

FRESH-AIRE UV.
APCO[®] RT
 IN-DUCT AIR PURIFIER



APCO[®] RT

The Fresh-Aire UV APCO[®] RT (remote tether) system works with your central air system to reduce odors, toxic chemical vapors, germs and mold in your home. APCO[®] RT uses the same technology as the standard APCO unit but is easier to install in tighter spaces.

DETOX THE AIR IN YOUR HOME

How APCO[®] Works

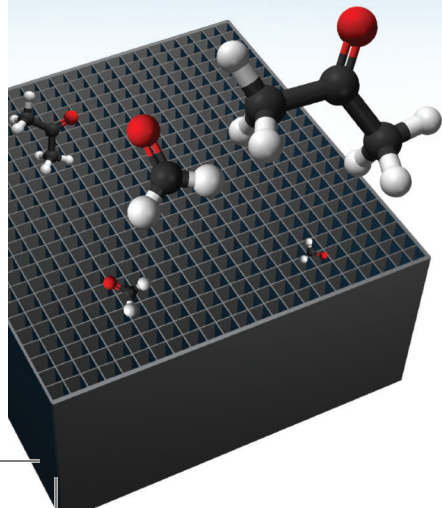
APCO[®] RT removes airborne contaminants as the air is circulated by the central air system.

Airborne microbes and volatile organic compounds (odor molecules) are captured by the APCO[®] activated carbon matrix and held in place by the microscopic structure.

Fight Germs & Odors Without Ozone

Unlike many air-cleaning devices, APCO[®] produces no ozone. UV-C light shining on the APCO[®] activated carbon matrix causes a photocatalytic reaction which transforms odor molecules into harmless water vapor and CO₂ which are released into the airstream.

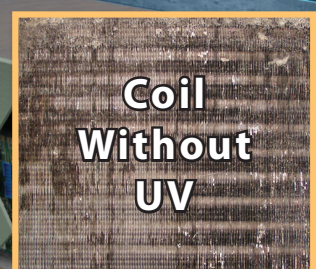
Mold, germs, and viruses are sterilized by UV-C light shining on the carbon matrix and in the air as they pass by.



ENTER THE MATRIX

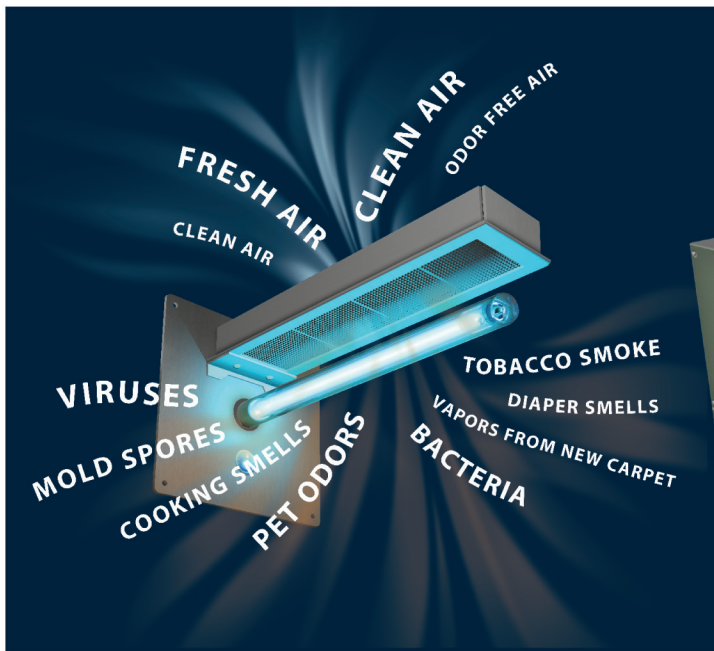
The matrix of titanium dioxide infused activated carbon cells inside APCO[®] RT attracts and holds odors, microbes, and VOC molecules which are then catalyzed by exposure to UV light.

The carbon cells are self-cleaning and the system is virtually maintenance-free other than lamp replacement.

