

SERIES 200 plus

Heater Base
Model B524HTR

**Product Overview****Features**

- Improves resilience to condensation
- Consists of 300 ohms of surface mounted resistors
- 4 Watts of heating power at 28VDC
- AC supply can be used, maximum 4 Watts power
- Terminals capable of accepting 2.5mm² cable
- Total depth of only 36mm
- Compatible with all Series 200 plus sensors

**Description**

The B524HTR is a two wire heated base. Designed to be used when environmental conditions mean frost or condensation may build in the detector's chamber and cause false alarms. The heater base raises the temperature of the detector by a few degrees in order to avoid the build up of the condensation or frost in the chamber.

The heat delivered through the PCB heats the detector using convection air flows.

Architect/Engineer Specifications

B524HTR Heater Base

Electrical Specifications

Max Power to Heating Elements

4W

Equivalent Heating Resister Value

300 Ohm

Power Delivered

$$P = \frac{V^2}{R}$$

Environmental Specifications

Operating Temperature Range

-30°C to +60°C

Operating Humidity

10% to 93% Relative Humidity
(non-condensing)

Mechanical Specifications

Height

36mm

Diameter

103mm

Weight

92g

Wire Gauge for Terminals

0.5mm² – 2.5mm²

Note: Mounting to mounting boxes with a hole spacing between 21(2”) and 60mm. Screw size less than 4.5mm diameter.

System Sensor Europe (Technical Services)
Charles Avenue
Burgess Hill
RH15 9TQ
United Kingdom
Tel: +44 (0)1444 238820
Fax: +44 (0)1444 248123
sse.technical@systemsensoreurope.com
www.systemsensoreurope.com

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