



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.

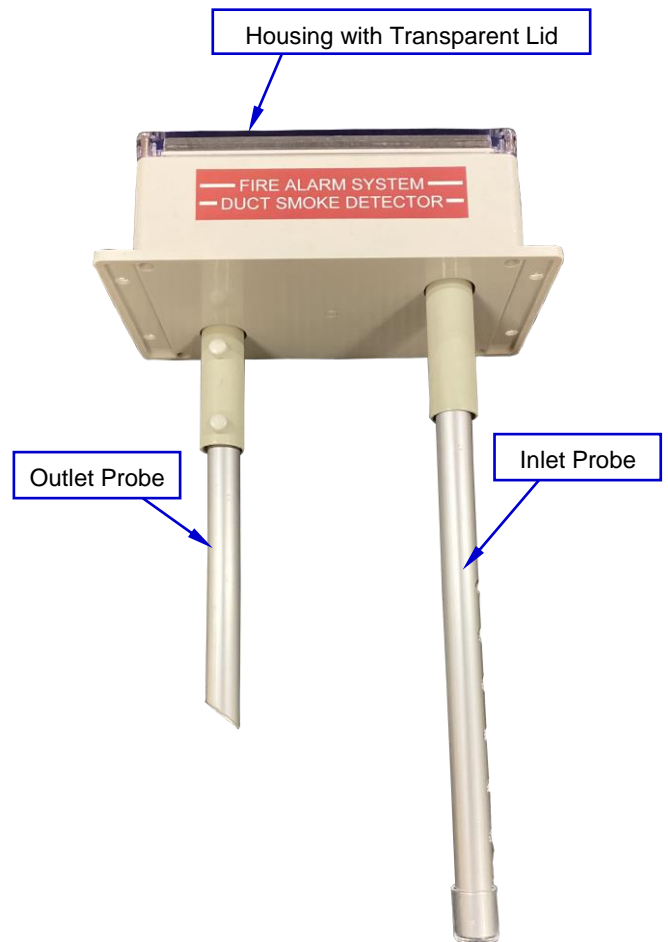
The Duct Detector housing is designed such that samples of air passing through the duct are constantly monitored by the Smoke Detector within. When sufficient smoke is sensed, an alarm signal is initiated at the Fire Alarm Control Panel monitoring the detector, and appropriate action can be taken to 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.

### Features :-

- **Simple & Compact Design.**
- **Corrosion-Free Housing.**
- **Transparent Lid for ease of Maintenance.**
- **Size to fit most EN standard Detectors.**
- **Customization available upon request.**
- **Optional Relay Output Card available for Remote Monitoring.**
- ***Dimension of Duct to be provided at the time of Purchase, for the Probe to be factory pre-cut.***



**Duct Detector Housing, Model : DET- DDH-02**  
*(Optional : Smoke Detector to be ordered separately)*



Technical Specifications :-	
Housing Material	Polystyrene
Colour	Beige
Lid	Transparent Polycarbonate
Internal Mounting Plate	Galvanized Steel Plate
Inlet Probe	Ø20mm Aluminum Tube
Outlet Probe	Ø20mm Aluminum Tube
Weight	0.9 kg (Excluding Probe)
IP Rating of Housing	IP65

