

Ultravation®

BIOGARDUV™

**Upper Level Convection
Germicidal UV Room Air Purifier**
Commercial and Institutional Applications



Three Models:



FS-22 wall mount 23 7/16" wide



FS-33 wall mount 35 1/8" wide



FS-233-CR front-rear bi-directional ceiling mount 35 1/8" wide

Safe and effective ultraviolet air disinfection for occupied spaces

Ultravation® BioGardUV™ germicidal ultraviolet air disinfection destroys airborne pathogens by exposing the upper regions of the room to germicidal UV light. Since air naturally circulates in a room due to convection, air that is warmed in the lower part of a room (from respiration and other sources) continually rises where it will be exposed to UV light, which kills airborne bacteria and viruses in seconds. Since the UV light field is restricted to areas above seven feet, the room is safe for occupancy while the air is continuously disinfected.

BioGardUV™ is completely quiet and is energy efficient, using no more power than a fluorescent lamp and uses no fans or blower.

Two wall-mount models are available plus a ceiling mount model that installs flush-to-ceiling or with optional pendants. The ceiling mount model creates two disinfection zones, front and rear.

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

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

Member:



EPA establishment number: 074725-VT-001

Ultravation®

Better Air | Better Water | Better Living™

ultravation.com

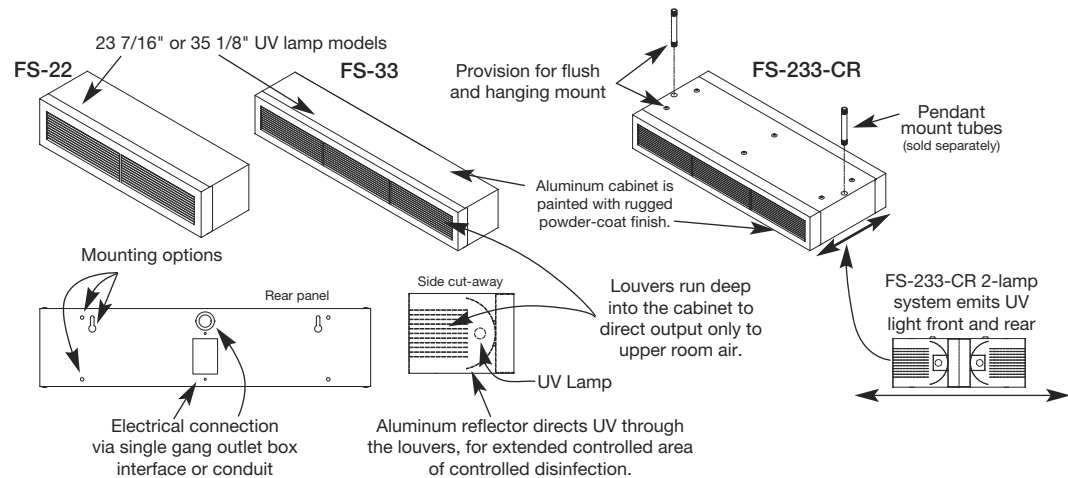
Features:

- Focused 254nm germicidal UV wavelength
- 9,000 hour UV lamp life
- Silent operation
- Energy efficient
- Aluminum construction
- Powder coat finish
- Safety interlock switch
- Hinged access door
- No tools required for UV lamp changes

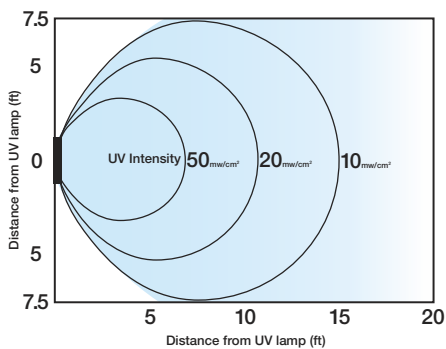
Ultravation® BIOGARDUV™

Upper Level Convection Germicidal UV Room Air Purifier

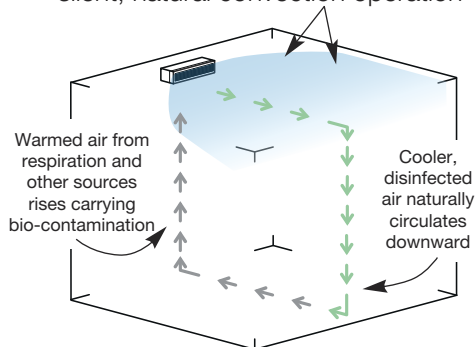
Commercial and Institutional Applications



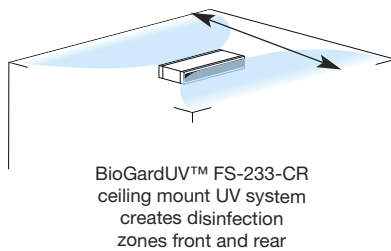
BioGard™ FS-22
upper air irradiance
15 x 20 ft room



BioGard™
silent, natural convection operation



BioGard™
Coverage for large spaces



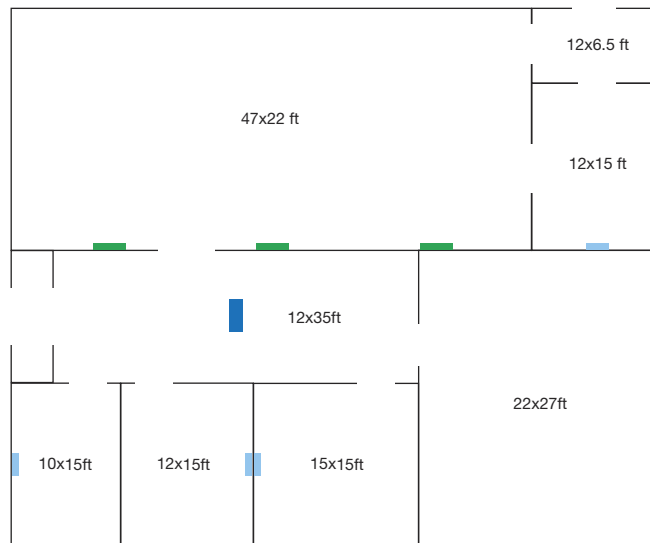
Specifications

Model	Coverage sq. ft.	Total UV-C output	UV lamp wavelength	UV lamp life	Power consumption	Width	Height	Depth
BioGardUV™ FS-22	225 (15'x15')	10w	254nm	9,000 hrs	25VA	23 7/16"	5 1/2"	7 1/4"
						59.53cm	13.97cm	18.42cm
BioGardUV™ FS-33	350 (16'x22')	16w	254nm	9,000 hrs	36VA	35 1/8"	5 1/2"	7 1/4"
						89.22cm	13.97cm	18.42cm
BioGardUV™ FS-233-CR	750 (16'x44')	32w	254nm	9,000 hrs	72VA	35 1/8"	5 1/2"	15 1/16"
						89.22cm	13.97cm	38.26cm

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.

Typical placement for various models



Ultravation, Inc. P.O. Box 165, Poultney, Vermont USA 05764

Toll Free 866-468-8247 FAX 802-247-0033 sales@ultravation.com

Form FS071520 ISVT12718 • Copyright © 2020 Ultravation, Inc.

Ultravation®

Better Air | Better Water | Better Living™

ultravation.com