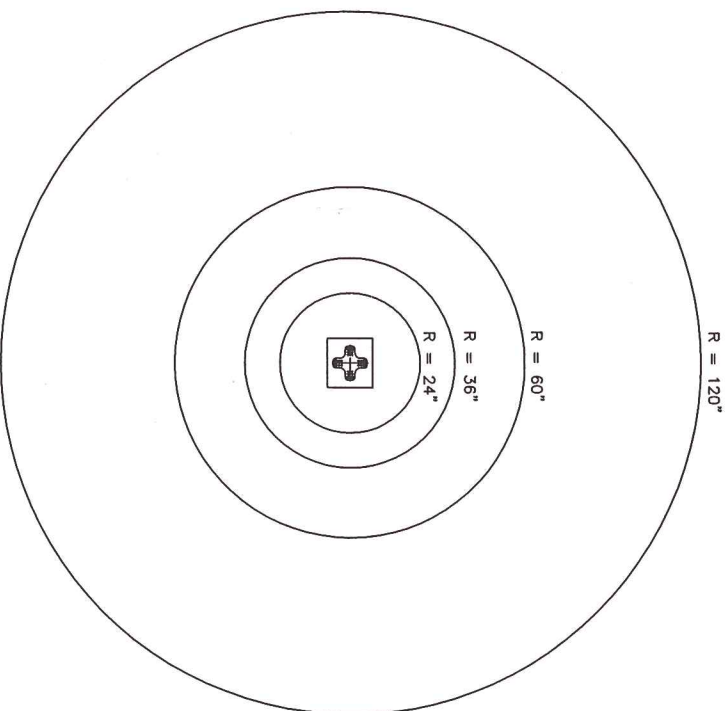


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Incident energies of germicidal ultraviolet radiation at 253.7 nanometers necessary to inhibit colony formation in organisms (90%) and for 3-log (99.9%) reduction.

MOLD SPORES	COLOR	90% KILL	99.9% KILL	ORGANISM (CONT.)	90% KILL	99.9% KILL
Aspergillus flavus	Yellowish green	60,000	99,000	Salmonella paratyphi-enteric fever	3,200	6,100
Aspergillus glaucus	Bluish green	44,000	88,000	Salmonella typhosa-typhoid fever	2,150	4,100
Aspergillus niger	Black	132,000	330,000	Salmonella typhimurium	8,000	15,200
Mucor racemosus A	White gray	17,000	352,000	Sarcina lutea	19,700	4,200
Mucor racemosus B	White gray	17,000	352,000	Serratia marcescens	2,420	3,400
Oospora lactis	White	5,000	11,000	Shigella dysenteriae-Dysentery	2,200	4,200
Penicillium expansum	Olive	3,000	22,000	Shigella flexneri-Dysentery	1,700	3,400
Penicillium roqueforti	Green	13,000	26,400	Shigella paradyserenteriae	1,680	3,400
Penicillium digitatum	Olive	44,000	88,000	Spirillum rubrum	4,400	6,160
Rhizopus nigricans	Black	111,000	220,000	Staphylococcus albus	1,840	5,720
		90% KILL	99.9% KILL	Staphylococcus aureus	2,600	6,600
Bacillus anthracis		4,520	8,700	Streptococcus hemolyticus	2,160	5,500
Bacillus magisterium sp. (spores)		2,730	5,200	Streptococcus lactis	6,150	8,800
Bacillus magisterium sp. (veg.)		1,300	2,500	Streptococcus viridans	2,000	3,800
Bacillus paratyphus		3,200	6,100	Vibrio comma-Cholera	3,375	6,500
Bacillus subtilis spores		11,600	22,000	PROTOZOA	90% KILL	99.9% KILL
Bacillus subtilis		5,800	11,000	Chlorella vulgaris(Algae)	13,000	22,000
Clostridium tetani		13,000	22,000	Nematode eggs	4,000	92,000
Corynebacterium diphtheriae		3,370	6,500	Paramecium	11,000	20,000
Eberthella typosa		2,140	4,100	VIRUS	90% KILL	99.9% KILL
Escherichia coli		3,000	6,600	Bacteriophage (E.Coli)	2,600	6,600
Leptospira Caricoh-infections laundice		3,150	6,000	Infectious Hepatitis	5,800	8,000
Micrococcus caridicus		6,050	12,300	Influenza	3,400	6,600
Micrococcus spheroides		1,000	15,400	Poliovirus-Poliomyelitis	3,150	6,000
Mycobacterium tuberculosis		6,200	10,000	Tobacco mosaic	240,000	440,000
Nelisseria catarrhalis		4,400	8,500	YEAST	90% KILL	99.9% KILL
Phomaoma tumeficiens		4,000	10,000	Brewers yeast	3,300	6,600
Protus vulgaris		3,000	6,600	Common yeast cake	6,000	13,200
Pseudomonas aeruginosa		5,500	10,500	Saccharomyces cerevisiae	6,000	13,200
Pseudomonas fluorescens		3,500	6,600	Saccharomyces ellipsoideus	6,000	13,200
Salmonella enteritidis		4,000	7,600	Saccharomyces sp.	8,000	17,600



Time	24"	36"	60"	120"
1 min.	33,552	17,568	6,509	1,656
15 min.	503,280	263,520	97,632	24,840
30 min.	1,006,560	527,040	195,264	49,680
45 min.	1,509,840	790,560	292,896	74,520
1 hour	2,013,120	1,054,080	390,528	99,360
6 hours	12,078,720	6,324,480	2,343,168	596,160
12 hours	24,157,440	12,648,960	4,686,336	1,192,320

AMERICAN ULTRAVIOLET COMPANY
 212 SOUTH W. ZION RD. LEANING MO. 46032

Model: UVS
 Date: 10/29/08
 Discard at distance per time for mobile room sterilizer

Product: AMU-2575