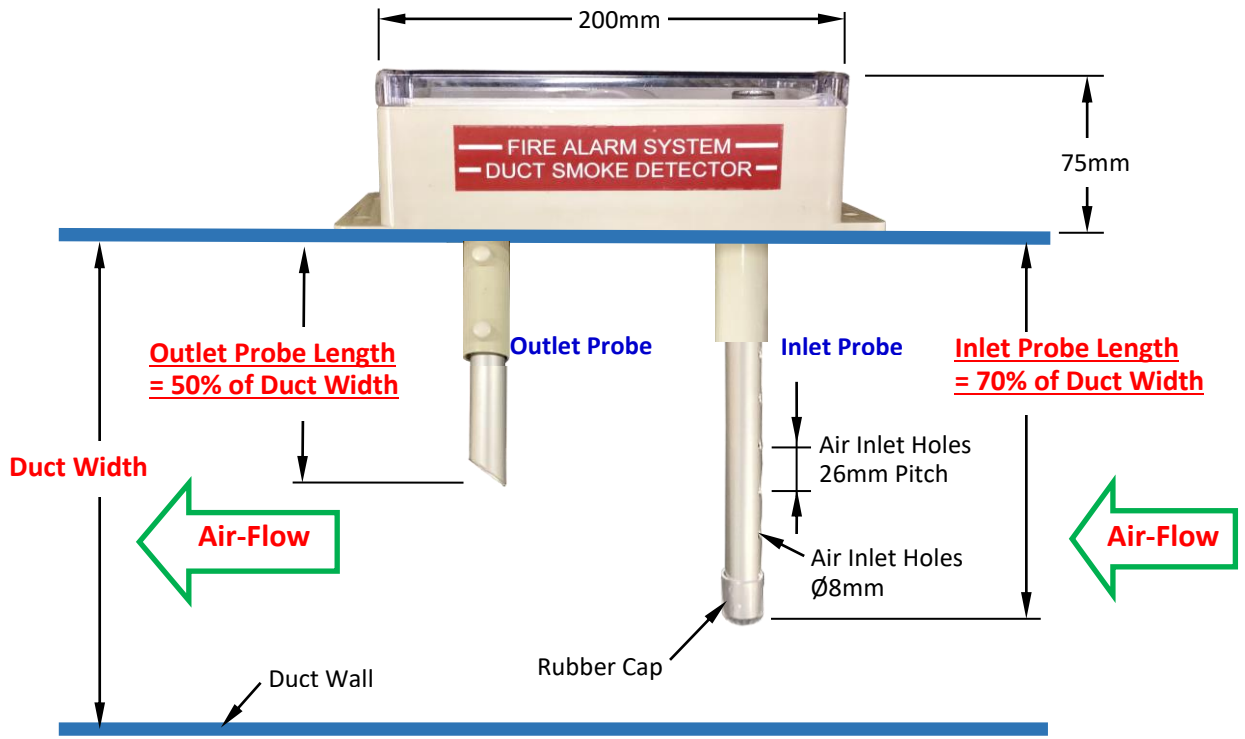
### Multron Systems Pte Ltd

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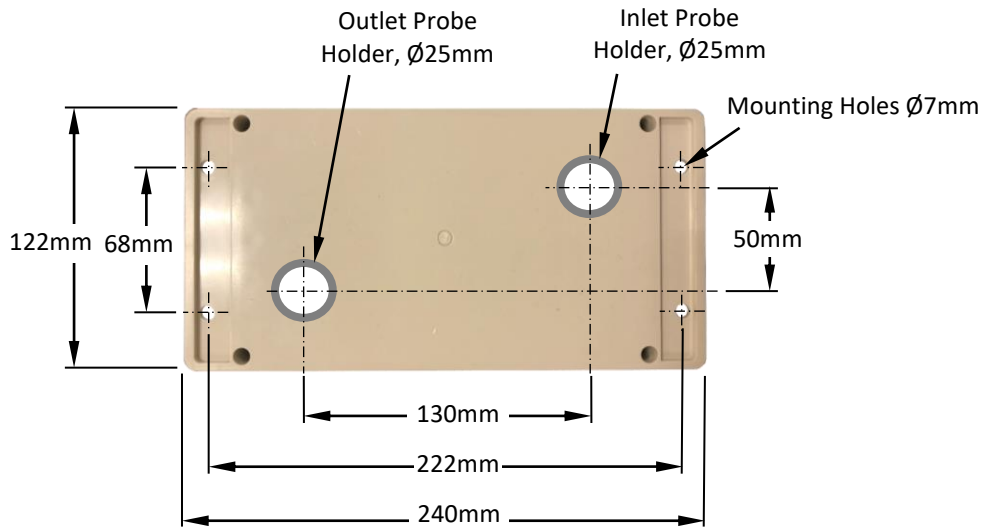
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**Typical Sectional View of Duct Detector Housing Mounted onto Air Duct**



**Bottom View of Duct Detector Housing**

**Optional :-**  
Smoke Detector DET-C631  
c/w Base DB6

**Optional :-**  
Relay Output Card  
MP-1902



**Top View of Duct Detector Housing**  
**(c/w Optional - Smoke Detector & Relay Card)**

**Typical Wiring Schematic for**  
**Optional - Relay Output Card MP-1902**