

Ultravation®

BIOGARDUV™

FS-Series Upper Room Air Disinfection System with Integrated Fan and Ionizer Commercial and Institutional Applications

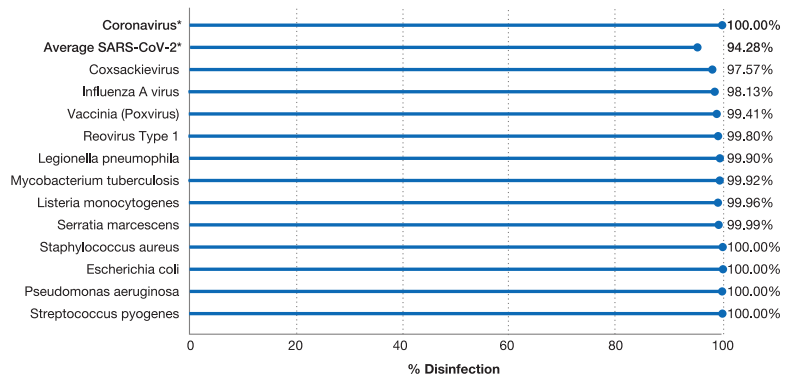


- Wall mount and bi-directional ceiling mount models
- 22- and 33-inch UV lamp models
- Bi-polar ionization breaks down odors and airborne toxins, augments disinfection and reduces micro particulates
- Quiet 67cfm fan (30 db)
- 9,000 hour UV lamp life
- Energy efficient
- Galvanized steel construction
- Rugged powder-coat finish

Safe and effective ultraviolet air disinfection for occupied spaces

Ultravation® BioGardUV™ germicidal ultraviolet air disinfection destroys airborne pathogens by generating a controlled region of germicidal UV-C light in the upper regions of a room. Pathogens are drawn through the UV lamp chamber exposing them to high intensity germicidal UV light and then released into the upper air of the room where they are exposed to additional focused UV light. The UV light disinfection field is restricted to the upper area of the room (must be installed at least seven feet from the floor).

UV effectiveness against various microbes



UV air disinfection is recognized and endorsed by ASHRAE* as effective for the reduction of airborne microbes.



**FS-33F Wall mount
FS-33F-CR Ceiling mount**
37 5/8" wide



**FS-22F Wall mount
FS-22F-CR Ceiling mount**
26 1/8" wide



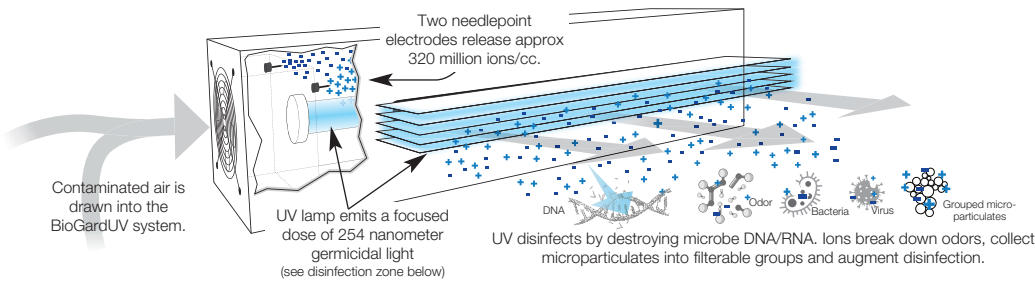
Bi-directional / Ceiling Mount

Important: The 7-foot minimum installation height requirement must be observed to assure the safety of the occupants.

*The American Society of Heating, Refrigerating and Air-Conditioning Engineers

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BioGardUV™ Air Flow and Ion Release System

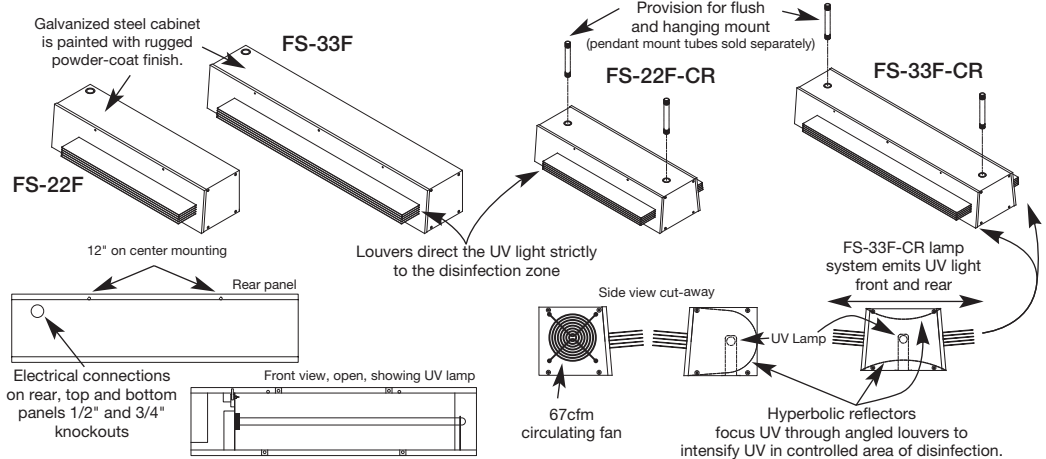
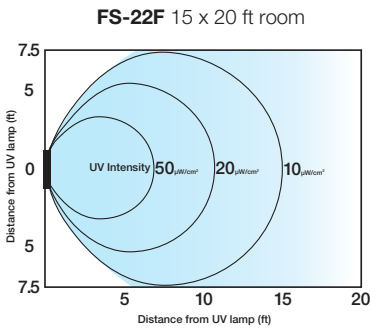


