

Model	CFM	Tonnage
UVMATRIX-PCO-24-4	up to 1,200	1-3
UVMATRIX-PCO-24-10	1,200 - 3,000	3- 7.5
UVMATRIX-PCO-24-2-10	3,000-8,000	8-20
UVMATRIX-PCO-LV-4	up to -1,200	1-3
UVMATRIX-PCO-LV-10	1,200-3,000	3-7.5
UVMATRIX-PCO-LV-2-10	3,000-8,000	8-20



EPA establishment number: 074725-VT-001

Ultravation® UV MatrixPCO

INDOOR AIR QUALITY (IAQ) IMPROVEMENT PRODUCTS

Photocatalytic (PCO) - Dual Band UVC Disinfection - VOC Reduction





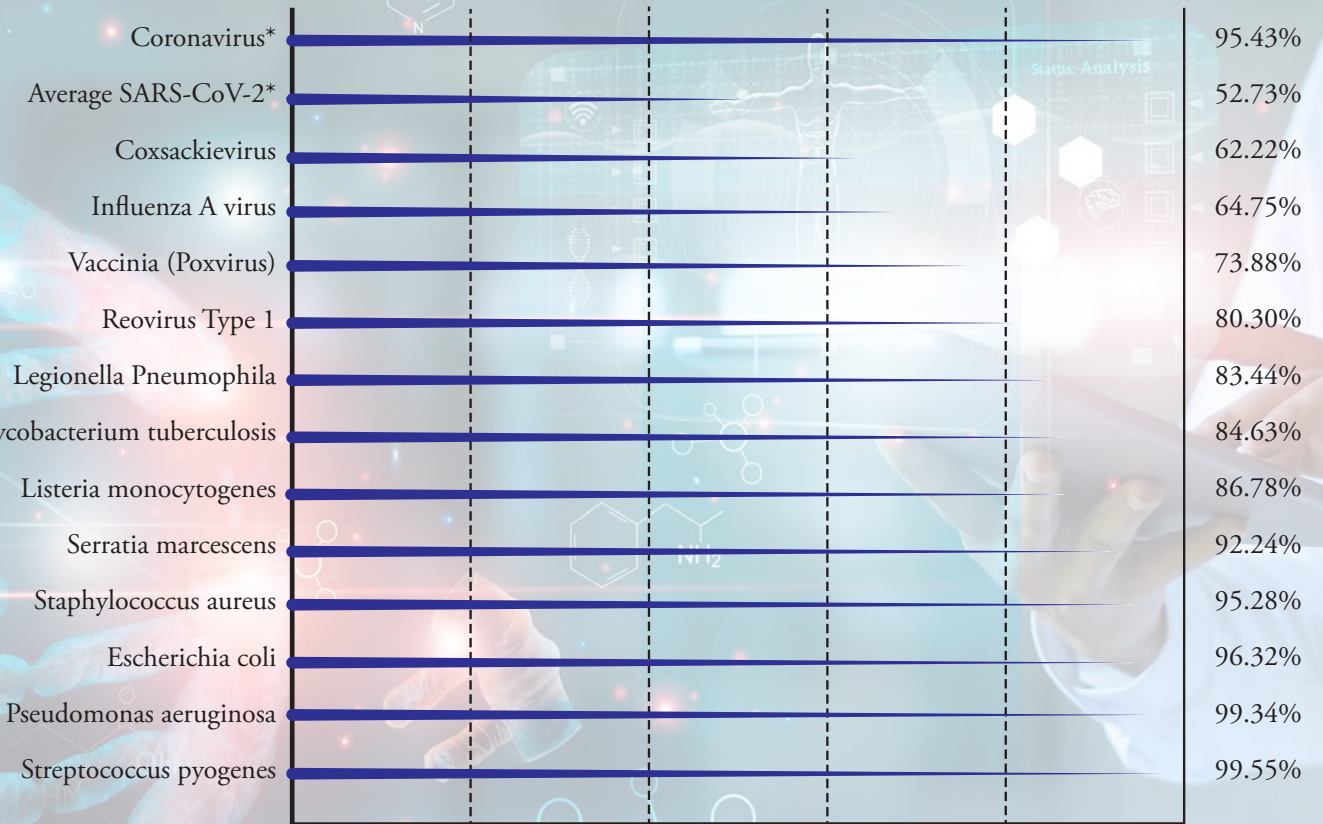
Installs in seconds



Works with any package unit system
24 VAC to 120v-277 VAC models available.
The UVMATRIX PCO is fast and easy to install
with pre-installed magnetic mounting.



