

345 MHz, Wireless Rate-of- Rise Heat Sensor

HDX-135-345



OVERVIEW

Interlogix® HDX series wireless rate-of-rise and fixed-temperature sensors offer an effective fire safety solution for environments like a kitchen or utility room that have a high likelihood of rapid fire development, or where optical smoke detectors cannot be used due to high dust conditions, such as in a laundry room, garage or attic. These sensors are designed to monitor the room temperature and activate an alarm if the temperature gets too high or increases rapidly.

The Interlogix HDX wireless series sensors use electronic processing and a learn-mode wireless transmitter to detect both heat conditions. The microprocessor trips the transmitter when the temperature at the sensor location reaches a fixed-temperature of 135°F (57°C) and senses a rate of rise in temperature of 12°F to 15°F (6.7 to 8.3°C). Upon activation, the rate-of-rise and fixed-temperature HDX-135-345 sensors self-restore, once the alarm condition has been removed.

When selecting a location on the ceiling for the heat sensor, do not place it in the direct path of hot or cold airflow. Refer to the detector specifications for the recommended maximum spacing. Detection response time may be shortened by reducing the space between detectors.

Specifications

Rate-of-Rise Rating	12° to 15°F (6.7° to 8.3°C)
Operating Temperature	135°F (57°C); 32°-100°F (0-37°C)
UL Max. Ambient Ceiling	100°F/150°F (37.8°C/65.6°C)
Storage Temperature	-30 to 167°F (-34° to 75°C)
Relative Humidity	0 to 95% noncondensing
Battery Type	CR123A
Battery Life	10 years, typical
Frequency	345 MHz (crystal-controlled)
Supervision Interval	62-68 minutes
Maximum UL Spacing	50 ft. (15.2 x 15.2m)
Operating Humidity	5-100% noncondensing
Weight	4.0 oz.
Dimensions	Diameter: 2.29 in. (58.25mm) Height: 1.28 in. (32.4mm)
Color	White
Regulatory	UL521, CAN/ULC-S530, CSFM, FCC, IC

STANDARD FEATURES

- Compatible with Honeywell and 2GIG wireless receivers
- UL/ULC-listed
- Ideal for environments with high dust or likelihood of rapid fire development
- Capable of detecting multiple heat events
- 10-year battery
- Magnet initiated alarm output test
- Mounting bracket included
- Three-year warranty

Ordering Information

HDX-135-345	135°F (57°C) Rate-of-Rise Heat Sensor, 345 MHz Wireless, Compatible with Honeywell and 2GIG Wireless Receivers
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