



# SMOKE ALARMS

## Data Sheet



# RHA10RF

10 year lithium battery RF wireless heat alarm

### Key Information

|                        |                      |
|------------------------|----------------------|
| Product brand          | Red Smoke Alarms     |
| Product or component   | Heat Alarm           |
| Device application     | Activates at 55-59°C |
| Electronic sensor type | Thermistor sensor    |
| Colour                 | White (RAL 9003)     |
| Quantity per set       | Set of 1             |
| Type of packing        | Carton               |

### Complementary

|                        |   |
|------------------------|---|
| Supply                 | 3V DC Sealed Battery  |
| Battery Type           | Lithium Battery   |
| Battery Life           | 10 Year   |
| Operating Current      | < 100mA at 3V   |
| Standby Power          | < 0.04 mW   |
| Detection Type         | Thermistor - Activates at 55-59°C   |
| Function Available     | Hush Function<br>Self-test of fire detection<br>Local alarm                         |
| Control Type           | Button for test/ hush function  |
| Transmission Frequency | 433.92 MHz  |
| Number of Devices      | Up to 40 pieces   |
| Operating Distance     | 30m indoor use line of sight<br>100m in free field                                  |
| Pairing delay range    | 30 seconds  |
| Response time          | Approx. 1s  |
| Noise level            | 85 dB at 3m minimum   |
| Time delay range       | 10 min for hush   |
| Local Signal           | Sound : Alarm<br>Sound : Signal<br>Visual : 1 LED (red for warning and low battery) |
| Type of Installation   | Indoor  |
| Device Mounting        | Surface   |
| Mounting Support       | Wall-mount<br>Ceiling   |
| Fixing Mode            | By screws   |
| Diameter               | 83 mm   |
| Height                 | 42 mm   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.

Neither Red Smoke Alarms PTY. LTD nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                                       |   |
|---------------------------------------|---|
| Ambient Air Temperature for Operation | -10°C...40°C  |
| Relative Humidity                     | 5...95%   |
| Standards                             | AS1603.3:2018   |
| Aucillary Device                      | R10RF<br>RHA10RF<br>RHA240SL (when fitted with RHARFM)<br>R240 and R240RC (when fitted with RWB)<br>RAC |



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