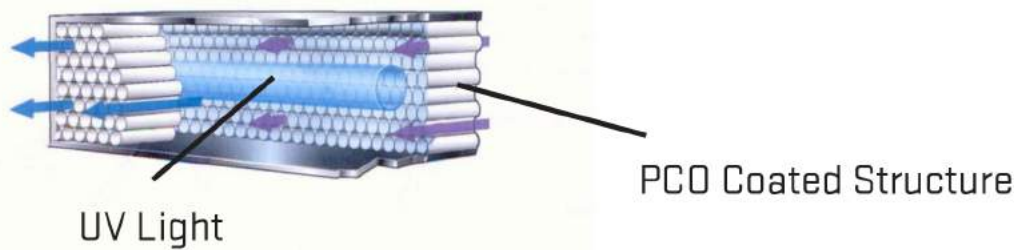


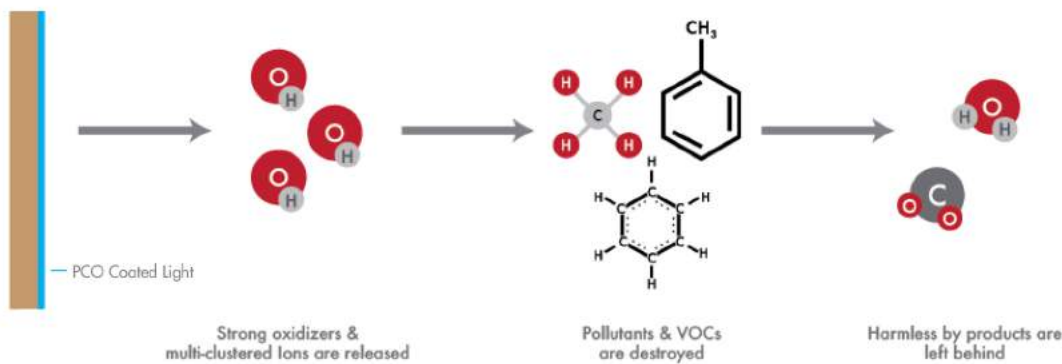


OVERVIEW PCO AIR TREATMENT SYSTEM

Our air purifiers utilize active photocatalytic oxidation technology in which UV light activates a PCO coated honeycomb structure. These air purifiers do not rely on air passing through the unit, but actively disperse air cleaning molecules into the surrounding environment.







The UV light activates the coating to create molecules capable of decomposing nitrous oxides (NOx), carbon monoxide (CO), formaldehyde, benzene, allergens, pathogens, odors and other volatile organic compounds (VOCs). These pollutants are converted into non-toxic compounds like carbon dioxide, water and nitrates.



USES & FEATURES

USES	FEATURES
<ul style="list-style-type: none">SchoolsHospitalsHotelsAirportsRestaurantsPublic infrastructureOfficesShopping centers	<ul style="list-style-type: none">Breaks down microbes (bacteria, viruses, volatile organic compounds (VOCs), allergens, molds, and odors), wherever they exist in the indoor environmentContinues to treat the environment with MCIs on a continual basisHas been proven unequivocally by independent universities and laboratories on a global basis to be highly effective and safeIs at work in many clinical, commercial, and residential buildings, as well as on the international space station



			
ATTACKS MICROBES	REDUCES ODOR	ECO-FRIENDLY	OZONE-FREE

UX105 SERIES PCO AIR TREATMENT SYSTEM

OVERVIEW



The UX105 Unit is an efficient, lightweight, plug-and-play unit designed for indoor environments up to 40,000 cubic feet. Designed with energy efficiency in mind, the PCO unit uses about the same amount of energy as a standard 15 Watt light bulb. Under normal conditions, the UX105 PCO cell should last up to 30 months, after which the cell is easily replaced. Can be installed as a standalone unit or mounted.

