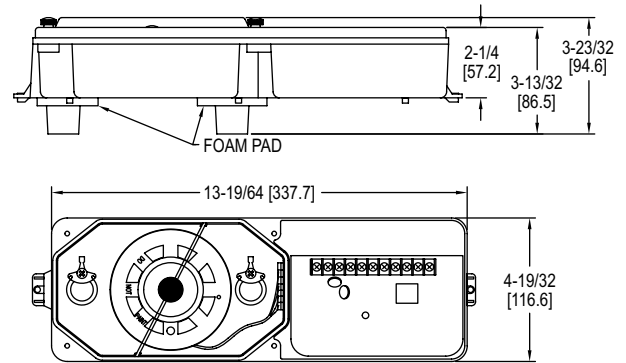


DUCT SMOKE DETECTOR

Early Smoke Detection in HVAC Systems



The **Model SL-53546-021K Duct Smoke Detector** is crucial for early detection of smoke and products of combustion present within HVAC ductwork. This model can be utilized in many different types of applications including commercial, industrial, and residential. The unit is designed to not only alarm when smoke is detected, but will also utilize relays to disable fans and blowers. The model comes complete with technician friendly “No-Tools Required” features to make installation and servicing simple and efficient.

BENEFITS/FEATURES

- Operates in air speeds of 0.5m/s to 20m/s
- Standard sampling tube supplied for ducts up to 540 mm
- Transparent cover to view detector head LED
- Patented “No-Tools Required” front or rear loading and removing sampling/exhaust tubes
- Integrated smoke test port

APPLICATIONS

- Early smoke detection in ductwork
- Commercial/Industrial/Residential HVAC
- BAS automation

SPECIFICATIONS

- Sensor Type:** Photoelectric.
- Air Velocity Range:** 0.5 m/s to 20 m/s.
- Ambient Temperature:** 0°C to 60°C.
- Humidity Limits:** 10-85% RH (no condensation).
- Power Requirements:** 9 to 33 VDC.
- Electrical Rating:** 1 set form “C” rated at 10 A resistive @ 115 VAC.
- Electrical Connections:** Screw terminals.
- Enclosure:** Grey plastic backbox, clear plastic cover (Makrolon® 94V-0).
- Enclosure Rating:** IP10.
- Weight:** 2.5 lbs.
- Approvals:** CE, LPCB, VdS, DIBt, BOSEC, FG, CPR and SBSC.

MODEL CHART	
Model	Description
SL-53546-021K	Standard duct detector for the CE markets, photoelectric sensing technology

ACCESSORIES	
Model	Description
55000-316	Series 65 optical sensor (replacement head with CE rating)
FAST TUBE	Polycarbonate sampling sectional tubing, bag of (3) 24” tubes
TG-2500	Test gas for duct smoke detectors