

Ultravation®

BIOGARDUV™

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



Three Models:



FS-22 wall mount 23 7/16" wide
features one 22" lamp



FS-33 wall mount 35 1/8" wide
features one 33" lamp



FS-233-CR ceiling mount 35 1/8"
wide features two 33" lamps

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. Air naturally circulates in a room though natural convection, therefore as warmed air in the lower part of a room continually rises 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 system is designed to continuously disinfect the air yet the room is safe for occupancy at all times.

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

Available for wall mount with 22 inch or 33 inch UV lamps and a 2-lamp center room ceiling flush or (optional) pendent mount that creates twin disinfection zones front and rear.

Contact Ultravation for 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™

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Ultravation® BIOGARDUV™

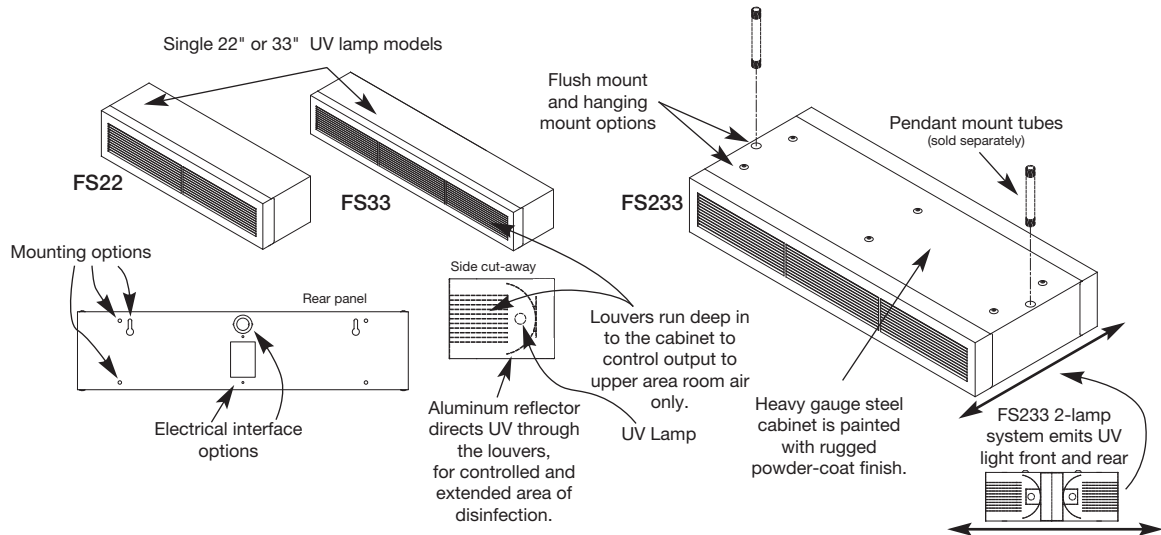
Upper Level Convection Germicidal UV Room Air Purifier Commercial and Institutional Applications

Features:

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

Recommended for:

- Public gathering areas
- Educational facilities
- Libraries
- Courtrooms
- Hospitals
- Airports
- Physicians' facilities
- Veterinarians' facilities
- Kennels
- Restaurants
- Cocktail lounges
- Nursing homes
- Rest rooms
- Kitchens
- Food processing facilities
- Office environments
- Conference rooms
- Prison facilities
- Pharmaceutical manufacturing
- Electronics manufacturing
- Clean rooms

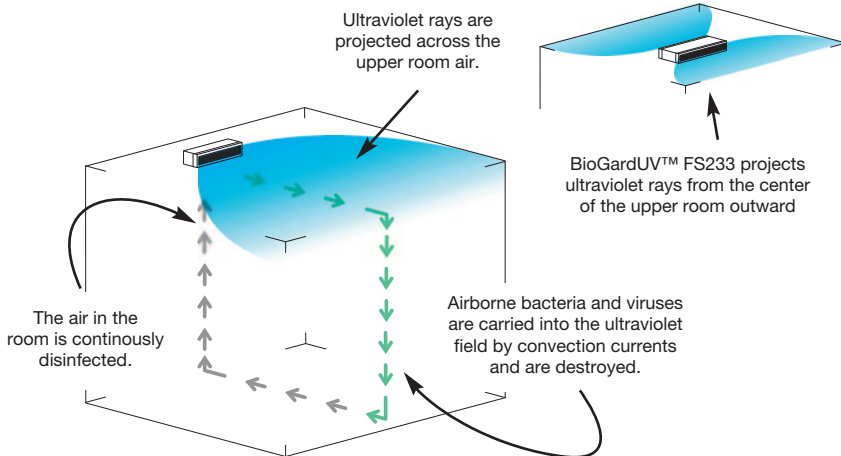


Specifications

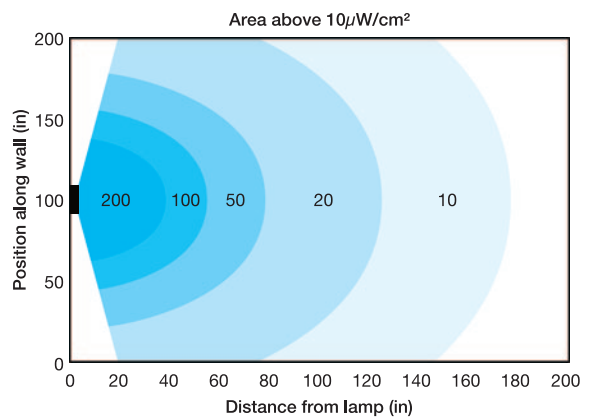
Model	UV UV Lamp	Wavelength	Power Consumption	Width	Height	Depth	Length	UV lamp Life
BioGardUV™ FS-22	AS-IH-1015	254nm	32W	23 7/16"	5 1/2"	7 1/4"	22"	9,000 hrs
				59.53cm	13.97cm	18.42cm	55.88cm	
BioGardUV™ FS-33	AS-IH-0614	254nm	32W	35 1/8"	5 1/2"	7 1/4"	33"	9,000 hrs
				89.22cm	13.97cm	18.42cm	83.82cm	
BioGardUV™ FS-233-CR	AS-IH-0614 (2)	254nm	32W	35 1/8"	5 1/2"	15 1/16"	33"	9,000 hrs
				89.22cm	13.97cm	38.26cm	83.82cm	

120 volts 50/60 Hz and 220-230 volts 50/60 Hz fixtures are available – specify when ordering.

Bottom of fixture must be at least 7 feet above the floor.



Upper Air Irradiance (top down)



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