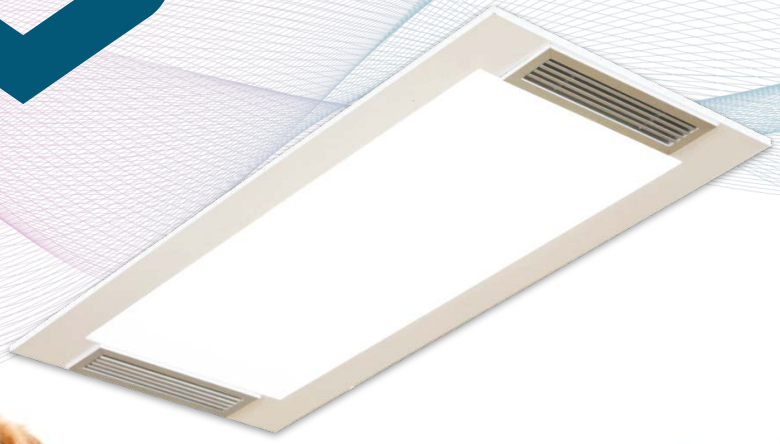
VIDASHIELD™

UV24

# FAST, CONTINUOUS UV-C AIR PURIFICATION SYSTEM FOR VETERINARY FACILITIES



## DON'T LET *CONTAMINATED AIR* PUT THE HEALTH OF YOUR PATIENTS AND BOARDERS AT RISK.

How important is the well-being of your patients and staff? There is an invisible threat in your facility that impacts patient care, employee retention and even creates financial risk. And you may be doing nothing about it.

Reduce the spread of dangerous airborne bacteria throughout your facility with the patented system. The fast, continuous VidaShield UV24 air purification system works around the clock to provide your patients and staff with fresh, clean air to breathe.

VidaShield UV24 reduces the levels of bacteria and fungi in treated air and reduces the setting of viable bacteria and fungi from treated air. VidaShield UV24 combines an ultraviolet germicidal irradiation (UVGI) chamber and air circulating fans with an overhead ceiling light to allow for 24/7 operation in occupied spaces. That's Illuminated Thinking.

For more information on how the UV24 system can help improve the air in your Veterinary Facilities, contact Medical Illumination at (800) 831-1222. Visit us online at www.medillum.com.

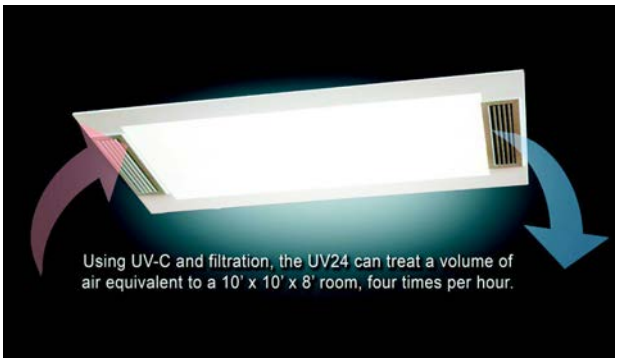
MedicalIllumination

Vidashield Animal Health Brochure (1003374-BR1 REV A)

## EFFECTIVENESS

According to leading indoor air quality expert and author of *Hospital Airborne Infection Control*, Dr. Wladyslaw Kowalski, the modeled inactivation rates of the VidaShield UV24 system would be very high for 3 pathogenic viruses common to canines.

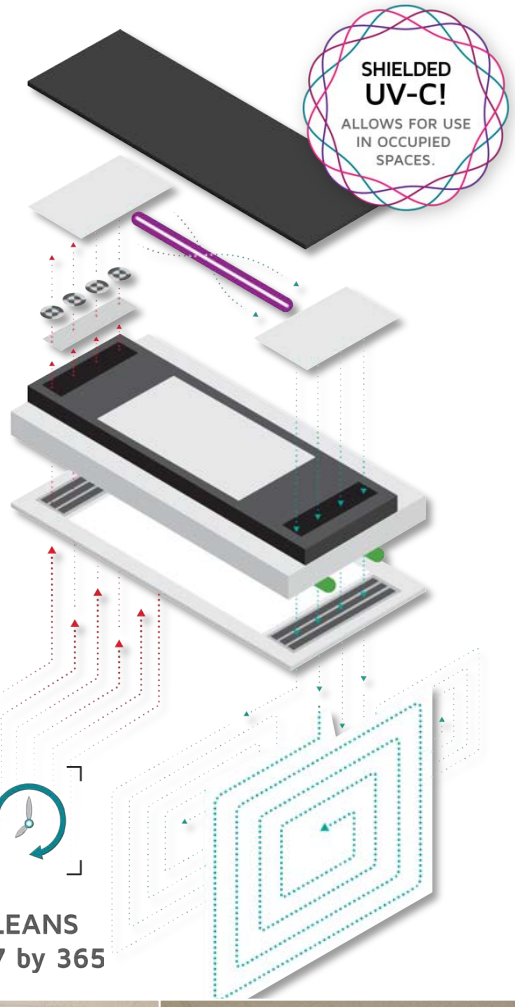
"Based on the UV dose of 198 j/m$^2$ produced by the VidaShield UV24 system, Canine Parvovirus, Canine Influenza and Bordetella Pertussis will be removed in a single pass at rates that approach 100%."[1]




## HOW VIDASHIELD UV24 WORKS

UV-C technology has been used as a disinfection method for decades in the healthcare industry. The UV-C wavelength of 253.7 nanometers has been proven to be effective at neutralizing dangerous microorganisms. The challenge with UV-C technology has always been the method of delivery. It can't be used in occupied spaces and is only effective on direct line of sight areas. Until now!

The patented VidaShield UV24 system uses UV-C and filtration to draw in and treat environmental air. It can treat a volume of air equivalent to a 10' x 10' x 8' room, four times per hour.




## BENEFITS OF VIDASHIELD UV24

REDUCES BACTERIA

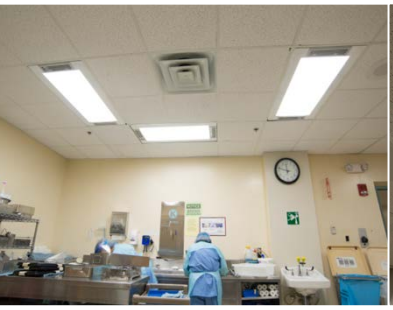
REDUCES ODOR

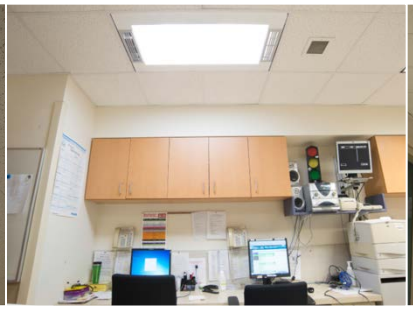
REDUCES SETTLING

MINIMAL MAINTENANCE

SAVES SPACE

CLEANS 24/7 by 365





[1]Estimated inactivation rates in treated air derived from predicted modeling by Dr. Wladyslaw J. Kowalski. Based on modeled UV-C does filter performances and microbe UV susceptibility factors. Predicted Inactivation of Canine Parvovirus, Canine Influenza and *Bordetella pertussis* by the VidaShield

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