Product Overview

V-RAY® Coil Cleaning

Proven UV-C Elimination of the Microbiological Biofilm from the Moist Coil Environment

UV energy destroys bacteria and mold that grow on the moist coil and drain pan surfaces eliminating “blow-off” of these into the air supply. This ensures that clean airflow is cooled by the coil without cross contamination.

Better Comfort
Coil disinfection prevents biofilm accumulation on fins resulting in effective heat transfer with better temperature and humidity control.

Energy Savings
Maintaining a coil free of microbial growth will maximize coil heat transfer efficiency and reduce energy consumption up to 15% in some systems.

Reduced Maintenance Cost and Less Downtime
UV energy ensures the cooling coil remains clean at all times, eliminating costly coil cleaning maintenance and reducing system downtime.

UV coil systems are typically installed downstream of the evaporator coil to destroy bacteria, mold and organic matter that grows and collects on cooling coils and surrounding areas.

Clogged Coil  UV Destroys Biofilm  Clean Coil Post-UV

Typical Installation in a Roof-mounted AHU
Cost-Effective Commercial HVAC Coil Maintenance

- Delivers an optimum level of UV energy to neutralize molds, bacteria and viruses in tight air handling applications where space is limited
- Designed for small Air Handling Units
- Versatile and easy to install - can be mounted in any orientation for proper irradiation
- Does not require complex racking support systems

**Tech Specs**

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>Lamp Configuration</th>
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<tbody>
<tr>
<td></td>
<td>21&quot;</td>
</tr>
<tr>
<td>120</td>
<td>0.20</td>
</tr>
<tr>
<td>208</td>
<td>0.12</td>
</tr>
<tr>
<td>240</td>
<td>0.10</td>
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Designed for use with 120, 208, and 240 VAC input. Approximate current draw [in Amps].

- Rated for temperature 30°F - 150°F (-1°C - 65°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 for category A/OK (Air Duct Mounted Accessories)