

FRESH-AIRE UV™

Patent Pending

Air Handler Mounted (AHU) Series Germicidal Ultraviolet Light Systems

Features

- Water Resistant Shielded Lamp Design for Stable UV Operation.
- Electronic High Efficiency Ballast Design for Optimum Lamp Performance.
- Automatic Input Voltage Selection from 120 - 277 VAC 50/60 Hz.
- Lifetime Power Supply Warranty!

Lifetime
POWER SUPPLY
Warranty

All Fresh-Aire UV™ models incorporate the best in power supply technologies utilizing a high efficiency electronic ballast design for stable lamp operation and increased lamp life. The power supply has an automatic switch to accept voltages from 120-277 VAC and comes with an unconditional lifetime power supply warranty.



Benefits

- Reduces Household Odors, Germs and Viruses from the air space.
- Eliminates Mold, Mildew and Fungus Growth in the Air Handler.
- Prevents slime build up in the drain pan.
- Improves Air Handler System Efficiency and Performance.



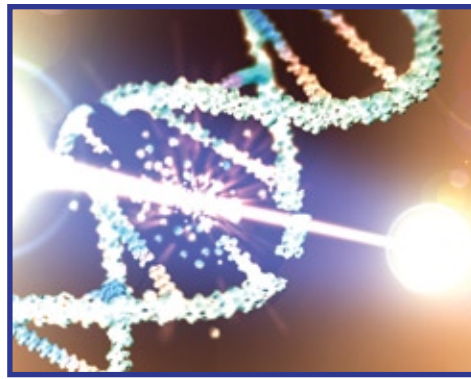
Fresh-Aire UV™ Max Life Lamps incorporate a shielded design which provides stable lamp operation in cold moist environments. And by enhancing the lamp's filament technologies we are able to **extend lamp life-spans** for as long as **two years** or more.

Available with:



Fresh-Aire UV™ lamps equipped with **OST® Odor Sanitizing Technology** emit UV light at two different frequencies which break down odor causing molecules as well as destroy air-borne biohazards.

The **Fresh-Aire UV™** Air Handler (AHU) Mount Kit is designed for internally mounting of the UV power supply to accommodate tight installations. The power supply is completely sealed for mounting in wet locations. In addition, the UV lamp cables incorporate a waterproof connector design with a 6' lead to allow safe routing of cables within the air handler. The power lead is a water-resistant cord that is intended for direct connection to the main power source of the air handler.



Germicidal ultraviolet light works by breaking up the DNA of microorganisms.

FRESH-AIRE UV™

Specs

TUV-100 SERIES	
UV Lamp	Standard 100% 254 NM Germicidal UVC Spectrum
TUV-100-OS SERIES	
UV Lamp	90% Standard 254 NM Germicidal UVC Spectrum 10% 185 NM Odor Oxidation Spectrum
TUV-100 & TUV-100-OS SERIES	
Dimensions	Lamp: 15"L x 0.74" Dia. Power Supply: 4.2"L x 1.8" W x 1"D
Weight	Weight - 1 lb.
Electrical	Auto Switching Multi-Voltage 120 - 277 VAC, 0.51-0.22 Amps
Kits Include	Internally Mountable Power Supply, 6' Lamp Cable, 6' Power Cord, UV Lamp(s), Lamp Mounting Brackets, Mounting Hardware and Panel Indicator.
Lamp Type	Unshielded Quartz Hot Filament
Warranty	Lamps 1 Year Power Supply Lifetime

FRESH-AIRE UV™

MAX LIFE Specs

TUV-200 SERIES	
UV Lamp	Max Life 100% 254 NM Germicidal UVC Spectrum
TUV-200 SERIES	
UV Lamp	90% Max Life 254 NM Germicidal UVC Spectrum 10% 185 NM Odor Oxidation Spectrum
TUV-200 & TUV-200-OS SERIES	
Dimensions	Lamp: 15"L x 0.74" Dia. Power Supply: 4.2"L x 1.8" W x 1"D
Weight	Weight - 1 lb.
Electrical	Auto Switching Multi-Voltage 120 - 277 VAC, 0.51-0.22 Amps
Kits Include	Internally Mountable Power Supply, 6' Lamp Cable, 6' Power Cord, UV Lamp(s), Lamp Mounting Brackets, Mounting Hardware and Panel Indicator.
Lamp Type	Shielded Quartz Hot Filament
Warranty	Lamps 2 Years Power Supply Lifetime

Mounting Options



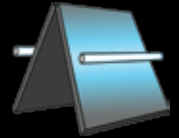
Single Lamp 'Slab'



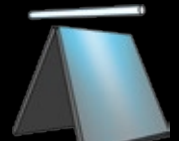
Dual Lamp 'Slab'



Single Lamp 'A'



Dual Lamp 'A'



Single Lamp 'A' Perpendicular



Dual Lamp 'A' Perpendicular



Single Lamp 'A' Perpendicular



Single and dual lamp configurations available.

100 = 1 YEAR LAMP
200 = 2 YEAR LAMP

S = SINGLE
D = DUAL

O3 = ODOR
SANITIZING

AHU MOUNT POWER SUPPLY

Model
TUV-200D-I-03



A **Fresh-Aire™** Product Manufactured by:
Triatomic Environmental, Inc.
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www.freshaireuv.com

Available From: