

# UVX In-Duct UV Air Cleaning System



NEW



The **UVX In-Duct UV Air Cleaning System** is your ultimate solution for cleaner, healthier indoor air. The powerful UVC lamp is effective against bacteria, viruses, and fungi\*. UVX goes beyond just addressing germs in the air. It also ensure the cleanliness of AC-coils, those notorious breeding grounds for mold and toxic biofilm. By strategically placing a UV lamp near the AC-coil, you can rest assured that your system stays clean and efficient, saving you energy costs, reducing maintenance hassles, and extending the lifespan of your equipment.

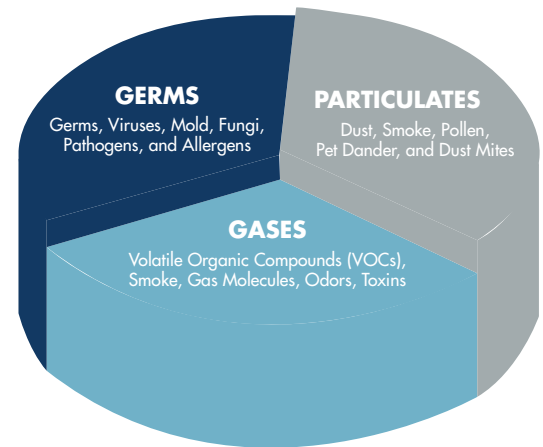
## Add UVX To Address Viruses & Germs

In addition to keeping the coil clean, UVX addresses airborne viruses, germs, and respiratory issues.

35% of allergic reactions are due to Particulates: **Filter**

34% of allergic reactions are due to Germs: **UVX - UV**

31% of allergic reactions are due to VOCs: **DUOX - PCO**



## Features

- Powerful, high-intensity UVC light
- Built-in **Twist-n-Lock** safety switch for easy lamp replacement
- **Zero Ozone**
- Virtually Maintenance Free
- 10-year limited warranty (lamp: 90 days)



# How It Works

Unveil the secret of cleaner, safer air with our revolutionary UVX In-duct Air Cleaning System. Powered by a cutting-edge UVC lamp, our system works tirelessly to disrupt the DNA of harmful microorganisms, reducing their ability to replicate. As your indoor air embarks on its journey through the duct system, it encounters the cleansing embrace of UV light. With every twist and turn, each molecule is treated to the potent cleansing properties of UV radiation, ensuring thorough air treatment with every pass.

## AC Efficiency

Imagine mold and harmful biofilm lurking in the dark corners of your AC coils, silently spreading germs into your indoor air. With the UVX In-duct Air Cleaning System strategically placed over the coils, your AC gains a potent ally. This boosts efficiency by curbing and preventing biofilm.



## ASHRAE Recommendations

The American Society of Heating and Air Conditioning Engineers (ASHRAE) emphasizes the importance of addressing concerns related to contagious viral disease. Their recommended strategies, including fresh air ventilation, advanced filtration, and UVGI technology integration, are pivotal for safeguarding indoor environments.

## Elevate Your Indoor Air Quality

Introduce powerful germ-reducing solutions powered by high-intensity Ultraviolet C-Band technology. The Center for Disease Control and Prevention (CDC) recognizes UVGI as a proven method to combat the transmission of airborne microorganisms, establishing UVGI as a crucial defender in fostering safer environments.

**UV-AIRE™ IN-DUCT AIR CLEANING SYSTEM MODELS**

Model	Sizing (tons)	Voltage	Lamp Wattage	Lamp Output	Lamp Intensity			Minimum Duct Width (inches)
					( $\mu\text{W}/\text{cm}^2@1\text{m}$ )	( $\mu\text{W}/\text{cm}^2@1\text{in}$ )	( $\mu\text{W}/\text{cm}^2@0\text{in}$ )	
UVX-16/24V	1.5 to 5.0	24	21	425 mA	62	7,874	21,948	16
UVX-16/120V	1.5 to 5.0	120	36	800 mA	132	16,764	46,728	16

\* Demonstrated a >99% reduction of virus MS-2 bacteriophage in less than 10 minutes, >99% reduction of bacterium Staphylococcus aureus in less than 5 minutes, and >80% reduction of fungi Aspergillus Niger in 60 minutes.

