

Adaptors for duct applications

Duct application smoke detector enclosure

International standards and codes recognize the role heating and ventilation ducts play in the diffusion of smoke, toxic gases and flames throughout a building. Therefore in places where air ducts might assist the spread of flames and smoke it is necessary to take steps to safeguard the premises. One of the main aims of duct-smoke detection is to minimize the propagation of smoke and thus reduce the risk of panic, injury and even damage to property. An efficient fire detection system allows fast response and INIM's fire block range of products offers you everything you need to make you air duct system fully fire responsive.



EBDDH



DDH-BRKT



DDH-Cover

EBDDH - Universal adaptor for duct installation

Houses all types of detector (analogue or conventional). The detector base (not included) fits inside and is secured firmly in place by means of two screws (included). A practical terminal board makes wiring easy. It provides early warning of smoke by continually sampling air movement within heating and ventilation ducts in industrial and commercial buildings. Based on the Venturi principle, this device has been designed to operate with an optical smoke detector and adequate length air-sampling tube. It operates at an air velocity of between 0.5m/s to 20m/s.

TV - Air-sampling tube

The air-sampling tube is available in two different lengths: 0.6m and 1.0m extension. It should be chosen in accordance with the width of the duct concerned. The sampling tube must traverse at least 90% of the duct. If the duct is wider than 60cm, the sampling tube must traverse the entire duct. **Installation** - the aluminium sampling tube can be easily shortened to adapt to the duct. The diameter of the hole for the air-sampling tube is 38mm.

Air-flow monitoring -The adaptor is fitted with a red plastic tongue which indicates the air flow to the detector and thus provides confirmation that there is no leakage and that the air flow from the duct is passing through the housing.

DDH-BRKT - Mounting bracket for circular ducts

This device fits to circular ducts and provides a flat mounting surface for the EBDDH.

DDH-COVER - Weatherproof cover

This cover is required when the EBDDH unit is installed outdoors.

- Single tube air-sampling system
- New design sampling tube
- Test hole on cover on
- Easy installation
- Air flow indicator
- Filter to reduce dust and other deposits on the detector
- Efficient service and easy maintenance
- Easy mount sampling tube
- Compatible with analogue and conventional systems
- Mounting brackets for circular ducts

Technical specifications

DDH dimensions (without tube)	180x183x235mm
DDH weight	700g
Sampling tube length	0,6-1,5-2,8m
Air velocity	0,5/20ms

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EBDDH: universal tube adaptor.

TV06N: 0.6m sampling tube.

TV06N-EXTEND: 1.0m extension sampling tube.

DDH-BRKT: mounting bracket for circular ducts.

DDH-COVER: weathertight cover.

DDH204: set of spare gaskets on.

DDH F1/10: dust filter.