

MODEL 300/301/302 PHOTOELECTRIC SMOKE DETECTOR



OVERVIEW

The Models 300/301/302 are state of the art wireless addressable photoelectric smoke detectors, which incorporate a unique protocol not produced by other manufacturers. The Model 300 provides an internal 85db temporal horn for smoke detector applications, requiring signal point audibility and annunciation. The Model 301 offers tandem activation of multiple detectors making this product the first commercially listed wireless smoke detector to offer this feature. The Model 302 is a No-audible smoke detector for use in common areas. In addition to the performance features, the Models 300/301/302 are supervised for low battery, tamper and 200 second polling. They also provide for the first bi-directional communication between the transmitter and smoke detector, allowing for hardware fault supervision of the detector itself.

The Models 300/301/302 utilize FHSS (Frequency Hopping Spread Spectrum) signaling technology, assuring the most secure and reliable network.

Both cost effective and easy to install, the low profile Models 300/301 incorporate a built in transmitter and sounder. All comply with UL 268 and may be used in both commercial and residential applications, and are also listed for open area protection. The Model 301 tandem smoke detector is typically used for high-rise residential and hotel applications.



FEATURES

- **UL 268**
- Automatic Drift Compensation
- Tandem Operation
- Hardware Fault Supervision
- Precise Field Sensitivity Diagnostics
- Pre-Alarm Maintenance Signal
- Pre-Low Battery Signal 48 Hour Prior to Horn Chirp
- Field Replaceable Chamber
- Operated on Single 3 Volt Lithium Battery
- Temporal Code 3 Sounder
- Low Profile
- 900 MHz Band FHSS Transmission Format

UL Listed

NFPA Approved

CSFM Approved

NY Fire Department Approved

FIRE DETECTION TECHNOLOGY. RE-INVENTED.

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SPECIFICATIONS

- Battery Type: 3 Volt Lithium Duracell DL123A
- Battery Life: 12 Months Minimum
- Battery Replacement: Upon Low battery report and/or during annual maintenance
- Tamper Switch: On base
- Sounder: 85db at 10' temporal pattern
- Reset: Automatic
- Sensitivity: 2.0% nominal
- Testing: Follow this manual and NFPA 72 or local requirements
- Low battery threshold: 2.7V
- Transmission: Complies with FCC Part 15
- Test Transmission: 200 Second Supervisory Polling
- Compatibility: Commercial Wireless Systems International, LLC Model CP-300/301/3020

Mounting base diameter 5.30" | Weight 6.4 oz.

