

## Cut Sheet

Part Number: ASD720

### 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
- “SafeCalc” Pipe Calculation Program

### Description

The SafeASD-720 aspirating smoke detector is designed for areas up to 668 square meters (7,200 square foot). Total sample pipe runs up to 82.3 meters (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 meters (30 foot) between sampling points. Spacing between sampling pipes must also not exceed 9 meters (30 foot) spacing.

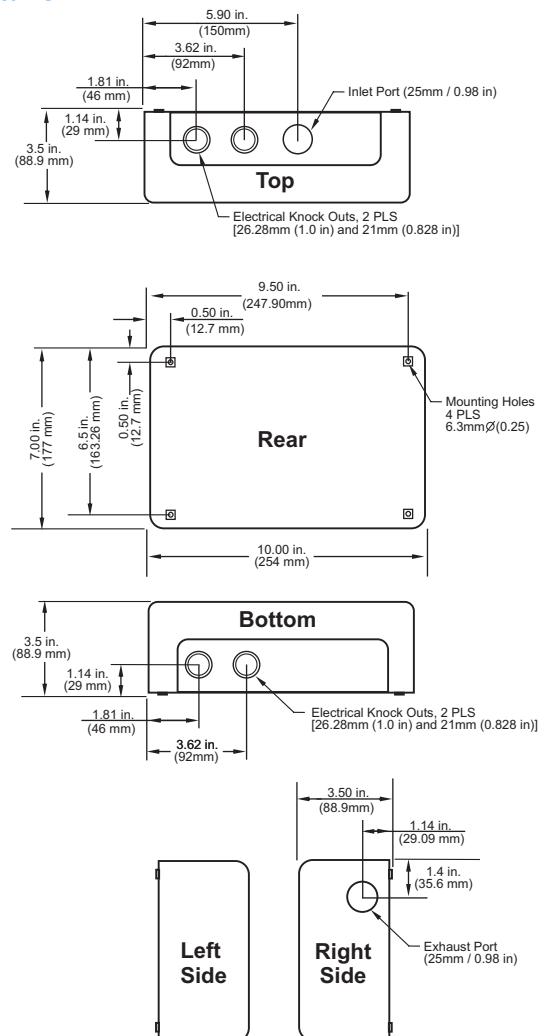
Reset and Silence buttons, as well as LED indicators for Alarm, Fault and Power are used for operation and annunciation. Built in troubleshooting via the LED indicator.

### Specifications

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 <sup>2</sup> (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:	.6% obs/m (.2%obs/ft)



### Details



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