

5800SMOKEV

Wireless Smoke/Heat Detector

5800SMOKEV is 3V lithium-powered, photoelectric multi-criteria detector that has a built-in wireless transmitter capable of detecting smoke, heat, rate-of-rise and low temperature.

The 5800SMOKEV meets UL 268 7th Edition requirements, which provides early detection, while also reducing nuisance alarms from everyday cooking. The 5800SMOKEV has improved detection of smoke from common synthetic materials found in many modern home furnishings, which typically burn faster and hotter.

This comprehensive detector is particularly ideal for hard-to-wire locations or where hazardous materials exist, and features a small, sleek design for locations where aesthetics are of utmost importance. The built-in sounder provides clear, audible annunciation during potential incidents and low battery conditions.

The 5800SMOKEV is compatible with any Resideo Security Control System that supports 5800 technology (VISTA®, ProSeries) and utilizes either a 5800 style RF receiver or the PROTAKEOVER module.



5800SMOKEV

Features & Benefits

- **Minimize Nuisance Alarms**
Mathematical calculations smooth out short term spikes from dust/smoke and drift compensation adjusts the detector's sensitivity to minimize false alarms
- **Easy-to-Install**
Sturdy, versatile mounting base and quick battery pull tabs allows for hassle-free installations
- **LED Status Indicators**
Easily visible LEDs indicate power, sensor trouble, alarm and low battery status
- **Supports High/Low Maintenance**
Monitors the smoke chamber and alerts when maintenance is needed
- **Quickly Check Unit Functionality**
Easily accessible test button to check unit functionality
- **Residential and Commercial Applications**
Meets both residential and commercial installation requirements

Technical Specifications

Fixed Temp Heat Detection:

135 °F (57 °C)

Rate-of-Rise Detection:

> 104 °F @ 15 °F/min
(>40 °C @ 8.33 °C/min)

Low Temperature Alert:

41 °F (5 °C)

RF Supervision Interval:

60 to 70 minutes

RF Frequency: 345 MHz**Installation Location:** Indoor use only**Tamper Mode:** Base**Sounder Output:** 85 dBA at 10 ft (3 m)**Air Velocity, max:**

1,000 ft/min (304.8 m/min)

Power Source:

3V CR123A lithium batteries (Qty 2)

Battery Life:

5 years (typical use)*

Operating Voltage: 2.5 to 3.6 V DC**Standby Current, max:** 10 µA**Alarm Current, max:** 35 mA**Operating Temperature Range:**

40 °F to 100 °F (4 °C to 38 °C)

Humidity Range:

95% RH max., non-condensing

Maximum Spacing:

50 ft x 50 ft (15 m x 15 m)

Dimensions (diameter x depth):

4.74 in x 2.31 in (120 mm x 59 mm)

Weight (without batteries):

5.8 oz (164 g)

Approvals:

FCC/IC

Conforms to UL 268 (7th edition)

Certified to ULC S529

CSFM

Units are intended to be installed**in accordance with NFPA 72**

*Battery life may vary by use

Accessory

COVERPLATE (sold separately)

- Use when replacing an existing smoke or heat detector with a diameter larger than the 5800SMOKEV detector
- Improves aesthetics by covering up any old paint color or holes from existing installs
- Gasket minimizes airflow from larger holes and reduces the chance of stack effect that could interfere with detector performance



COVERPLATE



5800SMOKEV with COVERPLATE

Ordering

5800SMOKEV	Wireless Smoke/Heat Detector
COVERPLATE	Mounting Plate to Cover Holes

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