

HVAC systems add great comfort to a home, but they are also a breeding ground for **microbes**

HVAC cooling coil

Wet surfaces in HVAC systems support bio-growth that **insulates** and **generates** allergens and bacteria

Did you know?

Your HVAC system can become the source of high concentrations of allergens as internal bio-growth including mold emits millions of spores.

Even a thin bio-film on a cooling coil measuring just a few thousandths of an inch can reduce HVAC efficiency by 30% to 50%.

As an HVAC system distributes cooled air throughout a home it also distributes odors and air borne microorganisms including bacteria and viruses.

Use the power of UV light to your advantage with

UVC-Advantage™

It keeps your HVAC system clean and running like new while it **improves indoor air quality!**

UVC-Advantage™

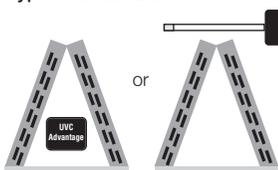
Features



Photocatalytic odor control	PCO module breaks down odor molecules	✓	
HVAC airstream disinfection	UV kills airborne pathogens / allergens	✓	
Whole house effective	Up to 5000 sq. ft.	✓	✓
T3 extended 2-year life	18,000 hr. end of useful lamp life	✓	✓
1-year life UV lamp	9,000 hr. end of useful lamp life	✓	✓
Integrated design	One-piece convenience. Entire unit replaced at lamp change interval.	✓	✓
12" or 17" lamp	T3™ or standard lamp	✓	✓
Magnet mount	Convenient interior mounting system	✓	✓
Mounting plate	Galvanized steel for duct board and attaching options	✓	✓
NO ozone	UVC-Advantage units emit no ozone	✓	✓
Power adapter	Available 110 VAC power supply		Sold separately

At the end of lamp life, the one-piece module is replaced. This creates unprecedented reliability and assures top germicidal performance at all times.

Typical Installation



Specifications

Power: 24 VAC
(Requires 24 VAC 40 VA transformer — not included)

Weight:
11oz (with 17" T3™ lamp)

Module dimension:
3-1/2" x 4-1/8" x 1-5/8"

Mounting plate dimension:
4" x 8"



How to get fresher, cleaner & healthier air!

UVC-Advantage

is sold and installed by HVAC Professionals

Proper integration of Ultravation® IAQ products into an HVAC system takes the expertise of an HVAC contractor, who can evaluate IAQ improvement needs and HVAC equipment to determine the best IAQ product(s) to accomplish your goals. This will assure optimum performance for the entire system.

Ultravation®

Professional Indoor Air Quality Products

Since 2000 • Ultravation.com

Member:



Install in accordance with owner's manual instructions and safety guidelines, as well as national and local electrical codes.

EPA establishment number: 074725-VT-001

Ultravation, Inc., PO Box 165, Poulney, Vermont 05764

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Ultravation's T3™ system is protected by US patents 6,809,326B2 and 6,838,057B2 • Form UVCA-ISVT-11367

Ultravation®

UVC-Advantage

UV Light for HVAC Disinfection
with innovative compact one-piece *integrated* design

Improving
your air...
24/7



Saves energy, too!



Ultravation®

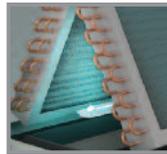
Professional Indoor Air Quality Products



Ultravation®
UVC-Advantage™

Ultraviolet light (UV-C*) is a natural disinfectant that prevents bio-growth on HVAC components

- UV prevents the bio-film that insulates cooling coils and degrades cooling.
- Clean HVAC components optimize operating efficiency 24/7 reducing electricity costs.
- UV keeps drain pans and drain lines clear of mold, fungus and bacteria.
- Stops HVAC dirty-sock smell.
- Allergy relief! Reduces or eliminates allergens generated inside the air conditioner.



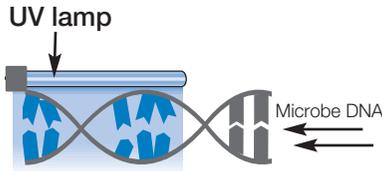
UVC Advantage on cooling coil



UVC Advantage with PCO

How UV works

UV light is germicidal because it breaks up pathogen DNA which disables microbes.



***Understanding Ultraviolet Light**

Ultraviolet light or UV is actually invisible and is divided into three wavelength categories, based on its behavior: UV-A, UV-B and UV-C. UV-C is the germicidal wavelength with the highest effectiveness at 254 nanometers. UV lamps also emit some blueish light in the visible spectrum. Never look at an operating UV lamp without proper eye protection.

When you choose UVC-Advantage for 24/7 clean HVAC, you can add "PCO" whole house air purification for odors and air disinfection!

UVC-Advantage with T3™ lasts 2 full years



40% more UV, lasts 2X longer!



Reg

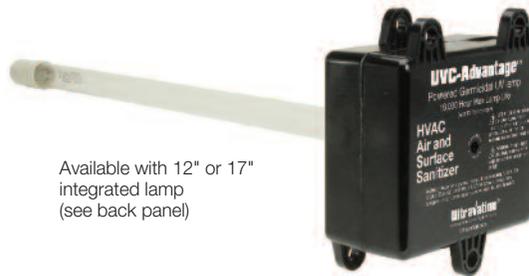
UVC-Advantage is available with a 12" or 17" integrated lamp (see back panel)



T3™ Technology thermally optimizes lamp performance for up to 40% more UV intensity without additional power consumption, and doubles unit life to 18,000 hours before replacement is needed!

1-Year Advantage—replaced annually

UVC-Advantage for HVAC disinfection



Available with 12" or 17" integrated lamp (see back panel)

Everyone loves the family pet. UVC-Advantage with PCO breaks down pet odors and much more!

UVC-Advantage™

For fresher, cleaner & healthier air!

UVC-Advantage with PCO Air Purification

UVC-Advantage with Photocatalytic (PCO) Technology breaks down **odors** and **oxidizes airborne organics** including pathogens and allergens circulating through the HVAC system.

Whole House Effectiveness!



Healthier, fresh smelling air

Titanium dioxide infused activated carbon PCO Air Purification Module captures odors, VOCs, toxins and organics.

No ozone!
 The photocatalytic process transforms the captured toxic compounds and pathogens and allergens into harmless compounds and kills airborne bacteria and viruses.

- Bacteria
- VOCs
- Allergens
- Odors
- Any organic smell
- Smoke
- Smog

PCO breaks down common household odors from sources such as:

Cooking	Smog	Pools
Pets	Trash	Workshops
Bathrooms	Laundry	Musty areas
Smoke	Exercise areas	All VOCs



UVC-Advantage with PCO also **kills airborne bacteria, viruses and destroys allergens** (such as mold spores) circulating through the HVAC system from any source including coughs and sneezes! The PCO module is self-cleaning and can provide years of service.

