



Product Data Sheet

FHSD8525

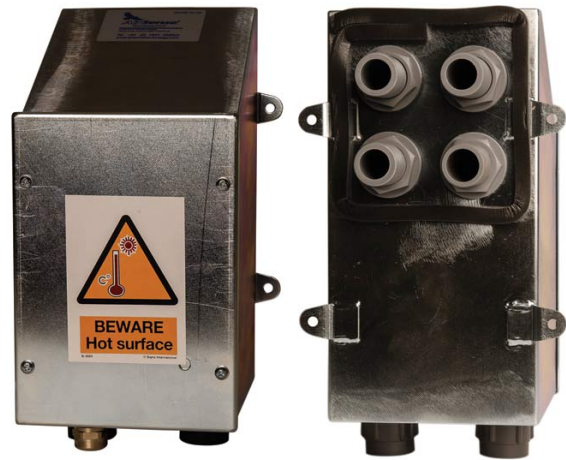
Air heater for FHSD8xxx range

Description

The Air Heater Box is designed to raise the temperature of the air drawn from a very cold environment by passing it across a heating element before it passes into the detector. In this manner, the problem of condensation on sampling pipework external to the protected area is minimised. Warming the air sample will also ensure the components of the detector operate within the specified temperature tolerances, and it reduces the possibility of surface condensation.

Overview

The FHSD8xxx range of High Sensitivity Aspirating Smoke Detectors are suitable for installation within an area only if the ambient temperature is expected to be above 0°C (the minimum operating temperature of a FHSD8xxx detector is typically -10°C: check the specification of the particular detector in question). Where the air temperature in the protected area is consistently below this temperature, it is imperative that the detector is mounted outside the protected area, in an environment where the temperature meets that specified for the detector. However, the sampled air from the protected area must be conditioned before it is passed into the detector.



Standard Features

- Suitable for cold stores / cold rooms
- Multiple sampling inlets

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Specifications

Supply	
Voltage	220 Vac / 50 Hz
Current	1.1 A (max)
Environmental	
Operating temperature	-10°C to +60°C
Relative humidity	0 to 90% (non condensing)
Mechanical	
Size	172mm (W) x 300mm (H) x 212mm (D)
Weight	2.8 Kg
Cable entries	1 x M20
Sampling pipework	
Inlets	4
Diameter	27 mm OD
Outlets	2
Diameter	27 mm ID

Ordering Information

Part No.	Description
FHSD8525	Air heater for FHSD8xxx range

