

Aspirating Smoke Detector



Description

The VELOXASD-720 aspirating smoke detector is designed for areas up to 668 square metres (7,200 square feet). Total sample pipe runs up to 82.3 metres (270 feet) using 25mm (3/4" SCH-40) pipe to draw air samples from the protected hazard back to the detector for analysis.

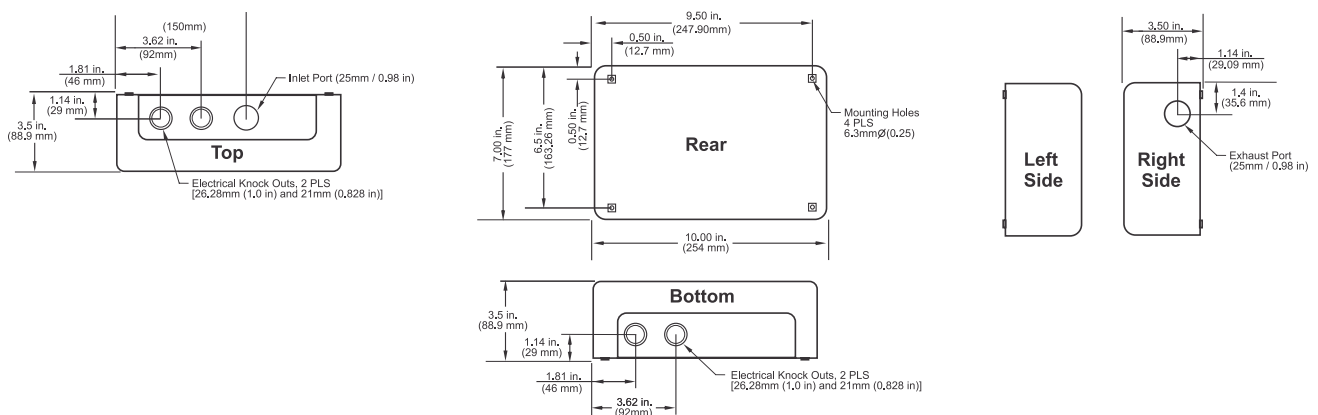
Maximum number of sampling holes is 8 spaced no greater than 9 metres (30 feet) between sampling points. Spacing between sampling pipes must also not exceed 9 metres (30 foot) spacing.

Reset and Silence buttons, as well as LED indicators for Alarm, Fault and Power are used for operation and annunciation. Built in troubleshooting via the LED indicator.

Features

- High Sensitivity Light Scattering Sensor
- Single Zone/Pipe Max. 82m(270ft.) of Pipe
- "Auto" Commissioning
- Powerful Aspirating Fan w/ Frequency Flow Supervision
- Up to 668 sq. m. Coverage
- Single Point Maintenance
- Latching/Non-Latching Fire and Fault Contacts
- "VELOXCalc" Pipe Calculation Program

General Overview



Technical Specifications

Item	Specification Details
Input Voltage	24VDC
Current Draw	270 @ 24VDC
Dimensions	254mm x 177mm x 88.9mm (10" x 7" x 3.5")
Weight	1.8 kg (3.5 lbs)
Operating Temperatures	0°C to 37.8°C (32°F to 100°F)
Humidity Range	0-90% non-condensing
Area of Detection	668m ² (7,200 sq ft). Max.
Number of Sample Pipes	1
Sample Pipe	25mm (3/4" SCH-40
Maximum Pipe Length	Up to 82.3m (270 ft)
Number of Sample Points	min 2, max 8 per detector
Area of Protection Per Sample Point	9m x 9m maximum (30' x 30')
Alarm Contact	1 Total, 1A @ 30VDC
Fault Contact	1 Total, 1A @ 30VDC
Detector Sensitivity	UL- .6% obs/m (.2%obs/ft) EN54 Test Chamber- .3% obs/m (.1% obs/ft)

Order Codes

Part No.	Description
VELOXASD-720	Aspirating Smoke Detector