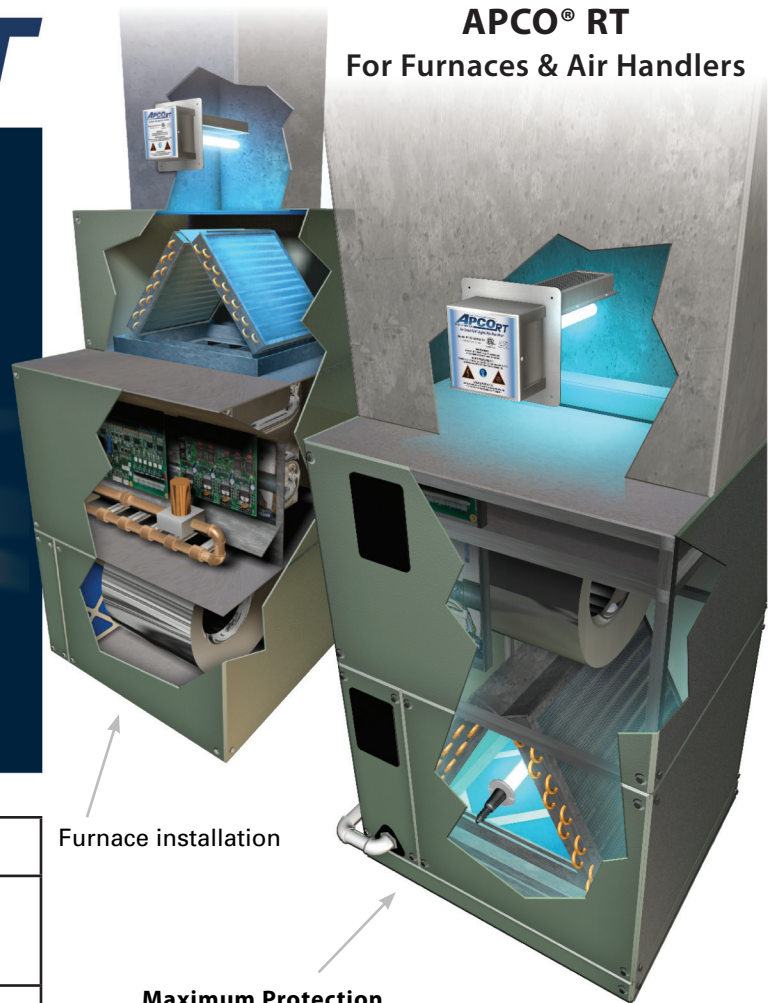


UV-C light suppresses microbial growth on HVAC coils and surrounding areas

FRESH-AIRE UV. APCO[®] RT IN-DUCT AIR PURIFIER



APCO[®] RT For Furnaces & Air Handlers



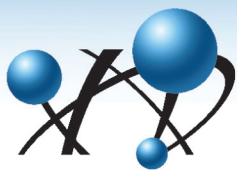
Furnace installation

Maximum Protection
APCO[®] RT Dual includes a second UV lamp which is mounted at the cooling coils.

Specifications	
UV Lamp	Standard 100% 254 NM Germicidal UV-C Spectrum Quartz Hot Filament
PCO Cell	Advanced Monolithic Absorptive PCO cell with proprietary absorption media and proven TiO ₂ photo-catalyst,
Pressure Drop	<0.01" w.c. @ 400 FPM
Dimensions	Cell & Lamp: 3.5"W x 2.5"H x 9.25"D Enclosure: 6"W x 6"H x 2.5"D
Electrical ER Series	18-32 VAC, 60 Hz, 0.68 Amps, 16 VA Low-voltage power-supply
Electrical ST / DT Series	120-277 VAC, 50/60 Hz, 0.51 Amps/120V Thru 0.22 Amps/277V High-voltage power-supply
Warranty	Lifetime on all parts except lamp

Part Numbers		
ER (Low Voltage) Internal Mount Power Supply	TUV-APCO-RT-ER	1 year single
	TUV-APCO-RT-ER2	2 year single
ST / DT (High Voltage) Internal Mount Power Supply	TUV-APCO-RT-ST	1 year single
	TUV-APCO-RT-DT	1 year dual
	TUV-APCO-RT-ST2	2 year single
	TUV-APCO-RT-DT2	2 year dual

U.S. patent #7,704,463



TRIATOMIC
ENVIRONMENTAL

 Made in USA

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