

ROKX.TECH

Effectivity UVC - main unit

Temperature	Kolom2	Dose J/m2		2	3
	0	0,1	43,8615		
	5	0,3	131,5845		
	10	0,45	197,37675		
	20	0,75	328,96125		
D.R. = disinfection rate % (LOG scale)					
Micro-Organism	D90% J/m2	D.R. 0 Celcius	D.R. 5 Celcius	D.R. 10 Celcius	D.R. 20 Celcius
Influenza A virus	19,3	99	99,9999	99,9999	99,9999
Vesicular stomatis virus	12,7	99,9	99,9999	99,9999	99,9999
Coronavirus	6,1	99,9999	99,9999	99,9999	99,9999
Mycoplasma pneumoniae	8,2	99,999	99,9999	99,9999	99,9999
Neisseria catarrhalis/meningitidis	44	< 90	99	99,99	99,9999
Francisella Tularensis	156	< 90	< 90	90	99
Newcastle disease	16	99	4	99,9999	99,9999
Coxiella burnetii	15	99	99,9999	99,9999	99,9999
Haemophilus influenza	38,4	90	99,9	99,999	99,9999
Proteus vulgaris/mirabilis	30	90	99,99	99,9999	99,9999
Vaccinia virus	15	99	99,9999	99,9999	99,9999
Measle virus	21,9	99	99,9999	99,9999	99,9999
Pseudomonas aeruginosa	22	90	99,999	99,9999	99,9999
E. Coli	14,7	99	99,9999	99,9999	99,9999
Legionella pneumophila	5,2	99,9999	99,9999	99,9999	99,9999

Based on formula : W.J. Kowalski 2001