



TECHNICAL DATA

PNEUMATIC ALARM DEVICE (PNEUMATIC HORN)

The Viking Corporation | 210 N Industrial Park Drive | Hastings MI 49058

Viking Special Hazards | Technical Services: 877-384-5464 | Email: techsvcs@vikingcorp.com | www.vikinggroupinc.com

The technical data described herein is for components of the Viking Oxexo PR Fire Extinguishing Systems.

Visit the Viking website for the latest edition of the technical data and system manuals.

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



cULus Listed - EX5248 (Oxexo PR CF)



FM Approved: Oxexo 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 °F to 302 °F (-20 °C to 150 °C)
- Transport and storage: -4 °F to 131 °F (-20 °C to 55 °C)

Working Pressure: 116 psi to 160 psi (8 bar to 11 bar)¹

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

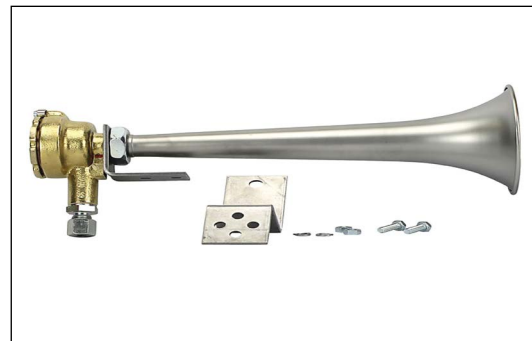
NOTE: Pneumatic horn intended for indoor use only

¹ Overpressure-proof up to 2030 psi (140 bar)

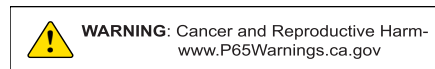
² All components comprised of zinc plated steel

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.



Designation	Part no.	Weight
Pneumatic horn	25962	2.54 lbs (1.15 kg)





TECHNICAL DATA

**PNEUMATIC ALARM DEVICE
(PNEUMATIC HORN)**

The Viking Corporation | 210 N Industrial Park Drive | Hastings MI 49058
 Viking Special Hazards | Technical Services: 877-384-5464 | Email: techsvcs@vikingcorp.com | www.vikinggroupinc.com
 The technical data described herein is for components of the Viking Oxco PR Fire Extinguishing Systems.
 Visit the Viking website for the latest edition of the technical data and system manuals.

TABLE 1: PNEUMATIC HORN TECHNICAL DATA Operating Mediums: N ₂					
Operational Temperature Range			Working Pressure Range*		
Unit	Low	High	Unit	Low	High
°F	-4	572	PSI	116	1015
°C	-20	300	bar	8	70
Operating Medium Consumption Rates					
Description	N ₂				
	oz/min	g/min			
Consumption at constant 145 psi (10 bar)	0.74	21			
Consumption at constant 1015 psi (70 bar)	4.4	124			
Notes					
* Overpressure-proof up to 2030 psi (140 Bar).					



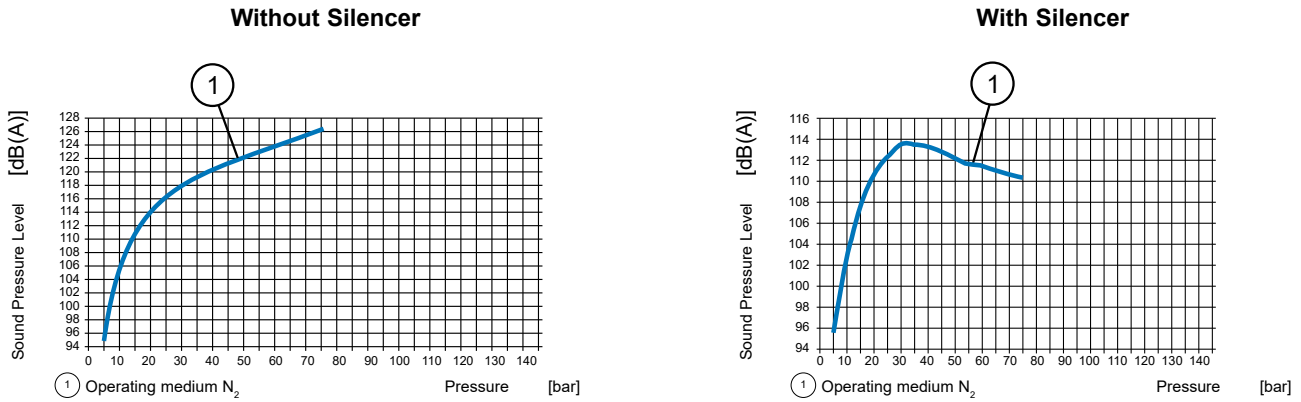


TECHNICAL DATA

PNEUMATIC ALARM DEVICE
(PNEUMATIC HORN)

