1. DESCRIPTION
The pneumatic horn is a pneumatically operated acoustic alarm device for use in gas extinguishing systems in accordance with the system approval. This alarm device emits a constant loud sound prior to system activation in order to warn personnel present in the application area to evacuate immediately.

The pneumatic horn includes both a NPT conversion kit and brackets. The pneumatic horn complies with EN 12094-12.

2. LISTINGS AND APPROVALS

- UL Listed - EX5248 (Oxeo PR CF)
- FM Approved: Oxeo PR CF

3. TECHNICAL DATA

Specifications
- Operating medium: N₂
- Connection: precision drawn steel pipe 6 x 1 with converters for 1/2" OR pilot hoses
- Temperature Range:
  - Operating: -4 ºF to 302 ºF (-20 ºC to 150 ºC)
  - Transport and storage: -4 ºF to 131 ºF (-20 ºC to 55 ºC)
- Working Pressure: 116 psi to 160 psi (8 bar to 11 bar)¹
- Installation Position: sound outlet points downward

Consumption rates
- At constant 145 psi (10 bar):
  - N₂: approx. 0.74 oz/min (21 g/min)
- At constant 1015 psi (70 bar):
  - N₂: approx. 4.4 oz/min (124 g/min)

Installation Position: sound outlet points downward

Pneumatic horn complies with EN 12094-12

Marking
- Part number: 25962

Material Standards
- Conversion Kit² (installed hand tight upon shipment, customer assembly required):
  - Swivel union, 6 mm drawn tubing (M12x1.5)
  - Adapter, male 1/4” NPT stud to 6mm drawn tubing (M12x1.5)
  - Steel adapter, female 1/4” NPT to male 1/2” NPT

NOTE: Pneumatic horn intended for indoor use only

¹ Overpressure-proof up to 2030 psi (140 bar)
² All components comprised of zinc plated steel

4. INSTALLATION
The pneumatic horn is to be installed with its sound outlet pointing downward. Connection to be used with precision drawn steel pipe 6 x 1. All components are delivered assembled hand-tight.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

<table>
<thead>
<tr>
<th>Designation</th>
<th>Part no.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumatic horn</td>
<td>25962</td>
<td>2.54 lbs (1.15 kg)</td>
</tr>
</tbody>
</table>
TABLE 1: PNEUMATIC HORN TECHNICAL DATA
Operating Mediums: N₂

<table>
<thead>
<tr>
<th>Operational Temperature Range</th>
<th>Working Pressure Range*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Unit</td>
</tr>
<tr>
<td>ᵒF</td>
<td>-4</td>
</tr>
<tr>
<td>ᵒC</td>
<td>-20</td>
</tr>
</tbody>
</table>

Operating Medium Consumption Rates

<table>
<thead>
<tr>
<th>Description</th>
<th>N₂</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>oz/min</td>
</tr>
<tr>
<td>Consumption at constant 145 psi (10 bar)</td>
<td>0.74</td>
</tr>
<tr>
<td>Consumption at constant 1015 psi (70 bar)</td>
<td>4.4</td>
</tr>
</tbody>
</table>

* Overpressure-proof up to 2030 psi (140 Bar).
The technical data described herein is for components of the Viking Oxeo PR Fire Extinguishing Systems.
Visit the Viking website for the latest edition of the technical data and system manuals.

Figure 4: A-Weighted Sound Pressure Levels

Note: The curves shown above were determined in the laboratory. Due to the influencing factors given in situ, the real values may deviate from the curves.

Figure 5: Component Dimensions
Dimensions in inches (mm)
The technical data described herein is for components of the Viking Oxeo PR Fire Extinguishing Systems. Visit the Viking website for the latest edition of the technical data and system manuals.

Figure 6: NPT Conversion Kit Components

- Swivel union, 6 mm drawn tubing (M12x1.5)
- Adapter, male 1/4" NPT stud to 6 mm drawn tubing (M12x1.5)
- Steel adapter, female 1/4" NPT to male 1/2" NPT
- Union, male 6 mm to male 6 mm