fireray®



1060-00
Anti-Condensation Heater

The **Fireray One** Anti-Condensation Heater has been designed to be used in environmental conditions where condensation affects the operation of optical beam smoke detectors.

Condensation occurs when the surrounding air is at a higher temperature than the surface that it comes in contact with. As air contains water, in the form of vapour, this will deposit on the cooler surface thus forming condensation.

The design of the Fireray® Anti-Condensation Heater utilises forced air which results in a circulating current of warm air maintaining the detector lens at an incrementally higher temperature than the surrounding air. The heater will reduce the likelihood of condensation forming on the lens which, in turn, reduces the potential for false alarms.

Anti-Condensation Heater Bracket



Features

- Bespoke bracket to ensure optimum performance or heater
- Designed to prevent the build-up of condensation
- For use in temperature controlled storage areas and cold environments
- Order heater separately

Technical Specification

Operating voltage:	24 V AC/DC
Power consumption at 24V:	20 W
Maximum in-rush current:	3 A
Steady-state current at 24V:	0.8 A (Typical)
Operating temperature:	-10°C to +45°C
Recommended fuse rating:	T2A
Connections:	4 leads (2 for heater & 2 for fan)
Average temperature increase of lens above ambient:	10°C
Weight:	9.7oz (275g)

ffe
Protecting Lives

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