



Central Photo Catalyst UV System



Oxidize airborne household contaminants into simple water vapor and carbon dioxide

your **Indoor** air pollution

is something everyone struggles with. Since 1970 homes have been built “tighter” to conserve energy.



The EPA has now ranked indoor air pollution among the top 5 environmental dangers facing today's public.

You spend about 90% of your time indoors.

The quality of indoor air can be two to five times (and even up to 100 times) more polluted than the worst outside air.

The numbers are out! There has been an alarming increase in the number of children with severe allergies and asthma.

According to the American Heart Association and Lung Association allergies, asthma, lung cancer and heart problems have all been linked to poor indoor air quality.

You inhale approximately 20,000 breaths of air per day.

You likely understand the health benefits of clean water. Yet, most people are unaware of or ignore the importance of breathing clean air.



DON'T IGNORE YOUR HOME'S VERY REAL INDOOR AIR QUALITY PROBLEM.

The RPS Whole Home System designed to improve your home's air quality and help you breathe easier.

the Solution

RPS Whole Home Central Photo Catalyst UV System
will improve your indoor air quality



UV Light combined with Photo Catalytic Kills Germs

UV Light disinfection is widely used in hospitals, laboratories and the food industry to sterilize instruments and work surfaces to prevent the spread potentially lethal airborne infectious diseases. UV light is a chemical-free means of purification.

Indoor Air Contaminants Damage More than Respiratory Health

VIRUSES

- German Measles
- Influenza - Flu
- Cold
- ChickenPox
- Pneumonia
- Mumps

BACTERIAS

- Whooping Cough
- Bronchitis
- Meningitis
- Tuberculosis - TB
- Strep Throat

CHEMICAL POLLUTANTS

- Carbon Dioxide
- Formaldehyde
- Lead
- Asbestos
- VOC
- Cigarette Smoke

MATERIAL POLLUTANTS

- Mold, Mildew
- Fungi
- House Dust Mites
- Pollen
- Spores
- Dust, Dander
- Hair
- Lint



the System

How the RPS UV System Works

Without high-powered fans or thick filters, the RPS UV combines the power of two highly regarded contaminant fighting technologies - ultraviolet light and PCO (photocatalytic oxidation).

The RPS UV utilizes two, germicidal ultraviolet lamps that produce a total of 2400/4800 microwatts of contaminant killing power that destroys airborne bacteria, mold, fungi, viruses, volatile organic compounds (VOC's) & odors.

The powerful UV light is reflected throughout the chamber coming in contact with the chambers photocatalytic paint. This powerful combination quickly and efficiently oxidizes household contaminants into simple water vapor and carbon dioxide.

FEATURES

- Duct-mounted – vertical or horizontal mount
- Easy to install
- Simple to maintain
- 2 x 24W UV Germicidal Lamps
- Photocatalytic coating
- Refraction Plate (Distributes the light more intensely)
- Ozone-free

BENEFITS

- Whole-house air purification
- Neutralizes odors & toxic VOCs
- Safe, Effective & Quiet
- Easy to Maintain
- Oxidizes mold, bacteria, viruses, allergens
- Improves indoor whole home air quality
- Inhibits mold growth in HVAC system

The RPS Central Photo Catalyst UV unit is designed for air disinfection and installs into the air handling system or ductwork.

Warranty

- 10 Years Warranty
- Lifetime Service Warranty
- Lifetime Trade-In Warranty
- Lifetime Fire Protection Warranty

LIFE IS HARD
Breathe Easy

