

DUCT DETECTORS

DESCRIPTION

The Duct detector unit is designed for use with an optical detector and base. The unit is supplied complete with air sampling tubes and full instructions including a template for fitting to a duct. The detectors and bases are supplied separately.

APPLICATION

The air-sampling chamber is fitted outside the duct. Air passes through the chamber via the inlet and exhaust tube. Smoke is detected by the optical detector that is fitted in the chamber.

INSTALLATION

It is important that duct detectors are located at a point in the duct that is not subject to turbulent air flow i.e. avoid bends, inlets and changes of section. It should be located a distance of at least three ducts width from a cause of turbulence. Do remember that the detector locates smoke in the duct not the origin of the smoke. Therefore, where ducts or inlets combine each should have its own detector.

MAINTENANCE

A test hole with removable plug is available for testing the detector and unit. Do remember ducts are repositories for dust so regular maintenance of duct and detector is essential for trouble free use.

SPECIFICATION

Duct width range	300mm to 1500mm
Duct air speed range	1m/s to 20m/s
Temperature range	-20°C to 60°C
Dimensions of sampling chamber rim	188mm ² x 132mm depth
Weight	1.3kg

ORDER CODE

CODE	DESCRIPTION
P11576	Duct probe (detectors not included)