Duct Smoke or Carbon Monoxide Detectors



■ Detectors are 24VDC, 24VAC, 120VAC & 230VAC

Smoke Detectors—Suitable for high temperature applications and feature an internal dust filtering system that requires no additional screens or filters to clean. Models are universal voltage and you can interconnect up to 30 units. 45JU29 has an innovative, toolless design that allows for quick installation and eases the loading and unloading of sampling/exhaust tubes. 45JU40 is designed for no- or low-flow special applications and plenum spaces. 45JU42 is weathertight, corrosion resistant, and has a NEMA 4X rating.

Carbon Monoxide Detector—Unit can initiate an air handling unit shutdown when the CO concentration reaches a level considered hazardous by NFPA and OSHA standards.

Accessories—45JU30 features lightweight, sectional tubes that you can connect together for the required length. 45JU57 and 45JU35 feature a multicolor LED to indicate Alarm, Pilot, and Trouble status. 45JU57 is mounted in a white, single-gang cover plate. 45JU35 is mounted in a white, double-gang plate with a sounder strobe assembly with a clear lens.

45JU29





45JU42

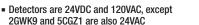
45JU38



	Ambie Temp			Mfr.	Item	Description	Duct Width (ft.)	For Use With	Mfr. Model	Item No.
Description	Limits (°F) Air Vel. (fpm) Fo	or Use With	Model	No.	Accessories (Cont.)				
Smoke Detectors				01 0000			0.5 to 1		STN-1.0	45JU45
Photoelectric, Universal	32 to 14		All APC	SL-2000-		- Sampling Tube with Notch	1 to 3	SL and RT Series	STN-2.5	45JU46
Photoelectric, Universal	32 to 14		Remote	SM-501-		-	3 to 5	Smoke Detectors	STN-5.0	45JU47
Photoelectric, Plenum	32 to 14		Operation	HS-100-			5 to 10		STN-10.0	45JU31
Photoelectric, Weathertight	-4 to 14	0° 100 to 4000 A	ccessories	RT-3000-	-P 45JU42		0.5 to 1		STS-1.0	45JU48
Carbon Monoxide Detector						Sampling Tube	1 to 3 3 to 5	SM Series Smoke	STS-2.5	45JU50
Kit, Includes (3) 18 in Fast Tube,								Detectors	STS-5.0	45JU51
(4) Screws, 8 in Fast Exhaust							5 to 10		STS-10.0 WP-1	45JU49 45JU55
Tube, Mounting Template,	32 to 15	8° 100 to 4000	_	SL-701 K	IT 45JU38	Weatherproof Enclosure		SL Series Smoke	WP-I	40JU00
MSR-50/CO Remote Accessory, Notched Fast Tube Starter Piece,						weatherproof Efficiosure	_	Detectors	WP-2000	45JU56
SL-701 Duct CO Detector						Remote Horn with		Detectors		
3L-701 Duct GO Detector	. .					Pilot & Alarm LED	_		MS-RH/P/A	45JU37
Description	Duct	For Use With	Mfr.		Item No.	Remote Key Test Station				
	Width (ft.)	ror ose with	Mode	;1	NU.	with Pilot & Alarm LED	_		MS-KA/P/R	45JU58
Accessories		All APC Duct				Remote Horn, Key Test Station				
Smoke Detector Head Replacement, Photoelectric	_	Smoke Detectors	55000-32	8APO 4	I5JU32	with Pilot, Alarm & Trouble LED	_		MS-RH/KA/P/A/T	45JU34
neplacement, Filotoelectric		SM Series or open				Remote Horn, Key Test Station		All APC Duct		
Smoke Detector Tester, Aerosol	_	area Smoke Detectors	TG-15	00 4	I5JU52	with Pilot & Alarm LED	_	Smoke Detectors	MS-RH/KA/P/R	45JU36
Smoke Detector Tester,		SL and RT Series				Remote Key Test Station		Omono Botootoro		
Aerosol with Nozzle	_	Smoke Detectors	TG-25	00 4	I5JU53	with LED Indicating Alarm,	_		MSR-50RK/W	45JU57
Carbon Dioxide Detector		SL-701 Series or oper	n			Pilot and Trouble				
Tester, Aerosol	_	area CO Detectors	'' TG-70)1 4	I5JU54	Remote Key Test Station with				
		All APC Duct				LED Indicating Alarm, Pilot	_		MSR-50RKAV/W/C	45JU35
Sectional Sampling Tube, Pk. 3	1 to 8	Smoke Detectors	FAST T	JBE 4	I5JU30	and Trouble Sounder Strobe				
		Ciliono Dottottoro								

Duct

Duct Smoke Detectors System Sensor



Feature 4-wire photoelectric integrated low air flow technology and versatile square or rectangular mounting. 415F91 has an integrated smoke test port and the sampling tube is durable corrosion-resistant steel. Innovative tube allows easy, toolless installation from the front or back of the detector.