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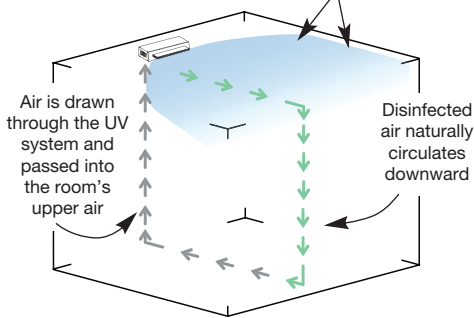
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FS-Series Upper Room Air Disinfection System with Integrated Fan and Ionizer
Commercial and Institutional Applications

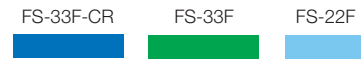
BioGardUV™ Upper Air Irradiance



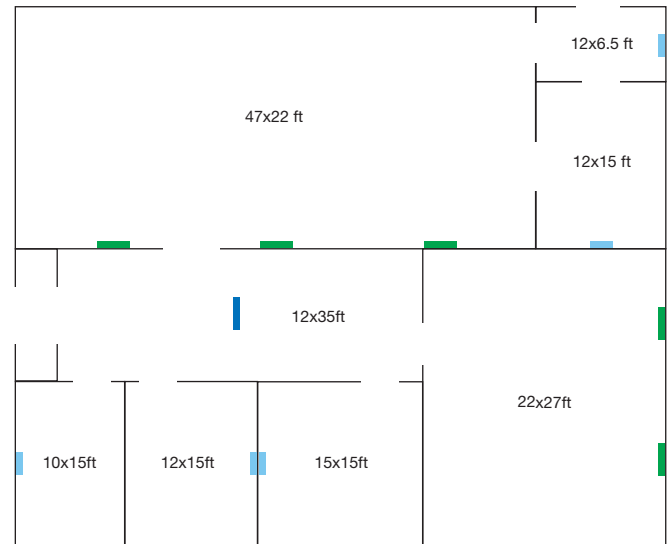
BioGardUV™ Air circulation through disinfection zone



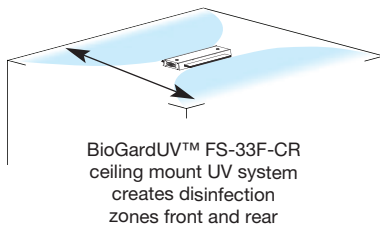
Typical placement for various models



Contact Ultravation for information and advice on the number of units required based on room size, and for placement suggestions.



BioGardUV™ Ceiling Mount for extended coverage



Specifications

Model	Coverage sq. ft.	Total UV-C output	UV lamp wavelength	UV lamp life	Power consumption	Width	Height	Depth
BioGardUV™ FS-22F	225 (15'x15')	10w	254nm	9,000 hrs	36.5VA	26.1"	6.1"	9.2"
						66.29cm	15.49cm	23.37cm
BioGardUV™ FS-33F	350 (16'x22')	16w	254nm	9,000 hrs	44.5VA	37.7"	6.1"	9.2"
						95.76cm	15.49cm	23.37cm
BioGardUV™ FS-22F-CR	450 (15'x30')	10w	254nm	9,000 hrs	36.5VA	26.1"	6.1"	13.5"
						66.29cm	15.49cm	34.29cm
BioGardUV™ FS-33F-CR	700 (16'x44')	16w	254nm	9,000 hrs	44.5VA	37.7"	6.1"	13.5"
						95.76cm	15.49cm	34.29cm

Power: All models auto-sensing 120-277 VAC, 50/60 hz.

Important: When installed, bottom of fixture must be at least 7 feet above the floor.



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Member:



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