

AAW-TBE-14-1 IN-ROOM ULTRAVIOLET GERMICIDAL SYSTEM

The AAW-TBE-14-1 is a totally enclosed air-movement germicidal UV system for in-room control of airborne TB and flu, as well as other airborne viruses, bacteria and mold.



AAW-TBE-14-1 is designed to be portable or wall-mounted to reduce airborne microbiological contamination. The system features stainless steel chassis, pull-chain switch, power cord, a fan and two filters. The High Output UV lamp is completely enclosed so the system can be on at all times protecting personnel and providing maximum germicidal irradiation. Re-lamping requires only disconnecting the power and opening the top cover.

AAW-TBE-14-1 UV System	
Lamp #	AAWHO/14
Lamp Life	12,000 hours
Lamp Intensity	550µW/cm² at 1 foot
Single-pass UV Dose	1,645µWsec/cm²
Air Movement	35CFM
Electrical	120/220V, 50/60Hz, 1Amp
Construction	430 Stainless Steel

AAW-TBE-14-1 fixtures are shipped assembled with the lamp packed separately inside the unit to prevent breakage.

AAW-TBE-14-1 mounts via two keyhole slots in the back of the unit. These holes are on 12.5" center and require # 8 anchor screws.

BALLAST: The UL listed solid-state electronic ballast is a Class P rapid start with a power factor

minimum of .95. It is available for 120V 60Hz and is designed to maximize photon production in air temperatures of 35° to 175° F. Ballasts have an RFI - EMI rating as defined by FCC part 18A for industrial / commercial applications in regards to suppression.

The UV lamp must be replaced before the end of effective lamp life. Lamps will continue to operate after that, however 254 nm output is not emitted. When installing the UV lamp or relamping use cotton gloves or make sure not to touch the lamp. Fingerprints on the germicidal UV lamp will reduce the ultraviolet output. Check the filters regularly and clean or replace as needed.

Features and Benefits of AAW-TBE-14-1 germicidal UV system:

- Improves Indoor Air Quality (IAQ) by reducing airborne bacteria, viruses, mold and spores
- Reduces the risk of airborne transmission of cold, flu, TB and other illnesses
- High output UV lamp
- Five-year, non-prorated warranty on the chassis
- One year prorated warranty on the UV lamp
- Produces no ozone or any other secondary contaminants

AAW-TBE-14-1 PARTS

Model	Description
AAW-TBE-14-1	Enclosed stainless steel fixture with High Output UV lamp, fan and 2 filters
	Replacement Parts
AAWFLT014	Filter 4.75" x 4.13" x 0.75" – two per unit
AAWHO/14	High output germicidal UV lamp
AAWFAN014	35CFM Fan
AAW350	Electronic ballast TXG350