

PROTECT YOUR WAREHOUSING BUSINESS

With FAAST FLEX Smoke Detection

Small and medium-sized enterprises (SMEs) are the backbone of the warehousing and logistics industry.

Protecting them against smoke and fire is vital, so is keeping downtime and cost to a minimum. This is where FAAST FLEX Aspirating Smoke Detection (ASD) from Honeywell comes in.

FAAST FLEX combines effective and reliable smoke detection with ease of design, installation, commissioning, and maintenance and improved user experience. This way, you can better address the typical challenges associated with smoke detection in warehousing.



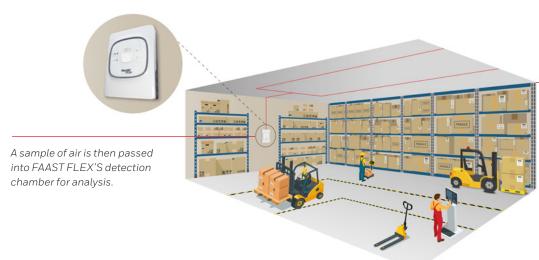
WHY IS DETECTING SMOKE IN WAREHOUSES SO CHALLENGING?

Warehouses often consist of large, open spaces. Here, air movements and stratification may dilute or disperse smoke, preventing it from reaching traditional point (spot) detectors on the ceiling. By the time smoke is finally detected, it may already be too late to prevent disruption to business operation and damage to property and stored goods. Another limitation of point detectors is that they are generally unfit for sub-zero environments, meaning they cannot be used in refrigerated storage facilities. With FAAST FLEX ASD, you can address both challenges.

WHAT MAKES FAAST FLEX ASD DIFFERENT?

FAAST FLEX is an aspirating smoke detection system that actively samples the air throughout a facility via an extensive network of pipes with sampling holes. This way, you can detect the early signs of a potential fire threat and take action to prevent disruption and damage to your business.





Air is drawn in through a speed adjustable aspirator. Each pipe inlet features an airflow sensor that monitors airflow changes in the pipes.

SMOKE DETECTION HAS NEVER BEEN SO FAAST

There are many reasons why FAAST FLEX ASD is a great fit for a variety of small-to medium warehousing facilities, including cold storage.

RELIABLE PERFORMANCE

- Consistent smoke detection with minimum nuisance alarms.
- Advanced ultrasonic flow sensing technology, enabling accurate and consistent flow detection.

EASIER INSTALLATION

- Pre-engineered pipe networks making design and installation fast and effortless.
- Screwless assembly, ample wiring space and flexible mounting options thanks to an innovative reversible cover.

FASTER COMMISSIONING

- Out-of-box operation with a built-in user-friendly configuration.
- Extended configuration and test, thanks to a Bluetooth[®] interface with a mobile App.

SIMPLER MAINTENANCE

- Convenient detector access, with the extensive network of pipe making installation in hard-toreach locations unnecessary.
- Modular design and field-replaceable components enabling easier, in-field service operations.

ENCHANCED EASE OF USE

 Bluetooth interface with mobile App for remote control, enabling status monitoring, rapid diagnostics and trouble-shooting.

COMPATIBILITY WITH COLD STORAGE AND LOW-NOISE ENVIRONMENTS

- -40°C operating temperature.
- Quiet operation (30db) with adjustable fan speed.



APPLICATIONS

FAAST FLEX is a great fit for a wide range of applications, including:

- Small-to-medium warehouses
- Ceiling and underfloor voids
- Refrigerated storage facilities
- Transformer and electrical rooms

• Elevator shafts



Technical Specifications

ARCHITECT/ENGINEER SPECIFICATION

ELECTRICAL SPECIFICATION

DETECTOR DYNAMIC SENSITIVITY			
Supply Voltage	24Vdc (18 - 30Vdc)		
Maximum Power Consumption	Single Channel Model: 400mA @24Vdc Dual Channel Model: 450mA @24Vdc		
Relays	3 per channel, Action, Alarm and Fault 2A @30V		
Detector Sensitivity Range	0.05%obs/m to 6.56%obs/m (0.164%obs/ft - 21.5%obs/ft)		

ENVIROMENTAL SPECIFICATION

OPERATING CONDITIONS	
Operating Temperature	-40 °C to 55 °C
Sampled Air Temperature	-40 °C to 55 °C
Humidity	10-93% RH
Ingress Protection Rating	IP40

MECHANICAL SPECIFICATION

Dimensions (WHD)	280mm X 205mm X 80.5mm	
Weight	1.7 Kg	
Display Panel	LED	

ORDERING INFORMATION

ORDERING CODE	DESCRIPTION		
FLX-010	FAAST FLEX 1-pipe Stand-alone		
FLX-020	FAAST FLEX 2-pipe Stand-alone		
FLX-SP-01	FAAST FLEX Sensing Module		
FLX-SP-02	FAAST FLEX Metal Filter (pack of 6)		
FLX-SP-03-EN	FAAST FLEX Front Cover (EN)		
FLX-SP-04	FAAST FLEX Aspirator		
FLX-SP-05-EN	FAAST FLEX Internal Cover Set (EN)		
FLX-SP-06	FAAST FLEX Adaptor Set		

GENERAL SPECIFICATION

Flow Sensor Number	1 per channel					
Level of Alarm	Action and Alarm per channel					
Fan Setting	Adjustable					
Area Coverage	Single Channel Model: 1,600m² (17,200 sq.ft) Dual Channel Model: 2,000m² (21,527 sq.ft)					
Pipe Network Layout	Single Channel Model:	Linear pipe length:	1 x 105m (344 ft)			
		Branch pipe length:	2 x 105m (344 ft)			
			4 x 68m (223 ft)			
	Dual Channel Model:	Linear pipe length:	2 x 105m (344 ft)			
		Branch pipe length:	4 x 105m (344 ft)			
			8 x 49m (161 ft)			
Sampling Holes	Single Channel Model: A, B, C: 5, 15, 32					
	Dual Channel Model: A, B, C: 8, 28, 56					
General Purpose Input (GPI)	Reset, Disable, External Fault					
Out-of-Box Configuration	DIP Switches	DIP Switches				
Field Replaceable Components	Sensing Module, Metal Filter, Front Cover, Aspirator, Internal Covers and Adaptor Set					
Data Logging	Device Info, Device Configuration, Device Status Logged Events and Data					
Communication	USB & Bluetooth					

THE FUTURE IS WHAT WE MAKE IT