Item	Width (ft.)	Ambient Temp. Limits (°F)	Air Vel. (fpm)	For Use With	Mfr. Model	Item No.			
Photoelectric Duct Smoke Detectors									
Universal	_	-4° to 158°	100 to 4000	_	D4120	2GWK9			
Smoke Detector	_	-4° to 158°	100 to 4000	All System Sensor Remote Test Accessories, Fire Alarm Panel	DUCTSD	415F91			
Photoelectric, Watertight	_	-4° to 158°	100 to 4000	_	5CGZ1	5CGZ1			
Accessories									
Multi Signaling Unit		14 to 140	_	D4120W, Mfr. No. D4120	RTS2-AOS	5CGZ2			
Multi Signaling Unit	_	14 to 140	_	D4120W, D4P120, D4S, Mfr. No. D4120	RTS2	35Z779			
Photoelectric Power Board	_	-4° to 158°	100 to 4000	Mfr. No. D4P120, RTS2, DST Sampling Tubes	D4P120	35Z776			
Photoelectric Sensor	_	-4° to 158°	100 to 4000	Mfr. No. D4P120, RTS2, DST Sampling Tubes	D4S	35Z775			
Sampling Tube	Up to 1ft	_		D4120W, D4S, Mfr. No. D4120	DST1	35Z777			
Sampling Tube	1 a 2	_	_	D4120W, D4S, Mfr. No. D4120	DST1.5	2GWL2			
Sampling Tube	2 a 4			D4120W, D4S, Mfr. No. D4120	DST3	2GWL3			
Sampling Tube	4 to 8	_		D4120W, D4S, Mfr. No. D4120	DST5	2GWL4			
Sampling Tube	8 to 12	_	_	D4120W, D4S, Mfr. No. D4120	DST10	35Z778			
Strobe Light	_	14 to 140	_	Mfr. No. RTS2	AOS	35Z780			

Duct Smoke Detectors

Edwards

Systems continuously sample air flow within the HVAC duct and alert of combustion activity within the duct to help prevent smoke from circulating throughout the duct system.

FOR 4-WIRE SMOKE DETECTOR SYSTEMS

Base Controller and Sensor with RJ45 Connections 1EYB5—Duct

smoke detector comes with a Detector Assembly and a Controller in separate housings to ease access to either the detector or controller without disturbing the other device. Detector Assembly has a standard RJ45 modular interconnection and a standard sampling tube with mounting holes. Controller can be interconnected to up to 15 controllers and a single controller can accommodate up to 2 detector assemblies. They

also have standard connections to ease coupling to other compatible detectors.

Base Controller 16X427 and Sensor 16X434—Allow connectivity via an RJ45 connection for a complete duct smoke detector system.

Base Controller 16X428 and Sensor 16X435—Models allow connectivity via a wire terminal for a complete duct smoke detector system.

FOR 2-WIRE SMOKE DETECTOR SYSTEMS

Base System with Integrated Sensor 16X425—Unit includes a

Smoke Sensor with differential sensing for reliable and stable sensitivity. Detector Assembly has a sampling tube that can be installed with or without the cover in place and can be rotated in 45° increments.



16X425

Ambient



	Description		lem Limits		Air Vel. (fpm)	Mitr. Model	Item No.	
	r 4-Wire Smoke Detector Systems	S						
	ase Controller and Sensor		-20 to	158	100 to 4000	SD-4W.I	1EYB5	
	ith RJ45 Connections				100 10 1000			
	ase Controller with RJ45 Connection	on	-4° to		_	SD-CJ	16X427	
S	ensor with RJ45 Connection		-4° to	158°	100 to 4000	SD-SJ	16X434	
В	ase Controller with Wire Terminal (Connection	-4° to	158°	_	SD-CT	16X428	
S	ensor with Wire Terminal Connecti	on	-4° to	158°	100 to 4000	SD-ST	16X435	
Fo	r 2-Wire Smoke Detector Systems	S						
В	ase System with Integrated Sensor	r	-4° to	158°	100 to 4000	SD-2W	16X425	
		L				Mfr.	Item	
	Description	(in.)	Fo	r Use	With	Model	No.	
Ac	cessories							
Ke	eyed Remote Test Station	2 in	Mfr	No C	D 4W/I	en TDV4	1EVC1	

Description	L (in.)	For Use With	Mfr. Model	Item No.
Accessories				
Keyed Remote Test Station for 4-Wire System	2 in	Mfr. No. SD-4WJ	SD-TRK4	1EYC1
Magnetic Remote Test Station for 4-Wire System	2 ¾ in	SD-4WJ	SD-TRM4	16X442
Keyed Remote Test Station for 2-Wire System	2 ¾ in	SD-2W	SD-TRK	16X440
Magnetic Remote Test Station for 2-Wire System	2 ¾ in	SD-2W	SD-TRM	16X441
Magnet Trigger required for Magnetic Remote Test Stations	_	SD-2W, SD-4WJ, SD-SJ, SD-ST	SD-MAG	16X430
	5 ft	SD-4WJ, SD-CJ, SD-SD	SD-RJ5	16X433
4-Wire RJ45 Wiring Harness	10 ft	SD-4WJ, SD-CJ, SD-SD	SD-RJ10	16X431
	15 ft	SD-4WJ, SD-CJ, SD-SD	SD-RJ15	16X432