

Ultravation®
UVPhotoMAX™
 Photocatalytic Air Purifier



Overview

A viral challenge study designed by the independent testing firm **Innovative Bioanalysis, Inc.** of Costa Mesa, California confirms the efficacy of the Ultravation® UVPhotoMAX™ PTE/PTX Photocatalytic Air Purifier for use against coronaviruses, specifically SARS-CoV-2, the virus that causes COVID-19. Odor, VOC, toxic chemical and pathogen destruction PCO system** and PCO formulation was Ultravation proprietary patented*** TiO₂ plus Ag+Zn ion.

Summary of results and conclusions —

UVPhotoMAX immediately starts killing microbes!

Surfaces in living spaces
99.99% kill rate for SARS-CoV-2 (the virus that causes Covid-19) within 30 minutes*

HVAC system and ductwork
SARS-CoV-2 virus kill rate: 99.99% in 2-seconds*

ALL tests performed under extreme conditions!

Testing was performed in conditions **designed to exceed probable real-world scenarios**. Air speed across the purifier was 75% higher than typical, and concentrations of virus far exceeded the probability of the natural occurrence of the virus on a surface.

Maximize effectiveness! The UVPhotoMAX unique Double Exposure UV™

Only Ultravation enables you to double the germicidal effectiveness! Simply add an additional long-life, 18,000 hr UV lamp, creating two areas in the HVAC system for disinfection, in the ductwork **and** coil area. Connects directly to the UVPhotoMAX, no extra electronics to buy. Also keeps the coil clean, sterilized and efficient.

*Full details are available at Ultravation.com

Disclaimers:

- 1) Innovative Bioanalysis, Inc. makes no claims about performance except the specific unit tested and for the specified experiment parameters.
- 2) UVPhotoMAX™ is not a medical device and Ultravation makes no claim that it prevents or cures any disease. Ultravation does not claim or suggest this product replaces any other precaution that should be taken against airborne pathogens. All guidelines that the CDC, EPA and other official authorities might recommend should be followed.

** Protected under U.S. Patent # 6,809,326B2 #6,838,057B2
 *** PCO Formulation U.S. Patent 6,429,169

SARS-CoV-2 Kill Rate, PCO Purifier

