

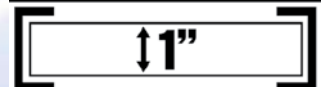
COMBINED GERMICIDAL UV LIGHT & 1" ENHANCED AIR FILTRATION

FRESH-AIRE UV™ FILTER

Patent Pending

Triatomic continues to offer the best in UV technology for all re-circulating air handling systems with the release of the patent pending Fresh-Aire UV-Filter system. Our unique design allows for our Fresh-Aire UV light and 1" filter to be combined together for installation into any standard 1" filter slot or filter grill. This combined approach provides not only filter and air sterilization, but also allows the UV light to target hard to reach areas downstream of the filter element.

FITS ALL STANDARD



FILTER SLOTS

The Fresh-Aire UV-Filter is available as a complete UV Filter Combination Unit including a special UV reactive filter media and a UV Element. The filter media is designed to increase the UV lights' ability to react with the moving air stream, increasing it's reactivity with captured particulate and greatly reducing airborne pathogens. Plus, with the addition of the Odor-Splice option, typical indoor odors can be greatly reduced.

FEATURES

- Water resistant shielded lamp design for stable UV operation
- Electronic high efficiency ballast design for optimum lamp performance
- 18-32 Or 110-277 vac power supply with flexible mounting options
- 1" mounting frame
- 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™ 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.



**Extended Range
18-32 or 110-277 VAC
Power Supply
Options!**



How Does Germicidal UV Light & Filtration Work?

Micro-organisms that travel through your indoor air can get trapped in the moist environment of your air conditioning system. Bacteria can then breed and spread throughout the **HVAC** system and your home.

The **Fresh-Aire UV™ Filter** system filter attacks and sterilizes micro-organisms where they live and breed in your air conditioning system. The system filters and purifies the air that moves through your home, improving the quality of the air you breathe.



Fresh-Aire UV Filter system mounted in air handler

FRESH-AIRE UV FILTER™

Specs

TUVF-100 Series UV-Filter	
Filter Media	MERV 6* tacified UV reactive spun glass media (initial resistance 0.13 W.G.) * - Independent lab test results to ASHRAE 52.2
Filter Frame	Epoxy coated aluminum frame, metallic screening, hinged filter access port with built-in UV safety interlock switch
Electrical	Auto switching multi-voltage 120-277 VAC 0.51-0.22 A (optional 24 VAC power supply available)
UV Lamp Standard	100% 254 nm germicidal UVC spectrum
UV Lamp OST Option	90% standard 254 NM germicidal UVC spectrum 10% 185 NM odor oxidation spectrum
Guaranteed Lamp Life	1 year
Warranty	Lamps 1 year Power supply 5 years

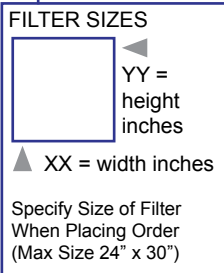
Model TUV-200D-I-03-FXXYY

100 = 1 YEAR LAMP
200 = 2 YEAR LAMP

S = SINGLE
D = DUAL

O3 = ODOR
SANITIZING

I = AHU Mounted
E = Duct Mounted
ER = 18-32 VAC Power Supply



Single and dual lamp configurations available.

PRODUCT COMPARISON

	Germicidal UV	Electronic Air Cleaner	Media Air Cleaner	Fresh-Aire Germicidal UV Filter™
Surface Disinfection	YES	NO	NO	YES
Airborne Disinfection	NO	NO	NO	YES
Particulate Removal	NO	YES	YES	YES
Negative Ion Generation	NO	YES	NO	YES
Odor Removal	YES	YES	NO	YES



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

Available From: