![EvergreenUV Environmental Disinfection logo]

UV-C Pathogen Kill rates PER AIR PASS

Data aquired from collaboration with the Center od Disease Control (CDC), International UV Association (IUVA) and Philips and compiled by EvergreenUV UV-C subject matter experts.

Common Name	Pathogenic name	Known, Published UVC value for pathogen reduction		FILTER EFFICIENCY		UVC-only Pathogen reduction	Pathogen reduction UVC + filtration
		UVGI K m²/J	µw/cm²	MERV 8	MERV 10	URV 13 2000µJ/cm²	MERV 13 + URV 13
Pneumonia	Pseudomonus aeruginosa	0.5721	0.005721	14	15	99.99	99.99
TB / Tuberculosis	Mycobacterium tuberculosis	0.4721	0.004721	19	21	99.99	99.99
Corona Virus	COVID-19	0.3770	0.00377	18	20	99.99	99.997
Legionella	Legionella pneumophila	0.1930	0.0019298	15	16	99	99.79
Acinetobactor	Acinetobacter baumannii	0.1280	0.00128	42	44	97	99.79
Flu	Influenza A & B	0.1190	0.00119	30	31	96	99.47
Staph / MRSA	Staphylococcus aureus	0.1130	0.00113	28	30	95	99
Avian Flu	Avian Influenza Virus	0.1060	0.00106	12	13	94	97
Measles	Measles	0.1051	0.001051	10	9	94	97
Chicken Pox	Varicella Zoster	0.105	0.00105	10	9	94	97
Strep	Streptococcus pyogenes	0.8110	0.00811	29	31	92	99