Electricity
- Installs Easily - Adds on to any HVAC System in Minutes

**Treats Up To 10 Tons For 6-9 Months**

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Activated Carbon is covered with millions of tiny pores that adsorb odors and other chemical pollutants that become trapped in the pores. There are so many pores that the total surface area of one HVAC Carbon Block is equivalent to a 123 acre farm! Activated carbon is the most prominent natural adsorbent of organic vapors and non-toxic.

**Instructions:** Using the enclosed velcro patches or wire ties, install the HVAC Carbon Block in the airflow on the back side of the existing air filter or in the blower compartment so that some system air will pass through the HVAC Carbon Block. Ideally, it will be installed after the existing filter so the HVAC Carbon Block will not become clogged with dust and dirt, but it can be installed on the line side of the filter if there is no other option. If the HVAC Carbon Block becomes clogged with dust before it's rated service life, it can be brushed clean to remove dust. However, when the rated service life of the filter is reached, the HVAC Carbon Block can be installed on the outlet (back) side of these filters. One HVAC Carbon Block will treat up to a 10 ton system for 6 to 9 months. For larger systems or severe odor or contamination problems, use multiple HVAC Odor Blocks.

- HVAC Carbon Block Removes Many Indoor Air Pollutants Including:
- Animal Odors
- Food Odors
- Ozone
- Tobacco Smoke
- Formaldehyde
- Body Odors
- Paint Fumes
- Auto Exhaust
- Sewer Gases
- Burning Odors
- Cleaning Chemicals
- Chlorine
- Turpentine
- Cosmetics
- Mercaptans
- Ammonia
- Solvents
- Alcohol
- Acetone
- Printer Gases
- VOC's
- Smog
- Mildew
- Hospital Odors

**The Wonders of Activated Carbon Adsorption:** Activated Carbon is covered with millions of tiny pores that adsorb odors and other chemical pollutants that become trapped in the pores. There are so many pores that the total surface area of one HVAC Carbon Block is equivalent to a 123 acre farm! Activated carbon is the most prominent natural adsorbent of organic vapors and non-toxic.

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**Application:** The HVAC Carbon Block can be added to any ducted HVAC System to immediately remove odors and provide cleaner, healthier air to any indoor environment. Using a unique combination of carbon impregnated filters and activated carbon blocks from Nu-Calgon, the HVAC Carbon Block traps many indoor pollutants, including chemical pollutants in the air inside homes, offices, and other buildings. Simply install the HVAC Carbon Block in the air handler against the outlet side of the existing air filter. A percentage of the system air will pass through the HVAC Carbon Block and over time, all of the system air will be filtered by the HVAC Carbon Block.

**HVAC Carbon Block Vs. Carbon Filters:**

Carbon impregnated filters use a small amount of carbon powder with limited capacity. All of the system air passes through these filters at high speed limiting the contact time for the carbon to adsorb pollutants. These filters are usually rated for only 30 or 60 days because they will quickly clog with normal dirt and dust so they must be replaced at a considerable expense. The HVAC Carbon Block works in a bypass arrangement constantly filtering a portion of the air after the existing air filter removes the dirt and dust particles. The HVAC Carbon Block is packed with high capacity ClenSorb™ Carbon Media and Carbon Z™ activated Carbon and Mineral pellets. It has a much higher chemical adsorption capacity than carbon impregnated filters. The multiple layers of ClenSorb™ activated HVAC Carbon Block allows for a longer contact time with the carbon allowing it to adsorb more indoor air contaminants. Because the HVAC Carbon Block remains relatively free of dust and dirt particles, it will provide a service life of 6 to 9 months depending on the extent of the indoor pollution.



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  - Tobacco Smoke
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  - Auto Exhaust
  - Sewer Gases
  - Burnt Odors
  - Cleaning Chemicals
  - Chlorine
  - Turpentine
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