UV Catalyst™ is a whole house air purifier that uses activated carbon, photocatalytic oxidation and ultraviolet light to remove odors and kill millions of airborne bacteria, viruses and mold.

Activated carbon is well known for its ability to adsorb odor, smoke — all types of airborne organics. Ultravation designers set out to create a whole house air purifier that would take advantage of the properties of activated carbon, as well as disinfect the air and HVAC surfaces. The result is the Ultravation® UV Catalyst™ TiO₂ infused carbon PCO air purifier does all of this and more: Maintenance is a breeze... The system is self-cleaning so there are no filters to change, just UV lamp changes at two-year intervals.

Shown fully deployed inside an HVAC plenum, the Ultravation® UV Catalyst™ needs only a 4.5-inch opening for installation.
UV Catalyst™ is for whole house odor reduction and the disinfection of airborne bacteria, viruses and mold without adding anything to the air such as perfumes, ozone or active ions. Its three panels of activated carbon cells provide the air purifying power for whole house effectiveness, and it installs out of the way in HVAC ductwork. The optional EZ-Light™ UV HVAC surface and coil disinfection adds disinfection power and increases HVAC efficiency.

The UV Catalyst™ is a PCO air purifier that uses a specially treated activated carbon filter system to clean the air. Each filter block is infused with titanium dioxide (TiO₂). As the carbon filter captures VOC odors and other organics, the TiO₂ — powered by UV light — breaks them down into harmless components and releases them, effectively recharging the activated carbon. This self-cleaning process makes the system almost completely maintenance free. Changing the UV lamp after 18,000 hours (2 years) of operation is all that is required.

UV Catalyst has extensive activated carbon surface area yet it installs easily.

Unique folding activated carbon / PCO panels

Excludes UV lamps

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Model EZ-Light</th>
<th>Total Footprint - Controller / Plate</th>
<th>Duct Opening</th>
<th>Operating Voltage</th>
<th>Voltage Source Range</th>
</tr>
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<tbody>
<tr>
<td>UVCAT1224</td>
<td>not included</td>
<td>7 1/4&quot; W X 5 -11/16&quot; H X 4&quot;D</td>
<td>4.5&quot;</td>
<td>24VAC</td>
<td>24 to 240 VAC</td>
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<tr>
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<tr>
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<td>24VAC</td>
<td>24 to 240 VAC</td>
</tr>
</tbody>
</table>

UV Catalyst air purifiers produce no ozone

Made in USA

Member: ACI, ASHRAE, H.U.D., NATE, RAC, SMACN, HVACRA

ultravation.com