



SmartAir Pro EPA Filter Testing

Summary Report from Smart UV.



Smart UV's SmartAir Pro UV-C Air Filtration System Successfully Showed the Effectiveness of its EPA Filter In A Scientifically-Controlled & Independent Testing Facility

Purpose

This experiment tested the effectiveness of The SmartAir Pro UV-C Air Filtration System's EPA filter within a scientifically-controlled & independent testing facility.

Result

The SmartUV Mini UVC Disinfection Lamp's photon-based purification technology was able to reduce the concentration of Human CoronaVirus OC43 by the percentages below listed on the following page.



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Types of Particles (µm)	Particle Size (µm)	Fractional Efficiency (%)
HC Virus	0.1 - 0.2	99.636%
Tobacco Smoke	0.2 - 0.3	99.672%
Dust Mites	0.2 - 0.3	99.812%
Wild Fire Smoke	0.5 - 0.7	99.923%
Fine Dust	0.7 - 1.0	99.967%
Infectious Respiratory Droplets	1.0 - 2.0	99.971%
Bacterium, Mold Spores	2.0 - 3.0	99.978%
Pollen	3.0 - 5.0	99.989%

