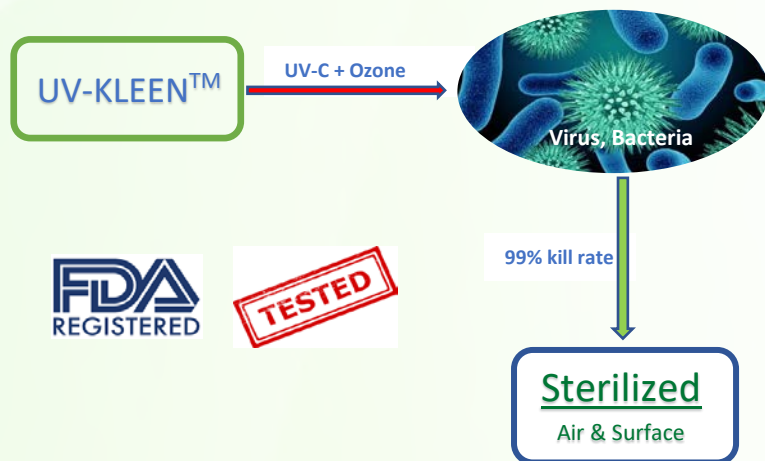


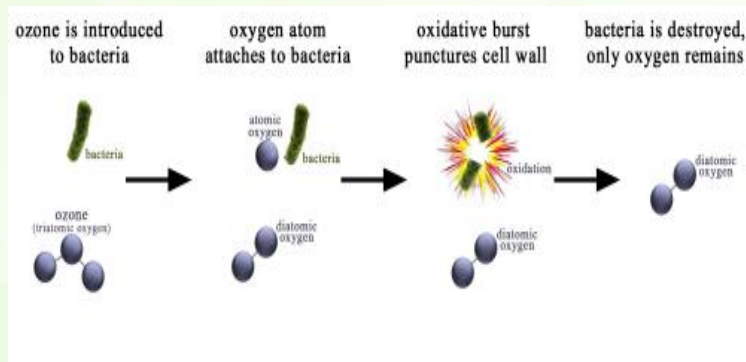
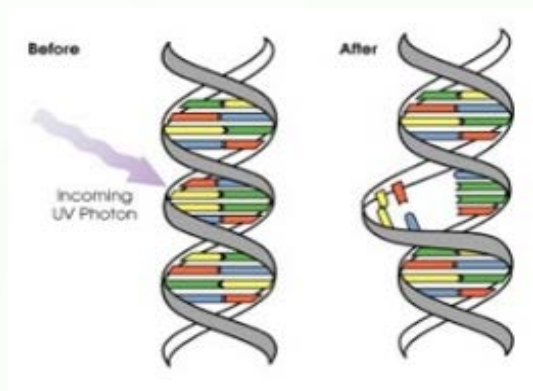
## UV-Kleen™ Technology



UV-Kleen™ is a US-designed, patented, FDA registered product, the ONLY product currently proven to kill coronavirus at 99.99% by Washington University School of Medicine, USA. UV-Kleen™ Systems utilize Induction based UV-C generation in addition to controllable Ozone generation. UV and Ozone can be individually operated per customer requirements. Researchers report that Ozone is needed to spread the

UV farther in to areas and is also necessary to reach hidden spots for disinfectant purposes.

UV-Kleen™ systems work on two proven advanced technologies: Photolysis and Oxidation. Photolysis is a process in which the UV-C light breaks the molecular bonds and rearranges them so the pathogens will not live any further. UV-Kleen™ uses proven 253.7nm germicidal UV-C at higher irradiation energies to kill the pathogens at a much faster rate, up to 99%.



Oxidation is a process in which Ozone rips the electrons in the pathogens and breaks their cellular walls so the pathogens will not live any further. UV-Kleen™ generates controlled Ozone using advanced arc technologies that can be specifically tuned for your custom application.

Model	Irradiation (mW/cm <sup>2</sup> )	
	2 inch	3.3 ft
300w	44	1.35
40w	24	0.2

With the Photolysis and Oxidation process, UV-Kleen™ can kill pathogens including coronavirus up to 99.99% in under 10 seconds. With its powerful UV output, UV-Kleen™ only needs a very short amount of time to disinfect the area; thus polymers (plastic and cloth material in the room) are NOT exposed to UV light for longer periods than necessary. Competitor's UV-C products require much longer run times for disinfection which reduces the quality and life of polymers present in the room due to over-exposure.

With its 100,000 hours of long life, excellent durability, zero maintenance, patented ballast technologies; UV-Kleen™ can give the customer peace of mind concerning maintenance and return on investment. Another advantage of UV-Kleen™ is that the solution is designed, tested and made in the USA. UV-Kleen™ is sold in the USA, Japan, China, Thailand, Taiwan, India, and Philippines.