

VENTORLUX[®]

S[®]ULIS[™] SERIES 1

SPECIFICATIONS

BETA* – Subject to Change

Manufacturer / Make:

VENTORLUX[®] SOULIS[™] 1000

Model Number:

VS100LF (Low Flow / Whisper Mode)

Air Flow / Handling:

1 Motor – 260-270 CFM (14-15mph)

Simple Controls:

On / Off Power Switch

Power – AirJet[™] / Photolysis Chamber:

120 v AC mains / 60Hz / DC 12 v

Power Supply AC/DC:

Input: 100 v – 277 v Disinfectant: 15 v

Watts Cont. / Peak Load:

115 watts, 1.25 amps / 120 watts, 1.8 amps

Connection Plug:

Optional Certified Green Dot 110 v plug

Disinfecting Method:

Shielded Ultra-violet Radiation

Weight / Size:

17 lbs (Outer Dimensions: 26" x 12" x 18")

Install:

Mounting Yoke / Metal T- Bar

Noise Level:

63-69 dB (white noise)



Available in **AirJet[™] Black**
or as shown in **Hospital White**.

Function: Soulis is a small air purification system device (19" x 12" x 10") that kills airborne pathogen like anthrax, bacteria, viruses, and mold that can help thwart the spread of COVID-19 and other threats. All ultra-violet light is contained within the photolysis unit.

Materials: Plastic, electronic circuit boards, shielded, low-voltage, ultra-violet light emitters. AC/DC converters, reflective interior shielding with thermal and timer control packaging.

Maintenance Requirements: Ensure the air intake vent is free of clutter and debris. Allow MINIMUM of 8" clearance for air intake. Optimal air intake distance 12" or more. Periodic (semi-annual) dust removal using a damp cloth or dusting apparatus.

Control Specification: On the upper side of the unit there is a toggle switch used to turn the fan unit on and off. The 12v AC/DC converter (Wall-wart) powers the photolysis unit. Once turned on the unit will run 24 / 7 without interruption.

Equipment Install: A metal "T"-bar / mounting yoke is provided with the unit. The "T"-bar should be securely fastened to extend across a 2 x 2 ceiling grid. Soulis can run stand-alone with no install but is meant to be installed to hang from a drop- or hard ceiling, or appropriate arm mount maintaining the same orientation shown above. A two (2) socket 110 v AC plug-in receptacle is required for install. Unit may also be hardwired into 277 v ceiling lighting circuits.

Product Life Span and Life Cycle: 2-year warranty, 20,000 hour life of photolysis unit. Photolysis unit must be replaced by VentrLux after 20,000 hours. No user serviceable parts inside. Yearly service and efficacy inspection recommended.

Warranty: 2-years, photolysis unit replacement every 20,000 hours of operation. During 2-year warranty period, upon inspection a replacement unit may be provided if malfunctions occur. **NO USER SERVICEABLE PARTS INSIDE. OPENING THE UNIT CAN CAUSE HARM TO YOU OR OTHERS AROUND YOU. OPENING VOIDS ALL WARRANTIES EXPRESS OR IMPLIED.**

Health & Safety: The Soulis has been tested with a UV dosimeter and external spectral imaging and recorded no radiation outside of the unit. It is not possible for a human to get any direct radiation from the Soulis, as the effective radiation wavelength does not permit travel beyond the photolysis chamber. The interior chamber is shielded from the exterior of the unit through advanced baffling and metal reflectors. The photolysis system only produces radiation in the light spectrum. The Soulis unit is **not** like X-ray machines, CT machines or MRI. The device utilizes a form of ultra-violet light radiation that is only effective in direct line of sight of the emitters within one (1) meter. No emissions exit the photolysis chamber. The unit itself is typically mounted on the ceiling, considerably further than a meter from occupants. Soulis meets the guidelines and requirements under ASHREA standard for an electronic radiation device. Soulis has been tested by a CDC "Elite", EPA, AIHA and NY State-certified testing Agency, **Assured BioLabs** of Oakridge, TN in August of 2019.



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



HIGH INTENSITY ULTRA-VIOLET RADIATION INSIDE.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER.

NO USER-SERVICEABLE PARTS INSIDE.

WARNING:

**TO PREVENT FIRE OR SHOCK HAZARD, DO NOT
EXPOSE THIS UNIT TO RAIN OR MOISTURE**

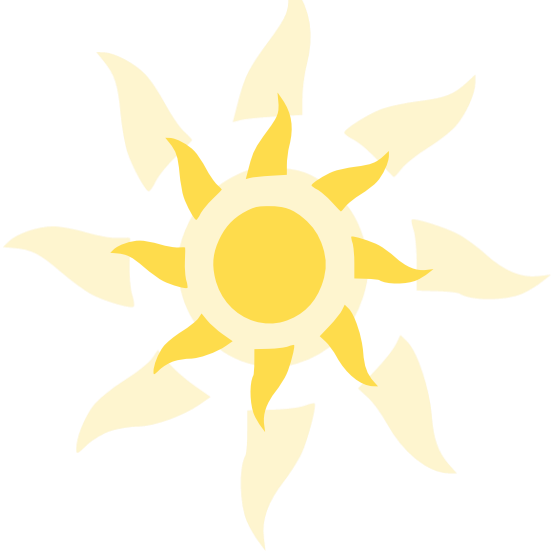
CAUTION:

**TO PREVENT ELECTRIC SHOCK, ENSURE THE PLUG
IS FULLY INSERTED INTO A MAINS SOCKET**

OPENING VOIDS WARRANTY

PROACTIVE AIR DEFENSE BY VENTORLUX[®] SOULIS[™]

Continuous Air Disinfection for Challenging Environments[™]



*Only **Soulis[™]** combines the power of the **Sun** with patented **AirJet[™]** technology to **reduce, disable and destroy** airborne pathogens.*



SERIES 1

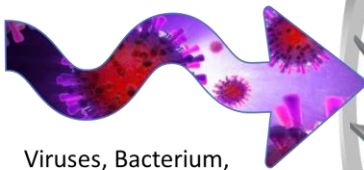
Continuous Use (24x7x365) costs about \$50 in Georgia

HOW IT WORKS

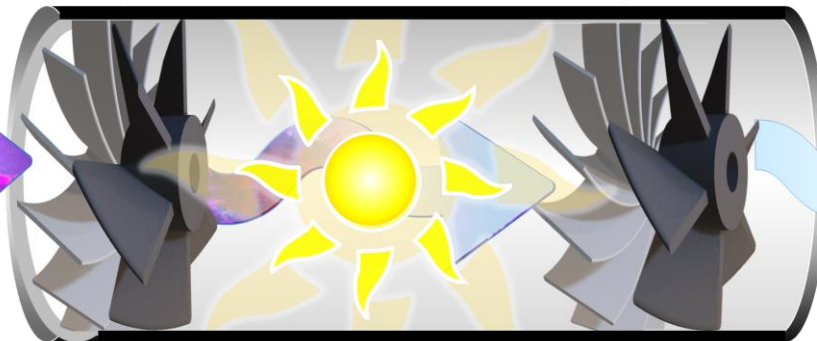
Soulis[™] Proprietary UV-C Array

No harmful radiation exits the Photolysis Containment Chamber

Contaminated Air



Viruses, Bacterium,
Yeasts & Mold Spores



Sanitized Air

Degraded, Destroyed
or Non-viable
Pathogens

Pathogen Killing Zone

1. Bad Air Enters.
2. Air is Sanitized.
3. Good Air Exits.