



BACKED BY SCIENCE

A UVc device is effective if your dose is strong enough.

The National Institutes of Health (NIH) published a paper on killing influenza virus in an aerosol form* with a reduction in viral loads to around 98%. This was achieved by a field strength of *15 Joules per square meter*, and that is equivalent to an exposure of 1.5 milliJoules per square centimeter.

If GEIGER UVc shows a dose of 3 milliJoules, then the kill strength of the underlying product being tested was higher than the UVc source in the study NIH study. In other words, 3 milliJoules > 1.5 milliJoules, and 1.5 milliJoules was shown to produce influenza reduction levels as low as 98.2%.

SOURCE

From Safety and Effectiveness of UVc Emitting Devices in Germicidal and Anti-Viral Applications: A White Paper” by James Wiebe, CEO, Thin Air Energy, August 17, 2020

*<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3298127/>