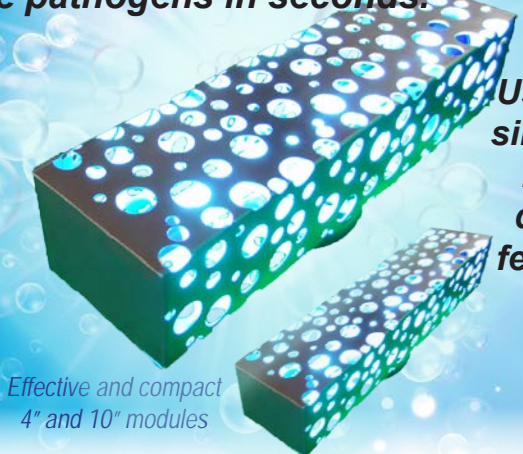
UVMATRIX-PCO-10 with option EZLight17-6P module @1200 CFM EOL 18,000 hours.
Actual results may vary



% Disinfection in HVAC Equipment

* Coronaviruses are members of the Coronaviridae group and contain a single-stranded, positive-sense RNA genome surrounded by a corona-like helical envelope (Ryan 1994). Approximately 100 sequences of the SARS-CoV-2 genome have been published and these suggest there are two types, Type I and Type II, of which the latter came from the Huanan market in China while the Type I strain came from an unknown location (Zhang 2020). Two recent studies on SARS-CoV-2 have been published (Inagaki 2020, Bianco 2020). The average value for 90% deactivation is 27 J/m², which suggests the average value for all coronaviruses reported above (47 J/m²) is conservative. Both of these studies indicate tailing in the survival curve above about 3-6 logs of reduction.

In addition to reducing airborne VOCs (Volatile Organic Compounds) and odor this series also sterilizes airborne pathogens in seconds.



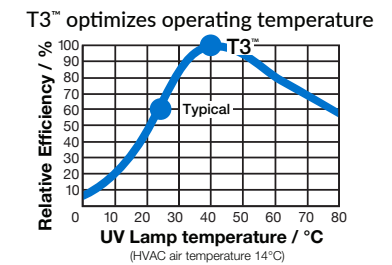
Effective and compact
 4" and 10" modules

Using a Patented titanium dioxide (TiO₂) + zinc (Zn) and silver (Ag) ion PCO formulation this series of equipment is constantly cleaning the air by creating a field of oxidation that travels at the speed of the HVAC system effectively reducing microbial populations and potentially harmful VOCs and odors.

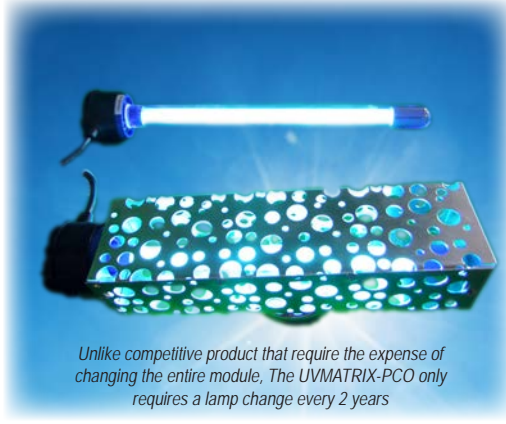
The UVMATRIX PCO series is designed to work on systems from 8,000 CFM down to 1,200 CFM. This unique design uses 2 different size modules to accomplish superior results!



Compact size
 3.5 x 3.5 1 inch high.
 6 ft power cord (24 VAC models)



- 10 year Warranty
- 2 year Lamp life

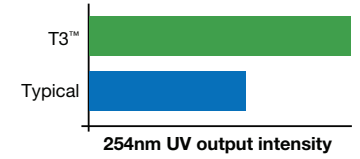


Unlike competitive product that require the expense of changing the entire module, The UVMATRIX-PCO only requires a lamp change every 2 years

PCO modules can be added, depending on VOC / odor levels!

Germicidal modules can be added to work in tandem with the PCO modules to add intensity of UVC/UVGI killing power to effectively reduce airborne pathogens such as virus and bacteria.

T3™ lamps produce 40% more output than typical UV lamps with no additional power consumed



Perfect for any system

Model	Description	CFM	Tonnage
UVMATRIX-PCO-24-4	24 VAC 6P compatible 4" lamp module	up to 1,200	1-3
UVMATRIX-PCO-24-10	24 VAC 6P compatible 10" lamp module	1,200 - 3,000	3- 7.5
UVMATRIX-PCO-24-2-10	24 VAC , Two 10" lamp Modules	3,000-8,000	8-20
UVMATRIX-PCO-LV-4	120-277 VAC 6P compatible 4" lamp module	up to -1,200	1-3
UVMATRIX-PCO-LV-10	120-277VAC 6P compatible 10" lamp module	1,200-3,000	3-7.5
UVMATRIX-PCO-LV-2-10	120-277 VAC , Two 10" lamp modules	3,000-8,000	8-20
EZlight12-6p (not compatible with 2-10 models)	12 UVC lamp adder	n/a	n/a
EZlight17-6p (not compatible with 2-10 models)	17" UVC lamp adder	n/a	n/a
94-015-6P	6 ft extension cable	n/a	n/a

Add modules for sterilization!

- The perfect solution for
- Schools
 - Condos
 - Rentals
 - Businesses
 - Vacation Homes
 - Public Buildings
 - Restaurants
 - Doctors Offices
 - Veterinary Clinics

