



BENEFITS

The UV-Aire 16 units are ingeniously engineered to emit potent UVC band light rays, effectively reducing the presence of airborne viruses and microorganisms as they travel through your heating or air conditioning system. Installation takes place in the main supply or return duct, where it operates continuously, tirelessly purifying your home's air around the clock, 24 hours a day.

The UV lamp works by neutralizing an organism's DNA, rendering it incapable of replication. As the indoor air circulates through the duct system, it constantly undergoes exposure to UV light within the treatment zone. Thanks to the system's design, each individual air molecule passes over the lamp a remarkable 75-150 times per day. This technology represents a sophisticated and comprehensive approach to ensuring the air you breathe is as clean and safe as possible.

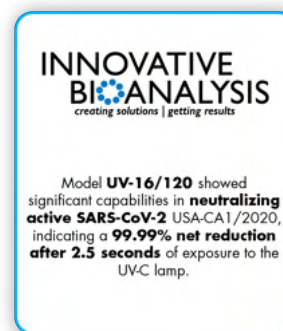
FEATURES

- Available in both 24V and 120V models
- Compact design for fitting into tight spaces
- Built-in safety switch illuminates only inside the duct
- Convenient lamp replacement facilitated by the TurnLoc™ ballast design

AIR PURITY

UV-Aire utilizes the formidable strength of a high-intensity ultraviolet (UVC) lamp to combat airborne threats, such as flu and measles, cleansing the air as it circulates through your HVAC system. When strategically installed above or below the AC coil, UV-Aire not only ensures a germ-free environment but also plays a pivotal role in preventing biofilm accumulation. This, in turn, enhances the efficiency of your HVAC system and extends its overall lifespan.

Notably, the UV-Aire 16 (120V) has undergone rigorous lab testing, utilizing Innovative Bioanalysis. The results reveal its remarkable capability in neutralizing active SARS-CoV-2, with an impressive 99.99% net reduction after a mere 2.5 seconds of exposure to the UVC lamp. This underscores the remarkable protective power UV-Aire brings to your indoor environment.



AC EFFICIENCY

Imagine mold and toxic biofilm lurking in the shadowy depths of your AC coils, releasing harmful germs into your indoor air. Now, picture a UV-Aire 16 purifier stationed strategically near these coils. The result? Your AC system operates with newfound efficiency, bringing savings on energy costs and a reduced need for extensive maintenance. Not only does this keep your indoor air pristine, but it also ensures your AC system runs seamlessly, offering you both peace of mind and financial savings.

CUTTING EDGE UVGI TECHNOLOGY

Enhance your Indoor Air Quality (IAQ) by choosing a robust germ neutralizer empowered by high-intensity Ultraviolet C-Band UVGI technology. Recognized by the Center for Disease Control and Prevention (CDC) as an effective measure to curtail the transmission of airborne microorganisms, UVGI is your ally in creating a safer environment. The American Society of Heating and Air Conditioning Engineers (ASHRAE) has also taken the lead in addressing concerns regarding the spread of contagious viral diseases. Their recommended mitigation strategies encompass aspects like dilution fresh air ventilation, advanced filtration, and the invaluable addition of UVGI technology.

UV-AIRE™ IN-DUCT AIR PURIFIER MODELS							
Model	Sizing (tons)	Minimum Duct Width (inches)	Voltage	Lamp Wattage	Lamp Intensity		
					(μW/cm²@1m)	(μW/cm²@1in)	(μW/cm²@0in)
UV-16/120	1.5 to 5.0	16	120	30	62	7,874	21,948
UV-16/24	1.5 to 5.0	16	24	30	62	7,874	21,948