



## Can Protect Your Most Valuable Asset: Your Family's Health

### INNOVATIVE BI·ANALYSIS

creating solutions | getting results

Model **UV-16/120** showed significant capabilities in **neutralizing active SARS-CoV-2** USA-CA1/2020, indicating a **99.99% net reduction after 2.5 seconds** of exposure to the UVC lamp.



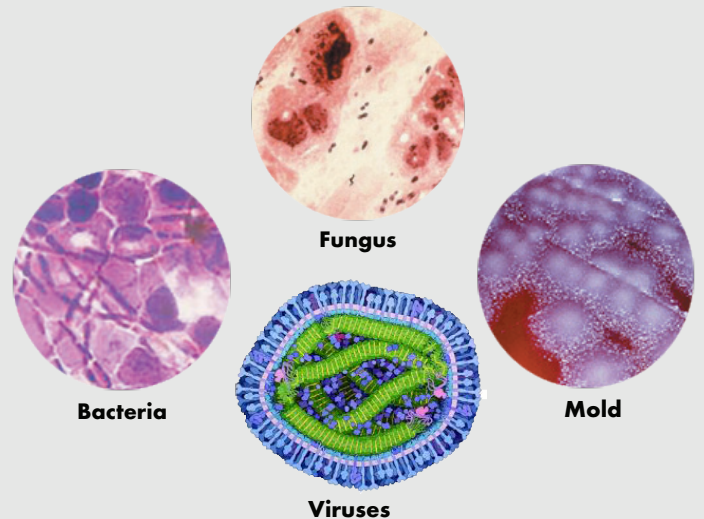
## Healthy Home System Purification For Your Home

### UV-AIRE™

#### PROVEN POWERFUL IN-DUCT AIR PURIFIERS

The UV-Aire 16 unit is designed to emit powerful UVC band light rays which reduces airborne viruses and microorganisms as they pass through a heating or air conditioning system. It is installed in the main supply or return duct and operates continuously to automatically purify the air in the home 24 hours a day. The UV-Aire 16 is available in both 120V and 24V versions. The UV-Aire 16 (120v) plugs into a standard outlet. The UV-Aire 16 (24v) comes with its own plugin power supply. The UV lamp neutralizes an organism's DNA and makes it unable to replicate. As indoor air circulates through the duct system, it is consistently bathed in UV light as it passes through the treatment zone. Based on the design of the central air system, each molecule of air will pass over the lamp 75-150 times a day.

### UV-Aire™ Neutralizes Airborne Germs



VERIFIED  
ZERO OZONE

MEETS UL 299B  
DOES NOT EMIT MORE THAN  
0.005 PPM AS TESTED  
PER UL 867



Consistent with WHO, ASHRAE and CDC guidance for addressing Airborne Viruses - High Efficiency Filtration and UVC Air Treatment

# TURN YOUR HEATING AND COOLING SYSTEM INTO A WHOLE HOUSE AIR PURIFICATION SYSTEM

## THE FLU SHOT IS ONLY 65% EFFECTIVE

Flu season can last from October until May, according to the CDC. People with flu can spread it to others up to 6 feet away by producing droplets when they cough, sneeze, or talk. Installing a UV-Aire 16 air purifier will help neutralize viruses along with bacteria, mold, and airborne germs. The UV-Aire 16 can also keep AC-coils clean. AC-coils are in moist, dark places, the perfect breeding ground for mold and toxic biofilm that releases germs into the air. The AC system will run more efficiently, you will save on energy cost, and less maintenance when a UV-16 purifier is placed near the AC-Coil keeping it clean.

## HOW FLU SPREADS

People with the flu can spread it to others up to about 6 feet away. Most experts think that flu viruses spread when people with the flu produce droplets when they cough, sneeze, or talk. These droplets can land in the mouths or noses of people who are nearby, or possibly be inhaled into the lungs. Less often, a person might get the flu by touching a surface or object that has flu virus on it and then touching their own mouth, nose, or possibly their eyes.




## FLU & MEASLES PREVENTION

UV-Aire™ uses a high intensity ultraviolet (UVC) lamp to reduce airborne germs like flu and measles and purify the air as it circulates through the HVAC system. When installed above or below the AC coil, UV-Aire also works to keep the coil free of biofilm so the HVAC System works more efficiently and has a

- **Available in both 24V and 120V models**  
24V includes a plug-in transformer  
120V plugs into standard outlet
- **Compact Design**  
Fits in tight spaces
- **Built-In Safety Switch**  
Designed to light only inside the duct
- **Easy Lamp Replacement**  
With the simple TurnLoc™ Ballast design

Improve Indoor Air Quality (IAQ) by selecting a potent germ neutralizer with high intensity Ultraviolet C-Band UVGI technology. The Center for Disease Control and Prevention (CDC) recommends the use of UVGI as an effective technology to minimize the spread of airborne microorganisms. The American Society of Heating and Air Conditioning Engineers (ASHRAE) has addressed concerns of contagious viral disease transmission with recommended mitigation strategies that include dilution fresh air ventilation, filtration, and UVGI.

Pure								
UV-AIRE™ IN-DUCT AIR PURIFIER MODELS								
	Model	Sizing (tons)	Minimum Duct Width (inches)	Voltage	Lamp Wattage	Lamp Intensity		
						( $\mu\text{W}/\text{cm}^2@1\text{m}$ )	( $\mu\text{W}/\text{cm}^2@1\text{in}$ )	( $\mu\text{W}/\text{cm}^2@0\text{in}$ )
	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