

Conventional Fire Alarms Smoke Detectors ReadySET Series



The ReadySET air aspirating (sampling) smoke detector is a central detection unit that actively draws air from a protected area through its sampling pipe and monitors the stream for the presence of smoke and other products of combustion. It can accommodate up to 10 sampling holes along a maximum pipe length of 164 ft (50 m).

The ReadySET Series smoke detectors have a NEMA 1 rated enclosure, and are resistant to dust and dirt. Forward scattering optical detection adds early warning capability. Predefined application scenarios diagram how to lay out the pipe and where to drill the air intake holes. Field-configurable via internal DIP switches for a range of settings, it connects to any fire alarm control panel through dry contact relays.

ReadySET is designed for mission critical settings like assembly areas and laboratories, as well as large spaces like atria, and applications where concealed detection is desired.

Features and Specifications

- Laser light scattering mass detection
- 2500 square foot (232 square meter) coverage area
- Environmental compensation
- Alarm, pre-alarm and fault relays
- Wall mounting via three screws
- Optional serial interface for PC-based diagnostics
- Operating humidity range: 0-90% non-condensing
- Operating temperature range: 32°F to 100°F (0°C to 38°C)



Ordering Information

Description	Cat. No.	Operating Voltage	Current	Sensitivity Range	Relay Contact Rating	Communication Card
Air Sampling Smoke Detector	9-30719-KFB	22.5V - 26.4V DC	0.35 A	0.12% to 7.62% obs/ft.	1 A @ 24V DC res. Load	No
	9-30721-KFB	22.5V - 26.4V DC	0.35 A	0.12% to 7.62% obs/ft.	1 A @ 24V DC res. Load	Yes

Accessories

Description	Cat. No.	Package Qty.
ReadySET replacement air filter	33-30755A	
CPVC Sampling Pipe and Fittings		
"3/4" ID x 1" OD x 15' length CPVC Sampling Pipe. Orange. Preprinted "Do Not Disturb – Aspirating Smoke Detection Pipe."	CV11900	14
3/4" CPVC Straight Coupling	CV10908	25
3/4" CPVC 90° Socket Elbow	CV10906	30
3/4" CPVC 45° Socket Elbow	CV10905	20
3/4" CPVC Socket End Cap	CV10927	25
3/4" CPVC Socket Union	CV10915	10
3/4" CPVC Socket TEE Fitting	CV10909	20
Reducer Bushing-CPVC.	CV10935	25
Quick Connect Fitting	CV10937	25



CV11900



CV10908



CV10906



CV10905



CV10927



CV10915



CV10909



CV10935



CV10937



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Smoke Detectors

ReadySET Series

Accessories		(Continued)	
Description	Cat. No.	Package Qty.	
ABS Sampling Pipe and Fittings			
3/4" ID x 1" OD x 10' length ABS Sampling Pipe. Red; Preprinted "Do Not Disturb – Aspirating Smoke Detection Pipe"	CM10900	1	
3/4" Red ABS Straight Coupling	CM10908	1	
3/4" Red ABS Sweeping 90° Elbow	CM10906	1	
3/4" Red ABS 45° Elbow	CM10905	1	
Sampling Ports, Fittings and Accessories			
Sampling Point Assembly. Detachable remote Sampling Point.	CM10943	1	
Patress style detachable Sampling Point	CM10919	1	
Right Angle Patress style detachable Sampling Point	CM10944	1	
Bulkhead style detachable Sampling Point	CM10913	1	
Press Fit Calibrated Sampling Point (white).	CM10914	1	
In-line Sampling Point Adaptor - ABS. 3/4" to 3/8" Quick Connect Fitting.	CM10923	1	
End-of-line Sampling Point Adaptor - ABS. 3/4" to 3/8" Quick Connect Fitting.	CM10922	1	
1/4" ID x 3/8" OD Capillary Sampling Tube.	CM10963-250	250 ft.	
Pipe Accessories			
3/4" Sample Point Repair Saddle	CM10933	1	
Sampling Point Identification Decals	CM10960	100	
3/4" Red ABS Pipe Clip	CM10954	1	
One-Hole Wrap-Strap for CPVC and ABS Pipe	CV10931	100	
2 hole strap for 3/4" CPVC pipe	CV10934	100	
Stand-off 2 hole strap for 3/4" CPVC pipe	CV10936	100	
Fittings and Adaptors			
3/4" ABS to 22mm Copper Tube Adapter	CM10902	1	



CM10900



CM10908



CM10906



CM10905



CM10943



CM10919



CM10944



CM10913



CM10914



CM10923



CM10922



CM10933



CM10960



CM10954



CV10931



CV10934



CV10936

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions		
		Width (in.)	Height (in.)	Depth (in.)
9-30719-KFB	2.65	7.5	9	4.3
9-30721-KFB	2.65	7.5	9	4.3