



FASD717

2 Channel aspiration controller for laser point detectors

General

There are many instances where aspirated laser detectors are specified, but where the high cost of a standard laser detector is an unnecessary expense. The FASD717 aspirated laser smoke detector provides the perfect solution in allowing the use of simple point laser detectors within an aspirated system. The FASD717 provides closed loop sampling on 2 channels whereby the exhausted air can be completely returned to the sampled area.

Installer friendly

The system includes two laser point detectors completely separated from each other. The FASD717 has in-line air filters to remove dust particles from the air sample. The filters are housed in a removable transparent cartridge enabling rapid inspection and maintenance. The system could optionally be IP65 rated allowing its use in many harsh environments, as well as where regular hosing is performed.

Reducing false alarms

The aspirating smoke detector utilises a high performance aspirator and flow monitoring circuit. The flow level is displayed on a 10-element bar graph for each pipe, with adjustments for high and low flow thresholds. Flow failure is reported to the central panel as a device fault.



Standard Features

- 2 Detectors provide 2 channel operation
- Up to 100 metres of pipe
- Cartridge air filter
- Bar graph indication of air flow
- High / low flow fault and remote reporting
- IP65 rating available
- Could be used in applications such as:
 - - Hotels
 - - Banks
 - - Hospitals
 - - Livestock Buildings
 - - Prisons
 - - Underground stations
 - - Aesthetic environments
 - - Harsh environments
 - - Dirty environments

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Specifications

Dimensions (w x l x h)	254 x 180 x 112 mm
Supply voltage	24 VDC
Current consumption	460 mA
Number of detectors (not included)	2
Filtration	Cartridge dust particle filter
Maximum tube length	100 m
Flow monitoring	yes
Environmental	
IP rating	IP50/IP65
Operating Temperature	-10 to 60 °C
Operating Humidity	10 to 95% RH (non-condensing)

Ordering Information

Part No.	Description
FASD717	2 Channel aspiration controller for laser point detectors
FHSD771	Large bore red pipe 3 metre length
FHSD772	Straight union large bore
FHSD773	90 deg. bend for large bore pipes
FHSD774	45 deg. elbow for large bore pipes
FHSD775	End cap for large bore pipes
FHSD776	Removable Union for Large Bore Red Pipe 25 mm
FHSD777	Y union large bore
FHSD777CE	Wall Anchor Clip for 25 mm pipe
FHSD777CH	Channel Clip for 25 mm pipe
FHSD778	Flush Capillary Sampling Point
FHSD779	T-Piece for 25mm pipe
FHSD780	Stainless steel sampling point 6mm
FHSD781	Standard sampling point 10mm
FHSD782	Stainless steel sampling point 8mm



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IPS-FASD717-2008-12-2 12:54:28 Released : 12.09.2007;