

# ESDS



The Indoor Air Quality Expert

## ENVIRONMENTAL SURFACE DISINFECTION SYSTEM

The Environmental Surface Disinfection System (ESDS) from Fresh-Aire UV® Commercial Series addresses the need for surface disinfection in spaces that are prone to biological contamination or where biohazards must be kept to an absolute minimum. ESDS uses germicidal UVC light to disinfect room surfaces when the area is unoccupied. The UVGI system features overhead mounted high-output germicidal UVC light fixtures. Each unit comes with an internal electronic power supply. The Fresh-Aire UV lamps included with ESDS are of the highest quality hard quartz and are encased in a shatter-proof Teflon safety coating.

### SAFETY FIRST

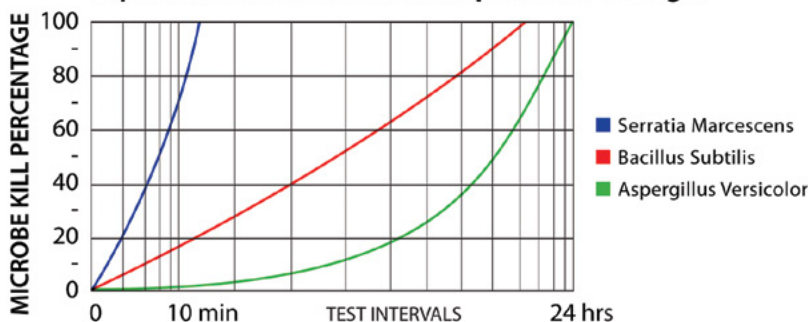
Because UVC light is dangerous to human skin and eyes the ESDS system only comes on when the area is unoccupied. A timer can be used for start and stop times. Additional safety features can include door-mounted interlock switches to prevent accidental exposure.

### PROVEN EFFECTIVE

Fresh-Aire UV Commercial Series UVC lights are proven to sterilize 99.9% of surface microbial contaminants within minutes of exposure. Fresh-Aire UV is a world leader in UV light disinfection and indoor air quality.



**UV Antimicrobial Effectiveness**  
Captured Microbe Cultures Exposed To UV Light



**Ideal for  
Healthcare  
& Related  
Applications**



[WWW.FRESH-AIREUV.COM](http://WWW.FRESH-AIREUV.COM)

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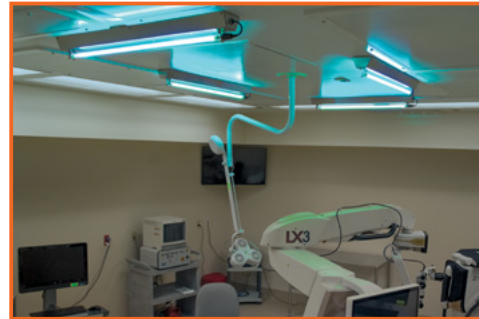


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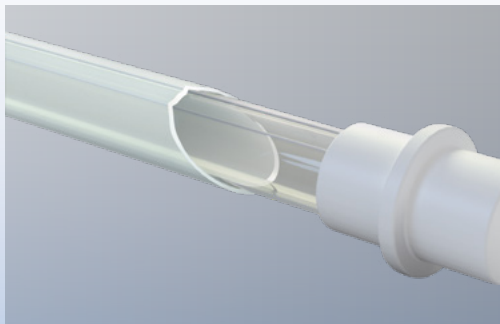


- UVC disinfection for unoccupied rooms
- Kills airborne germs as they pass by
- Switches, timers, sensors available
- Chemical-free disinfection



KIT INCLUDES	DIMENSIONS
Aluminum fixture/ housing, 120 - 277 VAC, 2A power supply, 32" High output lamp(s), lamp connector and instruction sheet	UV light fixture: 36" L x 3.375" W x 2" H

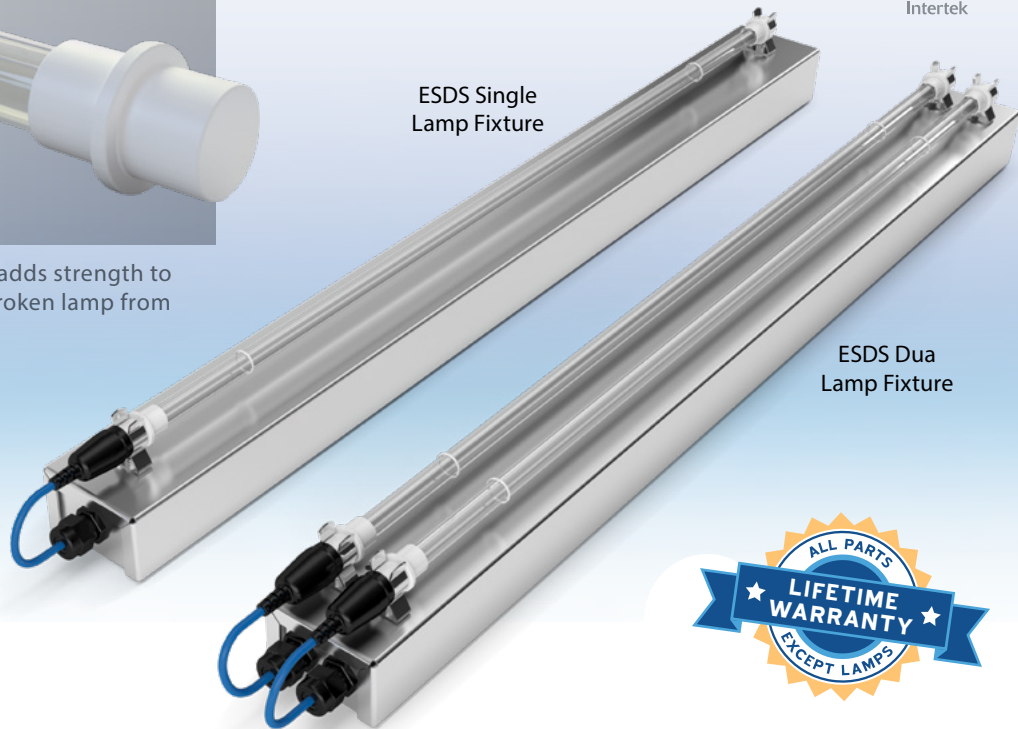
KIT PART #	LAMP DESCRIPTION	LAMP PART #
<input type="checkbox"/> TUVCL-232HO	32" 18000 hrs, high output, single	TUVCL-232HO
<input type="checkbox"/> TUVCL-232HO	32" 18000 hrs, high output, dual	TUVCL-232HO
<input type="checkbox"/> TUVCL-232HO-TF	32" 18000 hrs, high output, Teflon® single	TUVCL-232HO-TF
<input type="checkbox"/> TUVCL-232HO-TF	32" 18000 hrs, high output, Teflon® dual	TUVCL-232HO-TF



Optional Teflon® covering adds strength to the lamp and prevents a broken lamp from shattering.



ESDS Single  
Lamp Fixture



ESDS Dual  
Lamp Fixture



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DESIGNED &  
ASSEMBLED  
IN THE U.S.A.

TUVCL-ESDS-SPECS 092321