

Germicidal UVC Room Unit

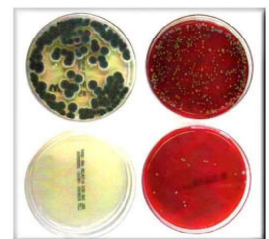
THE STERILASER ROOM UNIT KILLS 99.5% OF ALL HARMFUL BACTERIA, FUNGI AND VIRUSES (INCLUDING COVID-19) IN MINUTES. UNIT PERFECT FOR GYMS, YOGA STUDIOS, LOCKER ROOMS, CLASS ROOMS, HEALTH CARE FACILITIES, LABORATORIES AND MORE.



FASTEST/MOST EFFECTIVE WAY TO COMBAT PATHOGENS!

How Does UV Work?

Germicidal Ultraviolet light is absorbed by the DNA of microorganisms, causing changes in their structure, rendering the microorganisms incapable of replicating. A cell that can't reproduce is considered dead; since it is unable to multiply to infectious numbers within a host.



Remote Activation allows safe early room entrance



FEATURES

Customer Set Timer delivers exact required treatment



Do Not Enter Sign included with every room unit



STERILASER™

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DETERMINING TREATMENT TIME

The STERILASER™ Room Unit may be used in UNOCCUPIED AREAS ONLY. Under no circumstances should this unit be permitted to operate with humans, plants or animals present in the Operation Area. Consult our UV Application Specialists if you have any questions or need help with the STERILASER™ Room Unit.

1. The STERILASER™ Room Unit should be located in the approximate center of the room and target surfaces must be directly exposed to the ultraviolet rays. It is important to remove items from direct line of sight that would block or shield UV rays from striking target surfaces. Depending on the configuration of the space, and what specific disinfection you are looking to achieve, it may be advisable to operate the STERILASER™ Room Unit on each side of large fixed objects (like a bed, or table, etc.).

1. Measure the longest distance from the STERILASER™ Room Unit to the farthest object to be disinfected. Use this length to compare to the distance from Fixtures / Time shown on **Figure 1** below. Note these are SECONDS.

Figure1 – Treatment Time and UV Dosage Based on Distance from Fixture – STERILASER™

Distant to target		5'	10'	15'	20'
STERILASER™ Output (mj/cm2)		250	130	55	40
Bacteria	mj/cm2 to Deactivate	Seconds to Deactivate			
Agrobacterium lumefaciens	8,500	34	65	155	213
Bacillus anthracis (anthrax veg.)	8,700	35	67	158	218
Bacillus anthracis Spores (anthrax spores)	46,200	185	355	840	1,155
Bacillus megatherium Sp. (spores)	5,200	21	40	95	130
Bacillus megatherium Sp. (veg)	2,500	10	19	45	63
Bacillus paratyphosus	6,100	24	47	111	153
Bacillus subtilis	11,000	44	85	200	275
Bacillus subtilis Spores	22,000	88	169	400	550
Clostridium botulinum	11,200	45	86	204	280
Clostridium tetani	23,100	92	178	420	578
Corynebacterium diphtheriae	6,500	26	50	118	163
Dysentery bacilli	4,200	17	32	76	105
Eberthella typhosa	4,100	16	32	75	103
Escherichia coli	6,600	26	51	120	165
Legionella bozemanii	3,500	14	27	64	88
Legionella dumoffi II	5,500	22	42	100	138
Legionella gormanii	4,900	20	38	89	123
Legionella longbeachae	2,900	12	22	53	73
Legionella micdadei	3,100	12	24	56	78
Legionella pneumophila (Legionnaire's Disease)	12,300	49	95	224	308
Leptospira canicola-Infectious Jaundice	6,000	24	46	109	150
Leptospira interrogans	6,000	24	46	109	150
Micrococcus candidus	12,300	49	95	224	308
Micrococcus sphaeroides	15,400	62	118	280	385
Mycobacterium tuberculosis	10,000	40	77	182	250
Neisseria catarrhalis	8,500	34	65	155	213
Phytomonas tumefaciens	8,500	34	65	155	213
Proteus vulgaris	6,600	26	51	120	165
Pseudomonas aeruginosa (Environ.Strain)	10,500	42	81	191	263
Pseudomonas aeruginosa (Lab. Strain)	3,900	16	30	71	98
Pseudomonas fluorescens	6,600	26	51	120	165
Staphylococcus aureus (MRSA)	6,600	26	51	120	165
Staphylococcus albus	5,720	23	44	104	143
Staphylococcus epidermidis	5,800	23	45	105	145
Streptococcus hemolyticus	5,500	22	42	100	138
Streptococcus lactis	8,800	35	68	160	220
Streptococcus pyrogenes	4,200	17	32	76	105
Streptococcus salivarius	4,200	17	32	76	105
Streptococcus viridans	3,800	15	29	69	95

Distant to target		5'	10'	15'	20'
STERILASER™ Output (mj/cm2)		250	130	55	40
Virus	mj/cm2 to Deactivate	Seconds to Deactivate			
Adeno Virus Type III	4,500	18	35	82	113
Bacteriophage	6,600	26	51	120	165
COVID-19	6,160	25	47	112	154
Coxsackie	6,300	25	48	115	158
Infectious Hepatitis	8,000	32	62	145	200
Influenza	6,600	26	51	120	165
Rhodospirillum rubrum	6,200	25	48	113	155
Rotavirus	24,000	96	185	436	600
Salmonella	10,500	42	81	191	263
Salmonella enteritidis	7,600	30	58	138	190
Salmonella paratyphi (Enteric Fever)	6,100	24	47	111	153
Salmonella Species	15,200	61	117	276	380
Salmonella typhi (Typhoid Fever)	7,000	28	54	127	175
Salmonella typhimurium	15,200	61	117	276	380
Sarcina lutea	26,400	106	203	480	660
Serratia marcescens	6,160	25	47	112	154
Shigella dysenteriae - Dysentery	4,200	17	32	76	105
Shigella flexneri - Dysentery	3,400	14	26	62	85
Shigella paradysenteriae	3,400	14	26	62	85
Shigella sonnei	7,000	28	54	127	175
Spirillum rubrum	6,160	25	47	112	154