VS01E

FLUORESCENT LAMPS
VIDASHIELD

1 (800) 831-1222 | www.vidashield.com

OVERVIEW

The VS01E is a patented 2 x 4 lighting troffer with a UV-C air treatment system. The VS01E uses energy efficient T8 fluorescent lamps or LED tubes to provide high efficiency area illumination.

The VS01E draws in untreated air, pushes it through a highly reflective UV chamber with an ultraviolet light set at the wavelength of 253.7 nanometers which inactivates bacteria or fungi that passes over the lamp. Four fans continue to push the air through the unit at approximately 50 cfm. This allows the unit to treat the equivalent of one full volume of air from a typical 10 x 10 room with 8 ft. ceilings four times an hour. The system works 24/7/365.

FIXTURE SPECS

Dimensions	60cm wide x 120cm long x 15cm high (nominal)
Weight	20 kgs.
Wattages	50-57 (fluorescent), 34-41 (LED tubes)
Voltage	120-277v (UNV)
Generator	T8 Ballast Configuration with Options
Housing	20 ga. Steel with Antimicrobial Powder Coat Finish
Lens / Door	Prismatic
Lumen Output	4000 (fluorescent), 3500 (LED tubes)

UV-C CHAMBER SPECS

Dimensions	40.6cm wide x 120cm long x 15cm high (nominal)
UVC Lamp	One 59w T5HO 22" Lamp w/ 15w of UVC Output
Fan System	Ultra Quiet Air Circulation Fans
Volume	50 CFM
Generator	Dedicated UV Ballast
Air Filter	MERV 6 High Air Flow Particle Filter
Light Block	Formed Baffles Prevent UV Light Leaks
Safety Lock	Switch Deactivates UV When Accessed

NOTES

UNV = 120-277v

The VidaShield UV24 brand is owned, sold, distributed, marketed and manufactured by Medical Illumination in Chatsworth, CA. It is also known as the UV24 overhead air purification system. For more information about UV24, log onto medillum.com.

PROJECT

TYPE

3 Year Limited Warranty
ETL Listed

© 2019 Medical Illumination | questions@vidashield.com | (800) 831-1222 | www.vidashield.com