

Comparison of Disinfection Methods

Every facility has different needs and expectations. Between UV disinfection, electrostatic sprayers, and Breezy Blue Foggers, each disinfection method has its own benefits.

Use this quick guide to choose the right disinfection method for your facility.

FEATURE	UV	Electrostatic Sprayer	Breezy Blue Fogger
Time to treat 5000 ft³ room	30 minutes	5 minutes	1 minute
Time unoccupied after treatment	No dwell time	10-minute dwell time	10-minute dwell time
Coverage	Line-of-sight surfaces only	Surfaces, fabrics, hard-to-reach places	Surfaces, fabrics, hard-to-reach places
List price per unit	\$30,000-\$100,000	\$1,000-\$6,500	\$2,490
Estimated chemical cost per 5000 ft³ room	\$0	\$0.50-\$1.00	\$1.50
Residue	None	Yes	None
Device usability	Complex to set up and use	Some training; requires PPE	Little training, simple to use
Remote or scheduled operation available	Sometimes	No	Yes
Monitoring and reporting available	Sometimes	No	Yes
Anticipated in-service life	~3 years	~1-3 years	~5 years
Maintenance	Low	Considerable	Low
Pathogen elimination	Up to 99.99%	Up to 99.9999%	Up to 99.99999%*
Deodorization	No	Sometimes	Yes

*Breezy BioCare RTU is a broad-spectrum EPA certified disinfectant that removes >99.9% of bacteria, viruses, and fungi. Log kill may be increased for certain pathogens or by increasing the fog duration. For example, Breezy BioCare RTU is 99.9999% against MRSA in 3rd party lab testing. More information is available upon request from BWR.

