

# Whole-House Air Purification

FOR THE HEALTH OF YOUR FAMILY



**FIELD CONTROLS**

# PURE



## Duo Performance Reliability

Transform any ducted heating and cooling system into a powerful, whole-house germicidal air purifier and upgrade any time to magnify its purification performance capability. Start with the UV-16, a powerful UVC germicidal air purifier (available in 24V or 120V) designed to neutralize 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-16 duct-mounted model is designed for forced-air heating and cooling systems. The UVC germicidal lamp continuously attacks and neutralizes airborne invaders such as bacteria, viruses, mold, and fungi.

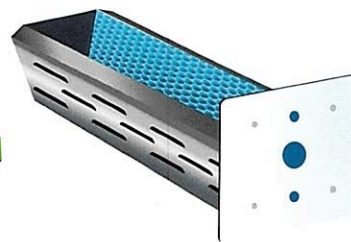


- 1 UVC Germicidal Purification  
Neutralizes bacteria, viruses, mold, and fungi. Keeps the A-Coil clean.



UV-16 24V or 120V  
Powerful UVC Germicidal Purification

- 2 Patented PRO-Cell™ Technology  
Aluminum honeycomb cells dramatically reduce VOCs, odors, and toxic gases in smoke.



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

### VOC & Odor Control

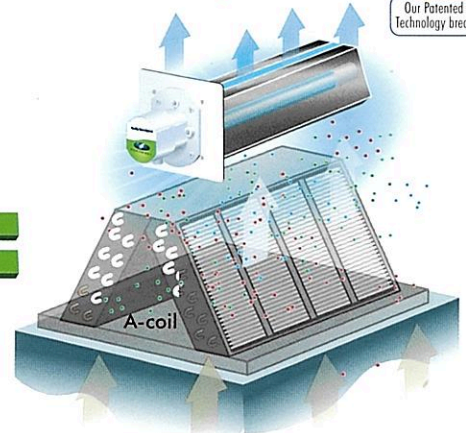
Remove VOCs and odors with the addition of our patented PRO-Cell™ technology, our exclusive Photo-Reactive oxidation process.





When the patented aluminum honeycomb cells are 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. The PRO-Cell core is maintenance free and never needs replacing.



Fresh, Pure Air



	In-Duct Models					
	Model	Sizing (tons)	Voltage	Lamp Wattage	Lamp Intensity ( $\mu\text{W}/\text{cm}^2 @ 1\text{m}$ )	Lamp Life Efficiency
	UV-16/120	1.5 to 5.0	120	30	62	2 years
	UV-16/24	1.5 to 5.0	24	30	62	2 years

	Optional PRO-Cell™ Upgrade Assembly					
	Model	PRO-Cell™ Surface Area (sq. in.)	Sizing (tons)	Bioaerosol and VOC Reduction	Static Pressure Performance	Application
	PCUV-16UA	3,110	1.5 to 5.0	93.7%	.02 inWC @ 2000cfm	UV-16 Model Upgrade



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fieldcontrols.com

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