

# RATE OF RISE SENSOR

## GENERAL INFORMATION:

The Rate of Rise Sensor can be placed up to 2000 feet away from the **tattletale™** base unit depending on structures and objects in-between the sensor and the **tattletale™**. A temperature increase of 15°F or more per minute activates the rate-of-rise feature and transmits an alarm to the **tattletale™**. Additionally, if the ambient temperature rises above 194°F, the fixed temperature element will activate, the center disk will fall free from the sensor, and will transmit an alarm to the **tattletale™**. It can effectively detect change of heat in an area up to 2,500 ft. It will operate at temperatures from -22°F to 150°F. The 3V CR123A battery included with the Rate of Rise Sensor will typically last 2-3 years.



## IMPORTANT:

**YOUR **tattletale™** BASE UNIT DOES NOT NEED TO BE ARMED TO SEND AN ALARM FROM ANY FIRE SENSORS, INCLUDING YOUR RATE OF RISE SENSOR.**

**PLEASE CALL 1-888-835-5668 TO PLACE YOUR ACCOUNT ON TEST BEFORE TESTING OR SERVICING YOUR RATE OF RISE SENSOR IN ANY WAY. FAILURE TO DO SO CAN CAUSE DEPLOYMENT OF THE FIRE DEPARTMENT.**

## Mounting Instructions:

Use the mounting tabs on the box (screws not provided) to attach the Rate of Rise Sensor to the ceiling. The best location for the sensor is at a high point where heat will build. The recommended mounting height is 15-16 ft. Higher ceilings can adversely affect detection time. Mount no further than 25 ft from any wall or projection extending more than 12 inches down from the ceiling. When mounting multiple Rate of Rise Sensors, it is recommended that they be spaced 50 ft apart. When selecting the location on the ceiling for the Rate of Rise Sensor, DO NOT locate in the direct path of hot or cold air flow, this may affect the sensitivity of the sensor and/or cause alarm events.

## General Troubleshooting

If there is a rapidly flashing zone light on the **tattletale™** base unit that corresponds to the zone of your Rate of Rise Sensor you will need to check 5 areas:

1. Check that the sensor's battery is above 2.9 volts, if not replace.
2. Check that the sensor's battery hasn't been dislodged. If it has been dislodged, insert battery and press the blue RESET button.
3. Verify that the sensor is within range of the **tattletale™** base unit.
4. There may be damage to the sensor that would require repair or replacement.

**If the sensor was exposed to temperatures above 194°F, the center disk will fall free from the sensor and the sensor will need to be replaced.**

## Testing the Rate of Rise Sensor

Because your **tattletale™** base unit does not need to be armed to send alarm signals from fire sensors, testing your Rate of Rise Sensor can cause the Fire Department to be deployed. To avoid this situation, **please call 1-888-835-5668 to put your account on test, and to be guided through the process of testing your Rate of Rise Sensor by a technical services representative.**

The Rate of Rise Sensor is subject to reduced sensitivity over time. Annual testing of the sensor is recommended.

**For instructions on changing the battery, see reverse page.**

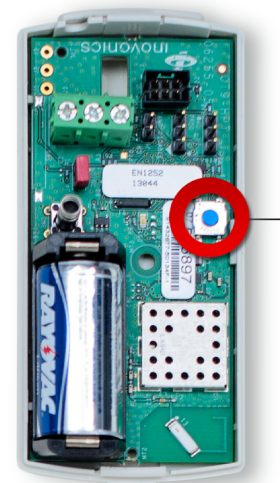
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### Follow these steps to change the battery:

- Loosen the screws on the back of the body of the sensor and remove the back plate.
- Apply firm but gentle pressure to the top of the transmitter inside the body of the sensor to remove the cover from the transmitter.
- Locate and replace the CR123A 3V battery. Be sure to orient the battery so that the positive (+) and negative (-) ends of the battery line up with the markings inside the battery housing.
- Press the black RESET button (Fig. 1), located just to the right of the battery housing. Reassemble the sensor and call 1-888-835-5668 to put your account on TEST to test your Rate of Rise Sensor.

Fig. 1



RESET BUTTON