

FIREX

Duct Smoke Detectors



2650-760 Series Duct Smoke Detectors



FireX®, the recognized leader in fire protection, brings you the latest in duct smoke detection technology. 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. Air sampling is accomplished by two tubes, which protrude into the duct. An exhaust tube of one standard length (7") is provided with each FireX Duct Smoke Detector. Intake sampling tubes, which must be ordered separately, are available in three standard lengths. Duct smoke detector mounting is accomplished by the use of a mounting template and two sheet metal screws.

Operating Voltage: 115 Volt AC, 230 Volt AC, 24 Volt AC, or 24 Volt DC

Power Requirements: 115 Volt AC operation @ 5 mA standby, 15 mA alarm, 230 Volt AC operation @ 12 mA standby, 16 mA alarm, 24 Volt AC operation @ 20 mA standby, 50 mA alarm, 24 Volt DC operation @ 20 mA standby, 50 mA al

Relay Contact Rating: Alarm contacts, two form "C" rated at 10 Amps @ 230 VAC resistive one form "A" rated @ 2 Amps; Trouble contact, one form "C" rated 10 Amps @ 230 VAC resistive

Sensitivity: Factory set

Approval: Underwriters Laboratories Listed (UL 268A), CSFM and MEA Accepted

Humidity Range: 10% to 85% Relative Humidity

Material: Gray plastic backbox, clear plastic ABS-94VO cover

Maximum net weight: 3.0 pounds

Mounting: Template and mounting hardware supplied

Dimensions: 4.5" H x 13.5" W x 2.25" D (11.4 cm H x 34.3 cm W x 5.7 cm D)

Mfg Part No	Description	Radioactive Element	Air Velocity (ft/min)	Ambient Temp (F)
2650-760	Ionization Model	Americium 241; 0.9 micro-curies	100-4000	32-158
2650-761	Photoelectric Model		100-4000	32-140

Remote Accessories

FireX Remote Accessories are designed for use with the FireX duct smoke detectors to provide audible and visual indication as well as remote test/reset functions. These devices are constructed of brushed stainless steel and mount on a standard single or double gang backbox.

Mfg Part No	Description	Compatible with
565	Smoke test canister with testing nozzle	2650-760/761

Sampling Tubes

Mfg Part No	Description	Duct Width	Compatible with
552	Notched sampling tube	6.0" - 2.5'	2650-760/761
553	Notched sampling tube	2.5' - 5.0'	2650-760/761
554	Notched sampling tube	5.0' - 10.0'	2650-760/761

Contact your local Meier Supply branch for pricing!

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
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