



UV-Kleen™ PRK series Application Guide

UV-Kleen™ UV and Ozone systems can be installed in a wide variety of applications, ranging from a small room to a large stadium structure. The kill rate on the pathogens depends on the proximity of the UV-Kleen™ system to the area to be disinfected. The UV-C irradiation follows the inverse-square law which means the disinfectant times are inversely proportional to the square of the distance from the lamp source. The following tables illustrate the average time needed to disinfectant the rooms of various sizes.

Office rooms, conference rooms, hallways, etc

Lamp	Room Area - sq ft	Sterilization Time
UVK- 250W Ozone	up to 144	3 min
	144-324	4 min
	324-400	5 min
	400-500	7 min
UVK- 300W Ozone	up to 144	2 min
	144-324	3 min
	324-400	4 min
	400-500	6 min

Larger rooms, restaurants, cafeteria, schools etc

Lamp	Room Area - sq ft	Sterilization Time
UVK- 250W Ozone	500-800	15 min
	800-1000	20 min
	1000-1600	30 min
UVK- 300W Ozone	500-1000	15 min
	1000-1600	20 min
	1600-2100	30 min

EP can provide service to their customers in specifying the time of operation and the installation instructions. Please consult one of our sales associates for application assistance.