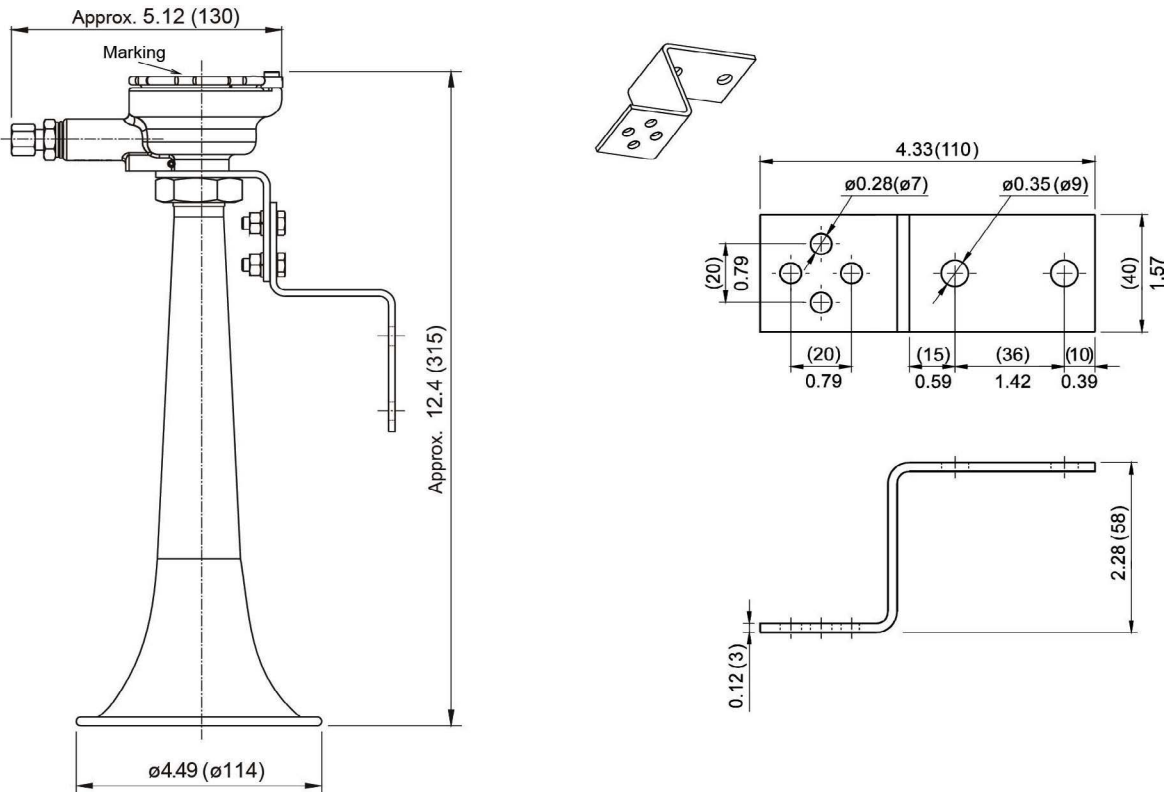
The Viking Corporation | 210 N Industrial Park Drive | Hastings MI 49058
 Viking Special Hazards | Technical Services: 877-384-5464 | Email: techsvcs@vikingcorp.com | www.vikinggroupinc.com
 The technical data described herein is for components of the Viking Oxco PR Fire Extinguishing Systems.
 Visit 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)





TECHNICAL DATA

**PNEUMATIC ALARM DEVICE
(PNEUMATIC HORN)**

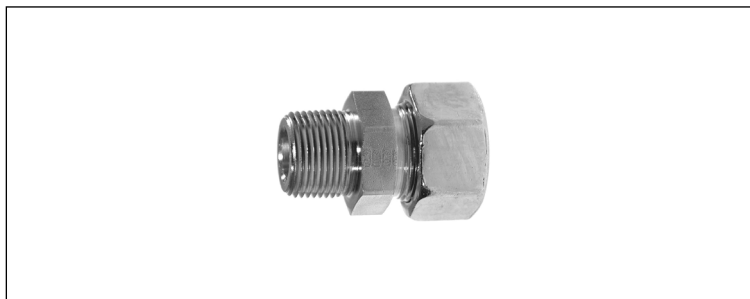
The Viking Corporation | 210 N Industrial Park Drive | Hastings MI 49058
Viking Special Hazards | Technical Services: 877-384-5464 | Email: techsvcs@vikingcorp.com | www.vikinggroupinc.com
The technical data described herein is for components of the Viking Oxexo PR Fire Extinguishing Systems.
Visit the 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

