

**UVAIRx Phase One Comparative/Competitive Product Analysis- Ion and Fungal Tests
Dr. Claude Selitrennikoff, PhD CU Medical Center and Jerrod Keith, 12-20-19**

It is apparent that the PCO/PECO units (UVAIRx units and Unit M) show greater efficacy in killing fungal spores than that of the Electrically Generated units (Unit A and Unit S). The UVAIRx STRD also exhibits significantly less ozone production than any other unit tested and exhibited a reduction in ozone in the Gamma test. Unit M had kill percentages of 0, 19 and 8 for tests alpha, beta and gamma, respectively. Unit S had kill percentages of 10, 0 and 3, respectively, while Unit A had kill percentages of 16, 0 and 0. Importantly and in sharp contrast, all UVAIRx units tested present kill percentages greater than 12% in each of the three independent tests.

Summary of Unit Kill Percent Analysis			
	Average Kill % Per Unit Per Test		
Unit Tested	Alpha	Beta	Gamma
Unit M	0%	19%	8%
Unit S (Manual Setting)	0%	-	-
Unit S (Auto Setting)	10%	0%	3%
Unit A	16%	0%	0%
UVAIRx Ux105 STRD (782)	-	-	18%
UVAIRx Ux105 STRD (783)	26%	12%	29%
UVAIRx Ux105 PLUS	-	30%	19%