1. **Quick & Easy installation directly inside the hazard:**
The flexible sensor tubing is easily installed inside the electrical cabinet - directly above the wires and circuitry where a fire could start.

The tubing is pressurized with dry nitrogen to 16.5 bar (240 psig). The dynamics of pressurization make the tubing more reactive to heat.

2. **Early fire detection:**
If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot 230°F (approx. 110°C).

3. **Instant suppression:**
The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with CO extinguishing agent. The fire is quickly suppressed just moments after it began... minimizing damage and downtime.

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**Why SEVO Flex?**

- Simple, Flexible, and Compact
- Installs Directly into high-risk equipment
- Automatically detects and suppresses fire as soon as it begins
- Reduces equipment damage and down time
- Highly dependable: no electricity or moving parts
- Simple and easy to install

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### Cylinder Sizes, Novec 1230 (Kg/Lbs), Part Numbers, Volume Coverage (M³ / Ft³)

<table>
<thead>
<tr>
<th>Cylinder Sizes</th>
<th>Novec 1230 (Kg/Lbs)</th>
<th>Part Numbers</th>
<th>Volume Coverage (M³ / Ft³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1.4 / 3</td>
<td>FLEX LO300</td>
<td>2.2 / 77.2</td>
</tr>
<tr>
<td>7</td>
<td>3.2 / 7</td>
<td>FLEX LO700</td>
<td>5.1 / 180.2</td>
</tr>
<tr>
<td>14</td>
<td>6.4 / 14</td>
<td>FLEX L1400</td>
<td>10.2 / 360.3</td>
</tr>
</tbody>
</table>
**Nozzle**
The nozzle controls the flow of and distributes the 3M™ Novec™ 1230 Fire Protection Fluid into the hazard area. SEVO Systems unique nozzles are available in brass 360º dispersal patterns; each nozzle has predetermined discharge orifices to meet the flow requirements of the pre-engineered systems.

**Pneumatic Detection Tubing**
The pneumatic detection tubing is temperature sensitive and acts as a continuous linear thermal detector that ruptures at approximately 230°F (110°C) guaranteeing early detection and rapid extinguishment.

The SEVO Flex Multi-Point System is designed to meet the rapid discharge time (up to 10 seconds) in accordance with NFPA 2001. Multi-Point provides partial and / or local flooding of single or multiple hazards.
3M™ Novec™ 1230 Fire Protection Fluid

3M’s Blue Sky™ Warranty is a 20-year protection against regulatory bans or restrictions on the use of 3M™ Novec™ 1230 Fire Protection Fluid

A long-term, sustainable technology

With zero ozone depletion potential, extremely low global warming potential and short atmospheric lifetime, Novec 1230 Fluid is the first chemical halon replacement to offer a viable, long-term, sustainable technology for special hazards fire protection.

<table>
<thead>
<tr>
<th>ENVIRONMENTAL PROPERTIES</th>
<th>NOVEC 1230</th>
<th>Halon 1301</th>
<th>HFC-125</th>
<th>HFC-227ea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ozone Depletion Potential ¹</td>
<td>0.0</td>
<td>12.0</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>Global Warming Potential ¹</td>
<td>1</td>
<td>7140</td>
<td>3500</td>
<td>3220</td>
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<tr>
<td>Atmospheric Lifetime (Years) ²</td>
<td>0.014 (5 Days)</td>
<td>65</td>
<td>34.2</td>
<td>29</td>
</tr>
<tr>
<td>SNAP (Yes/No)</td>
<td>Yes</td>
<td>N/A</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

¹ World Meteorological Organization (WMO) 1998, Model-Derived Method
² Intergovernmental Panel on Climate Change (IPCC) 2007 Method, 100-year GWP