

Feature and Benefits

- Simple & Compact Design
- Anti-Corrosion duct detector housing
- Transparent Lid for easy observation
- Excluding Optical Detector
- Adjustable Sampling tubes on site
- Customize sample tube is available upon request



Overview

A HVAC system supplies conditioned air to virtually every part of a building. Any smoke introduced into this air duct system is thus spread to the entire building.

The Duct Probe is designed such that samples of air passing through the duct are constantly monitored by the inside Optical Smoke Detector. When sufficient smoke is sensed, an alarm signal is initiated at the Fire Alarm Control Panel monitoring the detector, and appropriate action can be taken to shut off fans and blowers and change over air handling system, etc. This can isolate toxic smoke and fire gases or prevent their distribution throughout the areas served by the duct system.

Technical Specification

Duct Probe

Housing Material	Polystyrene
Lid Cover	Transparent Polycarbonate
Internal Mounting Plate	Galvanized Steel Plate
Sampling tubes (Standard Supplied)	Inlet: Diameter: 20mm; Length: 700mm Aluminum pipe Outlet: Diameter: 20mm; Length: 500mm Aluminum pipe
Colour	Beige
Duct Probe Dimension	240 mm L x 122mm W x 75mm H
Smoke detector	Not included

Operating Environment

IP Rating	IP65
Temperature	-10°C~+85°C
Relative Humidity	≤95%, non-condensing

Duct Probe Details

