Ultra-Isolator® Noise Suppressors
125VA to 7.5kVA Single Phase

Ultra-Isolator® Noise Suppressors protect sensitive electronic equipment against electrical noise disturbances. These impediments, from sources such as lightning, utility network switching and the operation of electric motors, are the most prevalent and troublesome of all AC power disturbances. Noise signals that can affect electronic equipment occur approximately seven times more often than voltage fluctuations and blackouts combined. So it makes sense to give sensitive equipment the best protection available: an Ultra-Isolator® Noise Suppressor.

These products can reduce a 6,000 volt spike to an insignificant 0.0030 volt. These high-voltage transients described in IEEE 587 A and B, contain enough energy to completely destroy electronic circuit components.

Applications for noise protection includes:
- Computer equipment
- Telecommunication systems
- Process control equipment

Applications for reduction of leakage current and isolation includes:
- Medical lab equipment
- Production line test equipment
- Research and development lab test equipment

ADVANCED FEATURES

- Common-mode noise reduction characteristic of 146 dB
- Normal-mode noise reduction (65 dB)
- Complies with IEEE 587- A and B IEEE C62-41
- Exclusive shielding
- High efficiency
- Fast, easy installation
- UL 1012, cUL, UL 544 (medical), CE
- 6 year warranty

Ultra-Isolator® Noise Suppressors employ exclusive shielding technique that enables them to block all forms of electrical noise including RFI/EMI, over a broad range of frequencies, without impeding the normal AC signal.
**Topaz T1 product family**

<table>
<thead>
<tr>
<th>Power Rating</th>
<th>Input Voltage</th>
<th>Output Voltage</th>
<th>Frequency</th>
<th>Height (in)</th>
<th>Width (in)</th>
<th>Depth (in)</th>
<th>Mounting Width (in)</th>
<th>Mounting Depth (in)</th>
<th>Weight (pounds)</th>
<th>BTU/hour Series 30 (146dB)</th>
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<tbody>
<tr>
<td>750 VA</td>
<td>120/240</td>
<td>120/240</td>
<td>50/60Hz</td>
<td>4.8</td>
<td>7.4</td>
<td>10.9</td>
<td>7.3</td>
<td>4.6</td>
<td>34</td>
<td>898</td>
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<tr>
<td>1kVA</td>
<td>120/240</td>
<td>120/240</td>
<td>50/60Hz</td>
<td>6.6</td>
<td>8.4</td>
<td>10.5</td>
<td>7.3</td>
<td>4.3</td>
<td>52</td>
<td>392</td>
</tr>
<tr>
<td>1.8kVA</td>
<td>120/240</td>
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<td>50/60Hz</td>
<td>6.6</td>
<td>8.4</td>
<td>10.5</td>
<td>7.3</td>
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<td>52</td>
<td>392</td>
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<tr>
<td>2.4kVA</td>
<td>120/240</td>
<td>120/240</td>
<td>50/60Hz</td>
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<td>4.6</td>
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**Line-cord/receptacle models**

- 125VA - 1kVA: 5-15P 5-15R duplex
- 1.8kVA: L5-20P 5-20R duplex
- 2.4kVA: L5-30P 5-20R duplex

**Terminal style models**

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<th>Power Rating</th>
<th>Input Voltage</th>
<th>Output Voltage</th>
<th>Frequency</th>
<th>Height (in)</th>
<th>Width (in)</th>
<th>Depth (in)</th>
<th>Mounting Width (in)</th>
<th>Mounting Depth (in)</th>
<th>Weight (pounds)</th>
<th>BTU/hour Series 30 (146dB)</th>
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<tr>
<td>125VA</td>
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<td>120/240</td>
<td>50/60Hz</td>
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<td>7.9</td>
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<td>50/60Hz</td>
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<td>50/60Hz</td>
<td>4.8</td>
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<td>50/60Hz</td>
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