PRODUCT SPECS				
UNIT	ELECTRICAL	DIMENSIONS	WEIGHT	COVERAGE
UX105	100-240 VAC input 12; VDC 3.4A output	16"x5"x 5"	3 lbs	40,000 ft ³

UX200 SERIES PCO AIR TREATMENT SYSTEM

OVERVIEW



The 200 Series Units offer economical, low maintenance solutions for indoor air and surface cleaning through an in-duct design that operates 24/7. These units also provide the added benefit of protecting HVAC evaporative coils, commonly referred to as the a-coils, free of mold, mildew, and other biological contaminants which reduces HVAC maintenance and increases efficiency. There are three units in the 200 series which cover anywhere from 16,000 ft³ to 80,000 ft³. The PCO process is very efficient in it's operation, using about the same amount of energy as a standard 40W light bulb. Under normal conditions the UV bulb in the PCO Cell should last up to 30 months, at which time the bulb is easily replaced. The

200 Series Units can be installed in any HVAC system directly into the plenum or above the air handler in downstream locations.

Optional: All 200 Series In-Duct Units are available with an optional VariFlow Green Switch, an HVAC fan speed control switch that continues to run the fan at 35% of its normal speed in the central air conditioning and heating system when the heating and cooling functions are off. The fan itself costs hardly anything to run and uses the residual energy in the coil and/or heating unit. It operates quietly in most systems and keeps air treatment optimized at all times.

PRODUCT SPECS				
UNIT	ELECTRICAL	DIMENSIONS	WEIGHT	COVERAGE
UX202	12VDC Input Uses 13.3W	8" x 8" x 11"	2.8 lbs	16,000 ft ³
UX205	12VDC Input Uses 19.2W	8" x 8" x 16.75"	3.0 lbs	40,000 ft ³
UX205	12VDC Input Uses 33.0W	9.8" x 11.3" x 17"	4.5 lbs	80,000 ft ³

UX307 SERIES PCO AIR TREATMENT SYSTEM

OVERVIEW



The UX307 is a standalone unit that utilizes PCO technology in combination with three other advanced technologies to treat indoor air. First, an electrostatic filter keeps the device clean. Second, needlepoint ionization filters particles by clumping smaller particles together. The next technology uses activated oxygen to breakdown mold, bacteria, and other biological contaminants. The PCO technology performs a similar cleaning to the activated oxygen, but on the molecular level. The AWAY option allows for an intensified cleaning cycle while no occupants are in the room. CAUTION: DO NOT use AWAY Mode in occupied spaces as short term exposure to ozone levels above .05ppm can cause temporary adverse reactions. The AWAY mode can be programmed to different cleaning times, with a maximum clean time of two hours.

PRODUCT SPECS				
UNIT	ELECTRICAL	DIMENSIONS	WEIGHT	COVERAGE
UX307	100 – 240 V/50-60Hz 30W (universal input)	6.5"x6.8"x7.0"	3 lbs	12,000 ft ³

UX400 SERIES PCO AIR TREATMENT SYSTEM

OVERVIEW



The 400 Series Units are designed for transportation vehicles to provide on-the-go advanced cleaning. These lightweight units are highly efficient, using only the amount of energy consumed by a 5W light bulb. The bulbs should last up to 30 months, after which the cell is easily replaced. The 400 Series Units easily installed either as a surface mount, or as a flush mount, inside of a vehicle. Ideal for EMS and high-traffic public transportation vehicles.

PRODUCT SPECS				
UNIT	ELECTRICAL	DIMENSIONS	WEIGHT	COVERAGE
UX401	12 VDC Input Uses 0.07A	14"x7.5"x2.5"	2.7 lbs	SURFACE MOUNT- TRANSPORTATION
UX402	12 VDC Input Uses 0.07A	14"x9.5"x2.5"	2.7 lbs	FLUSH MOUNT- TRANSPORTATION

UX500 SERIES PCO AIR TREATMENT SYSTEM

OVERVIEW



The UX520 Unit is the most powerful of the PCO air and surface-cleaning units, covering up to 160,000 cubic feet. The UX520 utilizes the power of PCO cleaning around the clock, 24 hours a day, 7 days a week. The unit can be installed to hang from the ceiling using the provided two hanging bars. The unit operates off of a standard 120 VDC input. Under normal conditions, the UX520 PCO cells should last up to 25,000 hours.

PRODUCT SPECS				
UNIT	ELECTRICAL	DIMENSIONS	WEIGHT	COVERAGE
UX520	20 VDC Input Power Usage: Min 143W/1.43 A Max 274 W/2.78 A	25.0"x 26.5"x 23.5"	39 lbs	160,000 ft ³