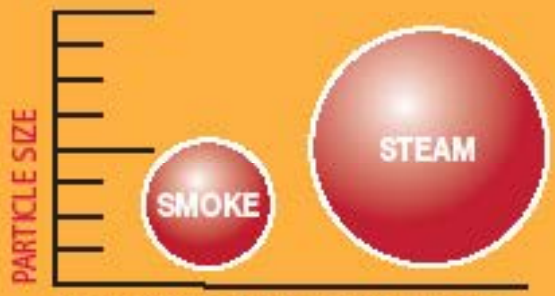
Shhh hhh!

Smoke Sensing Technology Reduces Nuisance Alarms

The technology in TruSense represents a more sophisticated detection methodology. As particles enter the chamber, the size of the particles is analyzed by a series of algorithms and consolidated into ratios to determine if the particles stem from a real fire or a nuisance source. This innovative approach was developed by Kidde engineers using advanced design principles and the Kidde state-of-the-art fire test room.



Kidde's solution to meeting the new fire tests is to utilize technology that can differentiate between particle sizes. The size of smoke particles typically associated with nuisance cooking are very small, while other nuisance sources such as steam have particle sizes that are relatively large.

Kidde is providing customers with the latest in smoke alarm technology, building on a 100-year legacy of fire and life-safety innovation. The new TruSense sensors will enhance the protection of people and property by minimizing nuisance alarms and providing residents with more time to react. NFPA statistics show that the majority of people who die annually in residential fires in the United States live in homes with no smoke alarms or no working smoke alarms. Studies have found many of the alarms didn't work due to being disabled by residents annoyed by nuisance alarms.

Benefits of UL 217 Certified Smoke Alarms

- Meets new UL fire test requirements for flaming and smoldering polyurethane
- Meets new UL fire test requirements for prevention of cooking nuisance alarms
- A single combination smoke and carbon monoxide alarm provides less maintenance than two alarms

TRUSENSE
Advanced Smoke Detection Technology