



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 UV-C lamp.



UV-Aire 16

PCUV-16UA



**UPGRADE YOUR UVC PURIFICATION SYSTEM
WITH PRO-CELL TECHNOLOGY
WHOLE HOUSE AIR PURIFICATION FOR THE HEALTH
OF YOUR FAMILY**



DUO PERFORMANCE RELIABILITY

Transform any ducted heating and cooling system into a powerful, whole house air purifier and upgrade when ready to magnify its purification performance capability. Start with the UV-Aire 16, a powerful UVC germicidal air purifier (available in 24V or 120V) designed to reduce airborne bacteria, viruses, mold, and fungi. At any time, add the PCUV-16UA PRO-Cell™ Upgrade Assembly, boosting the UVC germicidal performance with patented PRO-Cell™ Technology to reduce gaseous airborne contaminants, toxins, and odors in your home.

AIR PURIFICATION

The UV-Aire 16 duct-mounted model is designed for forced-air heating and cooling systems. The UVC germicidal lamp continuously reduces airborne invaders such as bacteria, viruses, mold, and fungi.



VOC & ODOR CONTROL

Reduce VOCs and odors with the addition of our patented PRO-Cell™ technology, our exclusive Photo-Reactive Oxidation process.



When the patented catalytic aluminum substrate is exposed to UVC light, the PRO-Cell's extensive surface area transforms the odors and volatile organic compounds (VOCs) into harmless, odorless water vapor and carbon dioxide.

1 UVC GERMICIDAL PURIFICATION

Reduces bacteria, viruses, mold, and fungi. Keeps the AC-coil clean.

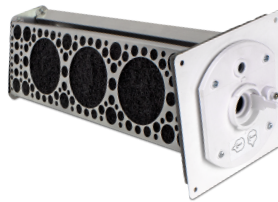


UV-AIRE 16 (24V OR 120V)

Powerful UVC Germicidal Purification featuring easy lamp replacement with the simple TurnLoc™ ballast design.

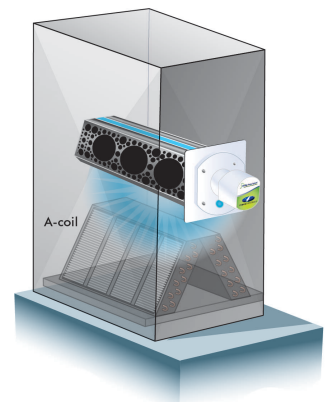
2 PATENTED PRO-CELL™ TECHNOLOGY

Catalytic Aluminum substrate dramatically reduces VOCs, odors, and toxic gases.



OPTIONAL

Add the PCUV-16UA PRO-Cell™ Upgrade Assembly to maximize whole house purification performance



UV-AIRE INDUCT WHOLE HOUSE AIR PURIFIER SPECIFICATIONS

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

OPTIONAL PRO-CELL™ UPGRADE ASSEMBLY SPECIFICATIONS

Model	Sizing (tons)	Toxic Gas Reduction (VOCs)	Bacterial Germicidal Reduction	Pressure Drop (in WC)
PCUV-16UA	1.5 to 5.0	99.9%	99%	.02

