

# APCO<sup>®</sup> RT

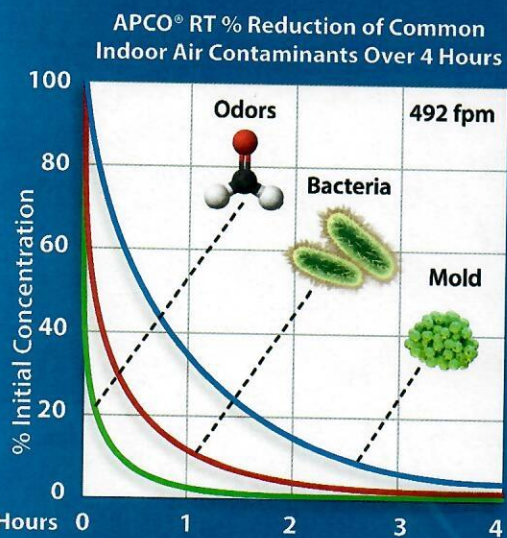
WHOLE-HOUSE AIR PURIFIER

FOR SMALLER DUCTS

## DETOX THE AIR

APCO<sup>®</sup> RT uses a unique combination of UVC light and activated carbon cells to reduce airborne odors, mold, germs and allergens throughout the entire home.

APCO<sup>®</sup> RT is installed in the duct work of the central air system so it can remove airborne contaminants as they pass by. APCO<sup>®</sup> RT is similar to the standard APCO<sup>®</sup> model but is designed to fit in smaller ducts.



FRESH-AIRE UV  
LIFETIME WARRANTY  
ALL PARTS EXCEPT LAMP

Laboratory studies show that after just a few hours of operation APCO<sup>®</sup> RT significantly reduces the most common forms of indoor air pollution\*

\* Visit [www.freshaireuv.com/apco.html](http://www.freshaireuv.com/apco.html) for more information

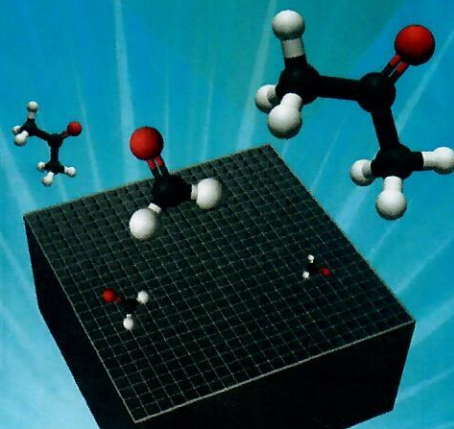
2011  
AHR  
EXPO  
INNOVATION  
AWARD  
WINNER

## ENTER THE MATRIX

At the heart of APCO<sup>®</sup> RT is a matrix of activated carbon cells. These cells attract and holds odors and microbes which are then catalyzed by exposure to UV light. The cells are self-cleaning and the system is virtually maintenance-free.



CHEMICALS  
MOLD SPORES  
ODORS  
COOKING SMELLS  
GERMS  
VIRUSES  
TOBACCO SMOKE  
PET ODORS

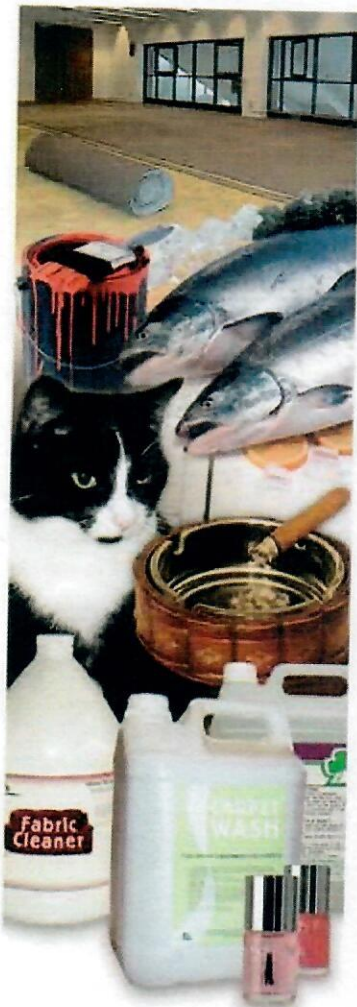


## Improved Indoor Air Quality

Indoor air pollution is often five times worse than outdoor air pollution. The unique design of APCO® addresses both biological and chemical contaminants in indoor air.

APCO® is especially effective against potentially toxic Volatile Organic Compounds (VOCs) which are the source of nearly all bad smells. APCO® also sterilizes microbes as they pass by in the air stream. The result is cleaner, healthier, fresh smelling indoor air.

## The Solution is APCO®...



### ODORS & VOCs

- Tobacco Smoke
- Pet Odors
- Cooking Smells
- Building Materials
- Flooring & Carpets
- Paints & Solvents
- Cleaning Chemicals
- Gas & Oil Fumes

### BIOLOGICAL

- Mold
- Bacteria
- Viruses
- Allergens

| Specifications  |  |  |
|---|--|--|
| UV Lamp   | Standard 100% 254 NM<br>Germicidal UV-C Spectrum<br>Quartz Hot Filament  |  |
| Pressure Drop   | <0.01" w.c. @ 400 FPM  |  |
| Dimensions  | Cell & Lamp: 5.25"W x 3"H x 9.25"D<br>SI-DI, DER Enclosure: 10"L x 10"W x 2"D<br>ER Enclosure: 8"L x 8"W x 2"D |  |
| Electrical<br>ER Series                                     | 18-32 VAC, 60 Hz, 0.68 Amps, 16 VA<br>Low-voltage power-supply   |  |
| Electrical<br>SI / DI Series                                | 120-277 VAC, 50/60 Hz,<br>0.51 Amps/120V Thru 0.22 Amps/277V<br>High-voltage power-supply                      |  |
| Warranty  | Lifetime on all parts except lamp  |  |
| Part Numbers  |  |  |
| ER<br>(Low Voltage)<br>Internal Mount<br>Power Supply       | TUV-APCO-ER<br>TUV-APCO-DER<br>TUV-APCO-ER2<br>TUV-APCO-DER2   | 1 year single<br>1 year dual<br>2 year single<br>2 year dual |
| SI / DI<br>(High Voltage)<br>Internal Mount<br>Power Supply | TUV-APCO-SI*<br>TUV-APCO-DI*<br>TUV-APCO-SI2*<br>TUV-APCO-DI2*   | 1 year single<br>1 year dual<br>2 year single<br>2 year dual |
| * Add 'P' for wall plug, example: TUV-APCO-SIP              |  |  |



New mounting plate with bendable tabs makes duct board installation quick & easy!

APCO® Dual installed in Air-handler

 Made in USA



Manufactured by Triatomic Environmental, Inc.

www.jkhvac.com  
(301) 990 - 0780



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