

Ultraviolet Room Air Sanitizers

Product Overview

- Blower capacity 54 to 2000 CFM
- Max treatment 3240 - 120,000 cubic feet per hour
- Destroys harmful bacteria, mold and viruses in the air
- For occupied areas, in many configurations to adapt to any setting
- Units may be mounted into a drop ceiling, on a wall or are available for portable use
- Washable Electrostatic, Absolute H.E.P.A. Type or disposable particulate filters available

Features

Germicidal Lamps provide the utmost in quality, sustained high output and long life. **Lampholders** are spring loaded telescopic type that facilitate convenient, easy lamp change that is quick and hassle-free.

Interlock Safety Switch The interlock safety switch is a standard feature that disconnects power to the unit when the access panel is removed for lamp or filter replacement.

Polished Reflector Interior chamber is polished providing a highly reflective surface to maximize ultraviolet intensity within the chamber.

Standard Wall Mount Kit Consists of (2) pre-drilled stainless steel brackets. Brackets enable unit to be mounted to wall in either the vertical or horizontal position.

Louvered Exhaust Panel Protects the room's occupants from ultraviolet exposure by restricting ultraviolet radiation from passing into the room.

Observation Port(s) A visible glow through the clear sight glass provides positive indication of germicidal lamp operation.

Stainless Steel Construction The chamber is Type 304 stainless steel for an attractive finish, unparalleled strength and durability.

Particulate Filter Washable Electrostatic Filter.



PRODUCT

Ultraviolet Room Air Sanitizers

Blaze Technology Pte Ltd

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PAGE(S)

1/3

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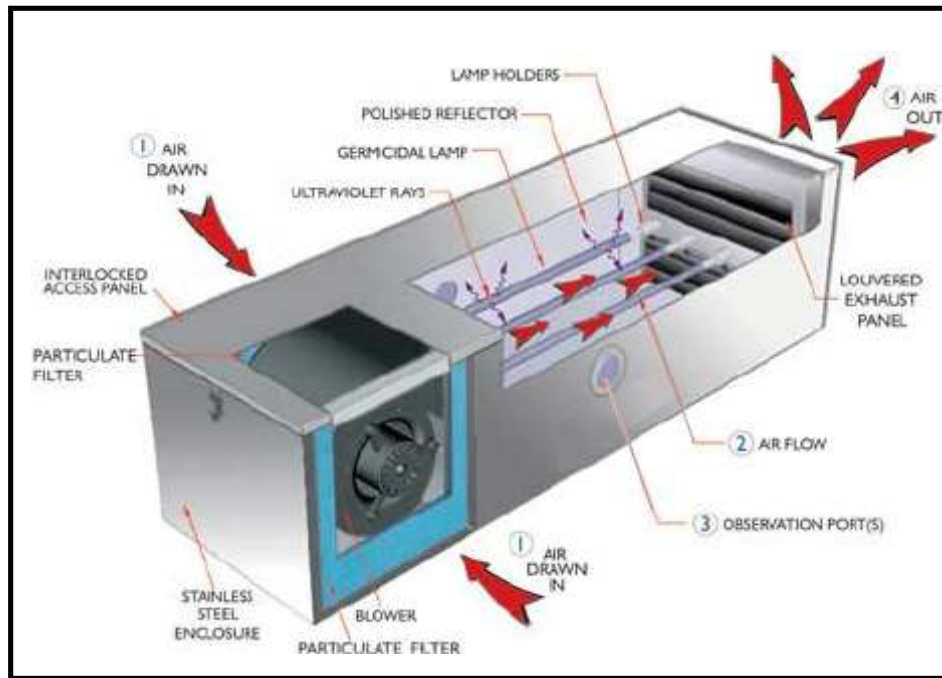


Fig. 1

Principal of Operation

- (1) Fig. 1 Air is drawn into unit through washable electrostatic particulate filters (except Model 250128 which utilizes disposable filters).
- (2) Air is forced into ultraviolet exposure chamber where it is irradiated by germicidal ultraviolet light (lamp quantity varies per model).
- (3) Observation port provides positive indication of germicidal lamp operation.
- (4) Purified air leaves exposure chamber through the louvered exhaust panel (which restricts ultraviolet radiation from passing into the room).

Uses and Applications

These Ultraviolet Room Air Sanitizers are germicidal ultraviolet fixtures that effectively destroy airborne microbes including bacteria, mold and virus in enclosed spaces and are available in a number of different configurations to adapt to any setting.

Utilizes germicidal lamps which are completely enclosed within a stainless steel exposure chamber and are safe for use in every application.

Units may be mounted into the ceiling, on a wall or are available for portable or mobile use.

Ultraviolet Room Air Sanitizers are utilized to protect personnel, clients and patients from infection due to airborne microbes, particularly in crowded or poorly ventilated areas, and in situations where the risk of cross infection is high.

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PAGE(S)

2/3

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250032 or 250082 - wall or ceiling mount, Residential or Commercial



250127 - recessed ceiling mount, Commercial



250128 - mobile unit, Commercial

Residential Models

Model	Nominal (1) Unit Capacity (CFM)	Dimensions			Electrical* (2) Requirement	Max. Room Size Treated @ 3 Room Air Changes/Hour	Max. Room Size Treated @ 6 Room Air Changes/Hour	Max. Treatment Capacity (CFM)
		L	W	H				
250032	54	34-1/2"	7-3/4"	7-3/4"	1.30 amp	1,080 Cubic Ft.	540 Cubic Ft.	3240
250082	105	34-1/2"	7-3/4"	7-3/4"	2.30 amp	2,100 Cubic Ft.	1,050 Cubic Ft.	6300

(1) Unit capacity incorporates an estimated allowance for airflow friction loss across filter and unit.

(2) Information listed refers to 230 Volt 50/60 Hz units. Contact factory for specifics on other voltages. *Consult factory with specific power requirements.

Commercial Models

Model	Nominal(1) Unit Capacity (CFM)	Dimensions			Electrical* (2) Requirement	Max. Room Size Treated @ 3 Room Air Changes/Hour	Max. Room Size Treated @ 6 Room Air Changes/Hour	Max. Treatment Capacity (CFM)
		L	W	H				
250032	54	34-1/2"	7-3/4"	7-3/4"	1.30 amp	1,800 Cubic Ft.	540 Cubic Ft.	3240
250082	105	34-1/2"	7-3/4"	7-3/4"	2.90amp	2,100 Cubic Ft.	1,050 Cubic Ft.	6300
250125	326	47-5/16"	14"	12"	4.93 amp	6,525 Cubic Ft.	3,263 Cubic Ft.	19,975
250126	380	59"	14"	12"	5.96 amp	7,600 Cubic Ft.	3,800 Cubic Ft.	22,800
250127	210	46-5/8"	22-1/8"	9-7/16"	4.26 amp	4,200 Cubic Ft.	2,100 Cubic Ft.	12,600
250128	2000	39"	39"	78-3/4"	11.00 amp	40,000 Cubic Ft.	20,000 Cubic Ft.	120,000

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PAGE(S)

3/3

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