V-MAX™ Air Disinfection

Product Overview

Proven Elimination of Airborne Viruses, Bacteria and Mold

Independently proven effectiveness against high-risk pathogens, such as SARS-CoV-2 and Influenza A, provides enhanced Indoor Air Quality, protection and peace of mind for building occupants and guests.

- Proven 99.99% inactivation of SARS-CoV-2 in a moving airstream HVAC duct in independent lab testing
- Custom configuration via proprietary software modeling to meet airstream kill rates up to and above 99%
- Designed for in-duct use

99.99% Inactivation of SARS-CoV-2 in Moving Airstream HVAC Testing

- 99.99% inactivation of airborne SARS-CoV-2 in a single pass at an airflow rate of 500 feet per minute.
- To replicate conditions in a typical HVAC duct, UVDI V-MAX™ 254 nm UV-C lamps were arranged in a parallel configuration.
- Testing conducted in a modified HVAC test duct at a certified BEI-recognized BSL-3 laboratory.
- Given emerging coronavirus variants share the same RNA structure as SARS-CoV-2, these independently proven laboratory results provide scientific confirmation of UVDI V-MAX™ effectiveness against newer strains.
**V-MAX™ Air Disinfection**

### Designed for In-Duct Use

- Designed for flexible fixture mounting internally or externally on the duct
- Designed for duct-mounting parallel to the airstream providing optimum UV exposure
- Prewired lamp connection reduced installation time
- Low power consumption with universal voltage
- Available in 21” (53.34 cm), 33” (83.82 cm), 48” (121.92 cm) and 61” (154.94 cm) lamps

### Tech Specs

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>21” (53.34 cm)</th>
<th>Dual 21” (Dual 53.34 cm)</th>
<th>33” (83.82 cm)</th>
<th>Dual 33” (Dual 83.82 cm)</th>
<th>48” (121.92 cm)</th>
<th>61” (154.94 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>0.45</td>
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<td>240</td>
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<td>0.50</td>
<td>0.40</td>
<td>0.80</td>
<td>0.65</td>
<td>0.70</td>
</tr>
</tbody>
</table>

Designed for use with 120, 208, and 240 VAC input. Approximate current draw (in Amps).

- Rated for temperature 30°F - 135°F (-1°C - 57°C)
- RH: up to 95% non condensing

### Regulatory Approvals

ETL listed to UL/Canadian standards:
- UL 1598/CSA 22.2 250
- UL 1995/CSA 22.2 236
- UL 153/CSA 22.2 12

**Mounting Clips**

Easily attach onto lamp ends