



COILCLEAN INSTALLED



COMMERCIAL UV CoilCleaners

The patent pending Sanuvex CoilClean purifiers are designed to prevent and destroy mold and other microbial contaminants from rooftops coils, fan coils, walk-in A/C coils and the air. High-Intensity 19mm Quartz UVC (254nm) Lamps and High-Output Electronic Ballasts paired with Anodized Aluminum Parabolic Reflectors make the CoilClean Series incredibly effective.

Anodized Aluminum Parabolic Reflectors are able to direct virtually all the UV Energy onto the coil or the air. Besides increasing UV exposure, the Reflector also protects plastics and wiring from destructive UV rays. How powerful would a flashlight or headlight be without a reflector? UV Light is no different. Reflection is needed to direct the UVC energy where needed most. Using any other UV Lamp/Emitter will result in losing more than half the UV Intensity.

- Destroys mold and other microbial growth on the "Object" as well as biological odors
- Improves energy savings & reduces maintenance by keeping the coil clean
- High-Intensity 19mm UVC Quartz Lamp
- Patent pending Anodized Parabolic Reflector reflects and directs UV Energy while protecting plastics from destructive UV Rays
- University tested & results published in The Lancet Medical Journal
- Higher UV intensity & reliability than other UV Lamp / Emitters
- 5X longer warranty than competing products
- Optional building automation, electronics and software (see bottom of page 27 for full description)
- More than twice the operating life compared to competing products
- Ideally installed on the return side of the coil, requiring little or no maintenance

TESTING



In a two year double blind study published in The Lancet Medical Journal sponsored by The Medical Research Council and The National Institute for Occupational Safety and Health (NIOSH), McGill University Researchers found Sanuvex UV CoilClean Purifiers to:

- **reduce microbial and endotoxin concentrations by 99%**
- **reduce respiratory symptoms by 40%**
- **reduce all symptoms by 20%**

Visit www.sanuvex.com/research

CoilClean IL

The CoilClean IL is designed to be installed facing the return side (or supply side) of a commercial evaporator coil or fancoil, destroying and preventing mold and other microbial growth.

The CoilClean In-Line (IL) are available in 12", 18", 24", 30", 40", 50" & 60" Lamp lengths. A combination of CoilClean IL's can be used to accommodate any size coil. Lamp Change-out: Replace Lamps after 17,000 hours of operation. Warranty is 12,000 hours from installation.

CoilClean RT

The Sanuvox CoilClean RT is an Ultraviolet Object Purifier specifically designed for exterior rooftop HVAC units. The CoilClean RT employs Patented Sanuvox Technology to keep the A/C coil free from biological contaminants including mold and fungus. The UV Purifier uses a weatherproof NEMA 4X Housing, a patent pending Reflector locking and alignment mechanism, a High Intensity 19mm Quartz Germicidal Lamp and an Aluminum Anodized Parabolic Reflector to direct the UV Energy that would otherwise be lost, ensuring a coil free from microbial growth. The CoilClean RT are available with 24", 30", & 40" Lamp lengths.

CoilClean B3oX

The Sanuvox B3oX UV Air Purifier / CoilCleaner is designed for easy after market installation on Bard Wall Mount HVAC Units (can be easily adapted for other manufacturers). The B3oX UV Air Purifier / CoilCleaner uses UV-C (254nm) and UV-V (187nm) Energy to destroy biochemical contaminants such as mold, mildew, fungus spores, formaldehyde, solvents and secondhand smoke. The B3oX will also irradiate viruses and bacteria such as legionella, tuberculosis, MS2 and meningitis to name a few.

The patent pending Parabolic Reflector / Shield uses the full 360 degrees of UV Light to eradicate contaminants in the air and on the coil while protecting motor windings, plastics and people from UV exposure.

COILCLEAN IL



COILCLEAN RT



COILCLEAN B3oX



TESTING

	BEFORE	AFTER	IAQ-STK™ GUIDELINES
Total Fungal Elements	1,103	391	100 cts/m ³
Total Pollen	10	5	10 cts/m ³
Skin Cell Fragments	3,805	1,149	2,500 cts/m ³
Opaque Particles	108,207	18,621	50,000 cts/m ³

Independent Laboratory tests showed dramatic IAQ improvement after the Sanuvox CoilClean B3oX Purifier was installed.
Source: Pure Air Control Services, Clearwater, FL

