



DUCT SMOKE DETECTORS

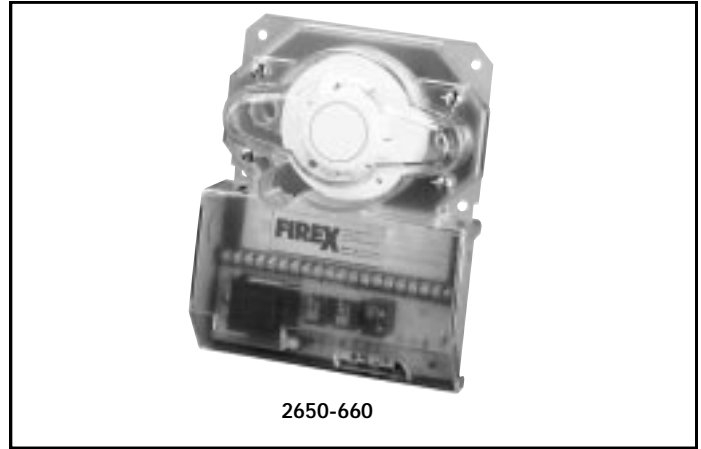
2650-600 SERIES



Firex® duct smoke detectors provide early detection of smoke and products of combustion present in air moving through an HVAC duct. These devices are designed for prevention of smoke recirculation in areas by the air handling systems. Fans, blowers, and complete systems may be shut down in the event of smoke detection. Our universal voltage models will operate on any one of four input voltages (230 VAC, 115 VAC, 24 VAC or 24 VDC).

These units are available with either an ionization detector head or a photoelectric detector head. Each duct smoke detector contains two form "C" alarm contacts and one form "C" trouble contact. Duct smoke detector mounting is accomplished by using a mounting template and four sheet metal screws. Sampling tubes are available in three separate lengths and must be ordered separately.

All units are UL listed and mount easily to round or rectangular ducts. Units are reset by using the manual test/reset switch on the front of the detector or by using a remote reset station. UL 50 listed, NEMA 3R weatherproof enclosure which can be used in appropriate outdoor or indoor applications for protection from the elements.



2650-660

ORDERING DATA

UNI-LINE ORDER NO.	DESCRIPTION
2650-660	DUCT SMOKE DETECTOR IONIZATION MODEL
2650-661	DUCT SMOKE DETECTOR PHOTOELECTRIC MODEL

SAMPLING TUBES

UNI-LINE ORDER NO.	DESCRIPTION
532	SAMPLING TUBE FOR 6" TO 2.5' DUCT WIDTHS
533	SAMPLING TUBE FOR 2.5' TO 5.0' DUCT WIDTHS
534	SAMPLING TUBE FOR 5.0' TO 10.0' DUCT WIDTHS

REPLACEMENT PARTS

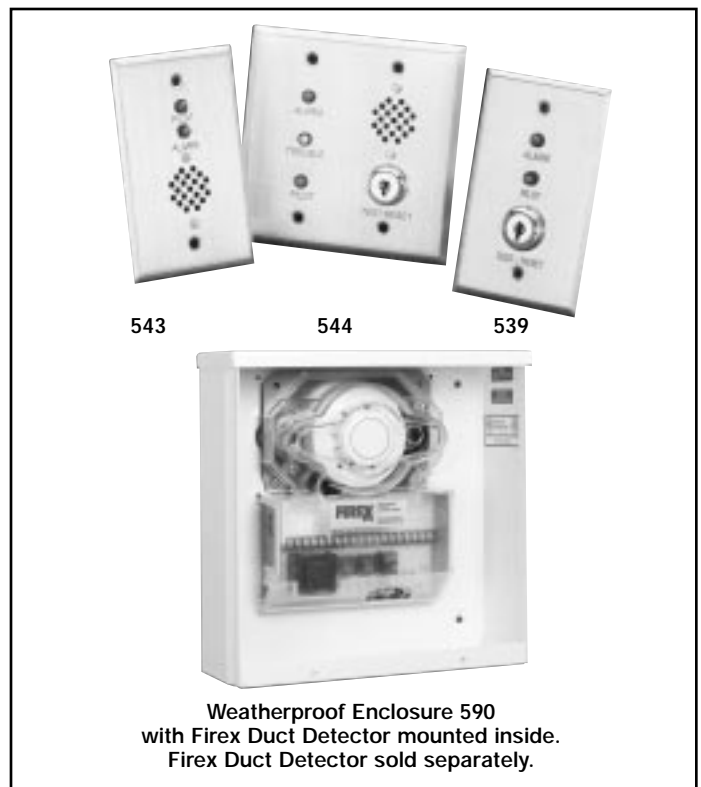
UNI-LINE ORDER NO.	DESCRIPTION
2850-250	REPLACEMENT IONIZATION HEAD
2850-350	REPLACEMENT PHOTOELECTRIC HEAD

ACCESSORIES

UNI-LINE ORDER NO.	DESCRIPTION
535	REMOTE ALARM LED (RED)
536	REMOTE ALARM LED (RED), AND PUSH-BUTTON TEST/RESET SWITCH
537	REMOTE ALARM LED (RED), PILOT LED (GREEN), AND PUSH-BUTTON TEST/RESET SWITCH
538	REMOTE ALARM LED (RED), KEY-OPERATED TEST/RESET SWITCH
539	REMOTE ALARM LED (RED), PILOT LED (GREEN), AND KEY-OPERATED TEST/RESET SWITCH
540	REMOTE ALARM LED (RED), AND PILOT LED (GREEN)
541	REMOTE ALARM HORN
542	REMOTE ALARM HORN, ALARM LED (RED), PILOT LED (GREEN), AND KEY-OPERATED TEST/RESET SWITCH
543	COMBINATION OF 540 AND 541
544	REMOTE ALARM HORN, ALARM LED (RED), TROUBLE LED (YELLOW), PILOT LED (GREEN), AND KEY-OPERATED TEST/RESET SWITCH
545	HORN/STROBE ACCESSORY RED/CLEAR COVER
546	HORN/STROBE ACCESSORY WHITE/OPAQUE COVER
547	HORN/STROBE ACCESSORY WHITE/CLEAR COVER
590	WEATHERPROOF ENCLOSURE

SPECIFICATIONS

Operating voltage	115 VAC/230 VAC/24 VAC/24 VDC
Power requirements	115 VAC @ 5 mA standby, 15 mA alarm 230 VAC @ 12 mA standby, 16 mA alarm 24 VAC @ 20 mA standby, 50 mA alarm 24 VDC @ 20 mA standby, 50 mA alarm
Relay contact rating	Alarm contacts, two form "C" 10 A @ 230 VAC resistive Trouble contacts, one form "C" 5 A @ 230 VAC resistive
Radioactive element	2650-560 only, Americium 241; 0.9 Micro-Curies
Ambient temperature limit	2650-660 -5°F to 155°F 2650-661 -5°F to 120°F
Humidity	10% to 85% Relative Humidity
Air duct velocity	500 to 3,000 feet per minute
Dimensions	9" H x 7" W x 2.25" D
Weight	4.0 lbs.
Approval	UL, ULC, CSFM, City of LA, City of NY MEA



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544

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Weatherproof Enclosure 590
with Firex Duct Detector mounted inside.
Firex Duct Detector sold separately.