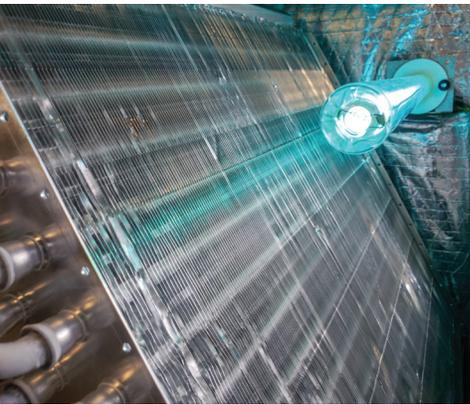


THE ORIGINAL WHOLE-HOUSE AIR PURIFIER

The Fresh-Aire UV AHU Series 1 germicidal UV light system is installed in the central air system where it sterilizes airborne viruses and bacteria. It also suppresses mold growth on the cooling coils and surrounding areas while generally improving indoor air quality throughout the home. It is available in single/dual or triple/quad lamp configurations for more comprehensive UV light disinfection.

FEATURES/BENEFITS

Water-resistant shielded UVC lamp	Sterilizes airborne viruses, bacteria, mold
Heavy-duty Nema-rated power supply	Improves indoor air quality
Automatic input voltage selection	Inhibits HVAC mold growth
120 - 277 VAC 50/60 Hz.	Saves energy/reduces maintenance cost
Lifetime Warranty for all parts except lamps	Improves indoor air quality

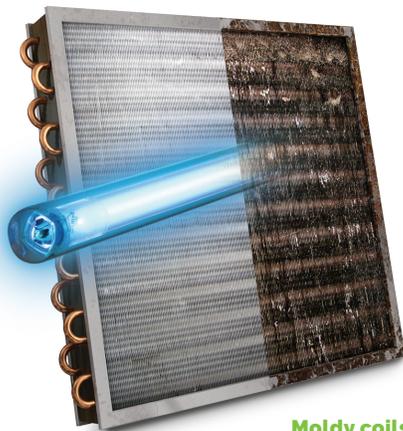


EXTENDS THE LIFE OF THE HVAC SYSTEM

A biofilm on AC coils of only 0.002" can reduce efficiency by 37%! UV AHU Series 1 keeps AC coils clean and is the most cost-effective and practical solution.

CLEANS THE COIL AND DRAIN PAN

Helps keep the HVAC system running efficiently and extend its life.

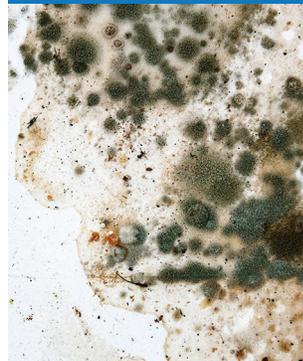


Clean coils with UVC light

Moldy coils without UVC light



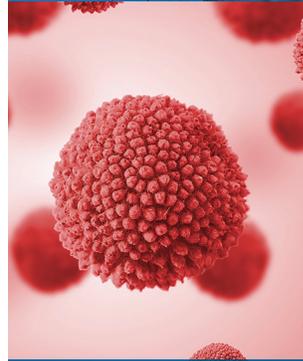
Neutralizes Mold, Bacteria, Viruses, and Allergens



MOLD



BACTERIA



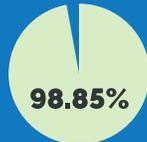
VIRUSES



ALLERGENS

We are committed to developing and validating our products. AHU Series 1 Testing achieved incredible results:

Fresh-Aire UV systems are not intended to diagnose, treat, prevent, or cure any disease.



Bacteria
(*S.epideridis*)*



Viruses
(MS2 coliphage)*



Mold
(*A.niger*)*



Odors
(VOCs)*



SARS-CoV-2 virus
within 3 seconds of exposure**

* % Reduction of common indoor air contaminants over 4 hours. Tested at airflow velocity of 492-fpm (0.93m3/sec)

**The SARS-CoV-2 virus test was conducted at a distance of 6" on test surfaces in a laboratory setting.



PROTECTION

Protecting our homes and families from airborne infectious diseases has become the highest priority.

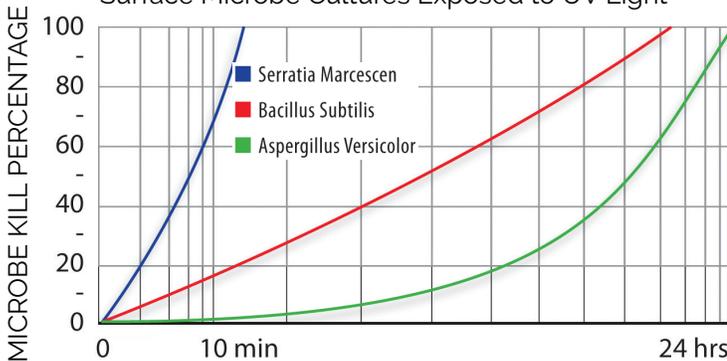
The unique germ-killing properties of UVC light have been known for over a century. Because UVC in sunlight is filtered by the Earth's atmosphere, microbes (including viruses) have no defense against it.

This chemical-free technology is now used for hospital disinfection, food safety, and water purification.

AHU Series 1 Specs		
UV Lamp	254 nm germicidal UVC, quartz hot filament	
Dimensions	Lamp: 15"L x 0.74" Dia. Power Supply: 8.75"L x 3.5" W x 2.5"D ST Power Supply: 5.0"W x 1.1" H x 2.4"D	
Electrical	Auto switching multi-voltage 0.51A /120V Thru 0.22A /277Vs	
Kit Includes	Power Supply (NEMA IP54), UV Lamp(s), 6' Lamp Cable, 6' Power Cord, Lamp Mounting Brackets, Mounting Hardware and Panel Indicator	
Warranty	Lifetime for all parts except lamp	
Part Numbers		
Single Lamp Systems		Replacement Lamp
TUV-100S-I	1 Year Lamp	TUVL-115P
TUV-200S-I	2 Year Lamp	TUVL-215P
Dual Lamp Systems		Replacement Lamps
TUV-100D-I	1 Year Lamps	TUVL-115P
TUV-200D-I	2 Year Lamps	TUVL-215P

UV ANTIMICROBIAL EFFECTIVENESS

Surface Microbe Cultures Exposed to UV Light



THIS DEVICE COMPLIES WITH PART 18 OF THE FCC RULES.

EPA Est. Reg. No. 075179-FL-002



DESIGNED & ASSEMBLED IN THE U.S.A.