Dirty Socks Syndrome. Sick Building Syndrome. These are some of the names given to mold and bacteria problems in HVAC systems. Germicidal light (UV-C) is a very cost effective method of combatting bacteria, viruses, yeasts, and molds. In fact, UV-C can actually inactivate these microorganisms. The potential benefits are many; increased HVAC coil efficiency, lower maintenance costs, improved indoor air quality, and affordability.

For over 70 years, UV-C has been an effective tool in neutralizing harmful pathogens. Many of the molds, bacteria, and fungi that cause odors and problems in your air handling system, can be decreased with the installation of UV-C light.

Features and Benefits

- Medical studies prove the effectiveness of UV-C light.
- Available for residential, commercial, and industrial applications.
- Assists in the prevention of mold growth on HVAC coils, allowing them to operate at peak efficiency.
- Neutralizes many bacteria, viruses, fungi, yeasts, and molds.
- Inexpensive to operate. Only pennies per day.
- High output, long life UV-C bulbs.
- Great for homes, restaurants, offices, hospitals, day care centers, etc.
- Surface/airborne microbial control applications.
- Low maintenance and reduced costs.
- Longest fixtures available on the market.
Bio-Fighter® Nomad 2/Nomad

The Nomad and Nomad 2 installs almost anywhere inside the HVAC system. Either Nomad model utilizes a high-output tube design in conjunction with a high power ballast to produce increased levels of UV-C energy. An excellent one year warranty on chassis and electrical.

- High-output, low pressure, twin-tube bulb design.
- Perfect for surface microbial control applications.
- Single or dual bulbs.
- 9” or 16” bulb lengths.

Bio-Fighter® Triad

The Triad offers high UV-C output for surface or airborne microbial control applications. Features include dual safety devices to reduce the risk of accidental exposure to UV-C light, improved construction and appearance, limited lifetime warranty, and ETL safety agency listing. The Triad is optionally available with odor reducing bulbs.

- ETL safety agency listing.
- Limited lifetime warranty.
- Single and dual bulb options.
- 16” or 20” bulb lengths.

Bio-Fighter® Commercial Series

The Commercial Series provides a solution for irradiating large commercial cooling coils. Reduce maintenance costs by using one Commercial Series in place of several smaller UV-C fixtures. Available in lengths up to five feet. An excellent one year warranty on chassis and electrical.

- High-output Magnum bulbs.
- Available in lengths up to five feet.
- Multiple fixtures are easily wired in series.
- Polished aluminum reflector increases UV-C radiance.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Base Dimensions</th>
<th>Weight</th>
<th>Volts</th>
<th>Current (Ma)</th>
<th>Microwatts at 1 meter</th>
<th>Ozone Generation</th>
<th>Average Tube Life</th>
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<tbody>
<tr>
<td>04400</td>
<td>Nomad 9D</td>
<td>3.5” x 3.5” x 2.5”</td>
<td>2.20 lbs.</td>
<td>120/230</td>
<td>380</td>
<td>90</td>
<td>None</td>
<td>9000 Hours</td>
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<td>04401</td>
<td>Nomad 16D</td>
<td>7” x 3.5” x 3.125”</td>
<td>3.75 lbs.</td>
<td>120/230</td>
<td>700/450</td>
<td>190</td>
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<td>04966</td>
<td>Nomad 209</td>
<td>17” x 5.875” x 2.125”</td>
<td>5.35 lbs.</td>
<td>120/230</td>
<td>760</td>
<td>180</td>
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<td>04967</td>
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<td>7.60 lbs.</td>
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<td>04404</td>
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<td>6.75” x 11” x 2”</td>
<td>4.50 lbs.</td>
<td>120/230</td>
<td>750</td>
<td>375*</td>
<td>Optional</td>
<td>9000 Hours</td>
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<td>Triad 1S 20”</td>
<td>6.75” x 11” x 2”</td>
<td>4.50 lbs.</td>
<td>120/230</td>
<td>750</td>
<td>375*</td>
<td>Optional</td>
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<td>04407</td>
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<td>6.75” x 14” x 2”</td>
<td>6.75 lbs.</td>
<td>120/230</td>
<td>750</td>
<td>750*</td>
<td>Optional</td>
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<tr>
<td>04408</td>
<td>Triad 2S 20”</td>
<td>6.75” x 14” x 2”</td>
<td>6.75 lbs.</td>
<td>120/230</td>
<td>750</td>
<td>750*</td>
<td>Optional</td>
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<tr>
<td>04910</td>
<td>Commercial 3ft.</td>
<td>34.125” x 2” x 3.16”</td>
<td>5.90 lbs.</td>
<td>220</td>
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<td>04911</td>
<td>Commercial 4ft.</td>
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<td>Commercial 5ft.</td>
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<td>9000 Hours</td>
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</table>

*Microwatt output measured at 12”, 50”, 24” x 24” duct, 750 CFM.

All specifications subject to change without notice.