

UVDI-360 Room Sanitizer

Proven Efficacy



Advanced Ultraviolet Disinfection *Simplified*

Proven efficacy meeting Healthcare’s highest evidence-based standards and ensuring optimal performance and value from your UV investment.

- Broad spectrum pathogen efficacy is validated by an independent laboratory
- Fast pathogen inactivation times proven at real-world distances
- Peer-reviewed published studies demonstrating improved patient outcomes and efficacy against high-risk pathogens
- Proven, proprietary technology to confirm surface and whole room coverage



Proven Broad Spectrum Efficacy at Real-World Distances

- 99.99% inactivation of over 35 pathogens in 5 minutes at 2.44 meters, including *C. difficile* spores and MRSA
- 99.99% inactivation of SARS-CoV-2 in 5 minutes at 3.65 meters
- The distance of pathogen inactivation claims is indicative of real-world conditions for whole room disinfection

99.99% inactivation in 5 minutes at 2.44 meters 3.65 meters for SARS-CoV-2*			
	≥ 4.0 Log Reduction	≥ 5.0 Log Reduction	≥ 6.0 Log Reduction
Fungi	• <i>Candida auris</i> [†]	• <i>Candida albicans</i>	
Bacterial Spores	• <i>Clostridium difficile</i>		
Viruses	<ul style="list-style-type: none"> • Adenovirus • Hepatitis A Virus • Hepatitis C Virus^{††} • Herpes Simplex Virus 2 • Human Coronavirus • Measles Virus • Respiratory Syncytial Virus • Rhinovirus • Rotavirus • Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) 	<ul style="list-style-type: none"> • Ebola • Enterovirus 68 • Herpes Simplex Virus 1 • Influenza A Virus (H1N1) • Middle East Respiratory Syndrome Coronavirus (MERS-CoV) • Norovirus^{†††} • Poliovirus 	
Bacteria		<ul style="list-style-type: none"> • <i>Acinetobacter baumannii</i> • <i>Bordetella pertussis</i> • <i>Escherichia coli</i> • <i>Escherichia coli</i> (carbapenem-resistant; CRE) • <i>Enterococcus faecium</i> (vancomycin-resistant; VRE) • <i>Listeria monocytogenes</i> • Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) • <i>Mycobacterium bovis</i> (TB surrogate) • <i>Pseudomonas aeruginosa</i> • <i>Salmonella enterica</i> • <i>Staphylococcus aureus</i> • <i>Staphylococcus epidermis</i> (coagulase-negative; CoNS) 	<ul style="list-style-type: none"> • <i>Enterobacter aerogenes</i> • <i>Enterococcus aecalis</i> • <i>Klebsiella pneumoniae</i> • <i>Proteus mirabilis</i> • <i>Serratia marcescens</i>

*Based on independent laboratory testing

[†]Between 3-and-4-log reduction achieved at 20 minutes

^{††}Via bovine viral diarrhea virus surrogate

^{†††}Via feline calicivirus surrogate

Proven Efficacy

Proven in Peer-reviewed Published Clinical Studies

The UVDI-360 Room Sanitizer has been demonstrated to inactivate high-risk pathogens and to help reduce Healthcare-associated Infections in more than 10 peer-reviewed, published, clinical studies.

View and download our complete set of clinical studies at www.uvdi.com/international

Proven Clinical Results | Inactivation of High-Risk Pathogens

"...the **UVDI-360 Room Sanitizer**...was effective in **5-10 minutes** in **eliminating >5-log MRSA and Carbapenam-Resistant Klebsiella Pneumoniae** when the surfaces were in **direct line of sight** and **>4-log** when the surfaces were in **indirect line of sight.**"¹

- William Rutala, MS, MPH, PhD, Director of Hospital Epidemiology, et. al., UNC School of Medicine
Infection Control and Hospital Epidemiology 2016

Proven Results | Improved Patient Outcomes

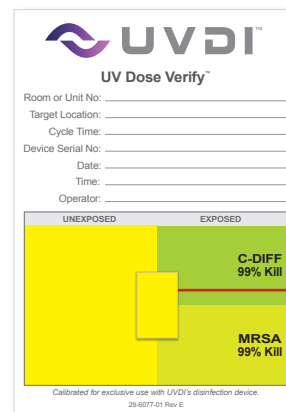
The **UVDI-360 Room Sanitizer** reduced ***C. difficile* infection (CDI)** rates by **25%** and **prevented \$134,568-\$191,604** annual direct medical costs.²

- David Pegues, MD, et. al., Hospital of University of Pennsylvania,
Infection Control and Hospital Epidemiology 2017

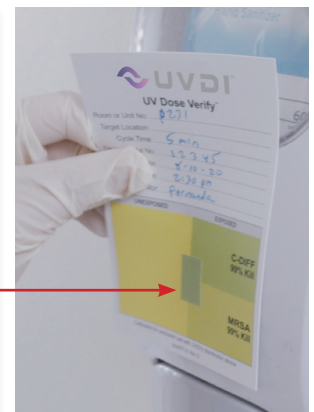
360° Surface Coverage Confirmation

Because UV-C germicidal light is not visible, UVDI developed proprietary verification technology. UV-C Dose Verify™ confirms the necessary germicidal UV-dose has been received on a target surface, whether direct or indirect line of sight to the device. UV Dose Verify™ can also be used to set protocols for new or unorthodox room types.

- It works via a UV-C-sensitive label that changes color when exposed to UV-C energy
- The color change is calibrated to specific germicidal dose levels
- Independent laboratory testing validated color change associated with 2-log (99%) reduction for MRSA and *C. difficile*



Pre-UV Exposure



Post-UV Exposure

¹ Rutala, W.A. et. al. Patient Room Decontamination against Carbapenam- Resistant Enterobacteriaceae and Methicillin-Resistant Staphylococcus aureus Using a Fixed Cycle-Time Ultraviolet-C Device and Two Different Radiation Designs. *Infect. Control Hosp. Epidemiol.* 2016, 1- 3.

² Pegues et. al. Impact of Ultraviolet Germicidal Irradiation for No-Touch Terminal Room Disinfection on Clostridium difficile Infection Incidence Among Hematology-Oncology Patients. *Infect Control Hosp Epidemiol.* 2017;38(1): 39-44.

