

PURIFYING AIR AT THE SPEED OF LIGHT™

MB500X CEILING TILE MOUNT ULTRAVIOLET AIR PURIFIER

The MB500X Recessed Ceiling Mount UV Air Purifier is an innovative design for office, school and institutional facilities. The MB500X's space saving 24"x 24" self contained design, easily installs in the opening of a suspended ceiling.

The MB500X uses the Sanuvox process to Slow the air over the UV Lamp, Intensify the UV Energy with an Aluminum Reflecting Housing, and Mix the purified air around the lamp. The MB500X will effectively destroy chemical and biological contaminants that effect the work place environment.

Extremely quiet and the ability to purify an area of up to 500 square feet (per unit), makes this purifier the ideal solution for the problems associated with Sick Building Syndrome.



Silently circulates the air destroying biological & chemical contaminants
Easily fits into a suspended ceiling
Sanuvox's patented system



Purifying Area:	500 sq. ft. (4,000 cu. Ft.)
Dimensions:	24" x 24" X9" (610 x 610 X 229 mm)
Weight:	28 lbs (13 Kg)
Power Requirements:	120V. 26 Watts
UV Lamp Dimensions:	J type (Proprietary) Ultraviolet Lamp Dia. 19 mm. Length 6.5 in. (165mm).
Lamp Arc Length:	10.5 in. (267 mm)
Air Exposure Time to UV lamp - per pass	160 milliseconds
Average UV Dose per cfm:	64.5 microwatt seconds/cm ²
Average Bacteria Kill (per pass):	96.9%
UV Reflector:	Aluminum Reflective Box (21X 7X9 in.) (533X178X229 mm)
Airflow	71 cfm
Noise level @ 5 feet	Less than 49 dBA
Inlet Filter	14X8 inches (355X203 mm) Polypropylene
Outlet Filter	14X8 inches (355X203 mm) Activated Carbon
Installation:	Recessed Ceiling lay-in
Certifications:	NRTL/C, CSA.
Options:	Remote Installation Kit

U.S. Patent Number 5,833,740



MB500X FEATURES

- Ideal for offices, break-rooms, doctor's offices, waiting rooms, schools, daycare centers, etc.
- Destroys biological contaminants such as mold, bacteria, viruses, germs, allergens
- Destroys chemicals & biological odors
- 10,000 microwatts per/cm² of UV intensity inside UV Reflecting Box
- Patented 19 mm. Pure Fused Quartz UVC/UWV Lamp
- Reflecting Box maximizes UV intensity
- High-Output Ballast
- Patented Design & Sanuvox Quality
- Warranty: Lamp 12,000 hours. Unit 2 years
- CSA / US Certified & CE Approved

