

# safe T sensor™

## Prevent Microwave Fires and False Alarms.

### HOW SAFE T SENSOR™ WORKS?

Safe T Sensor™ is engineered to help prevent microwave fires and nuisance/false alarms by interrupting power to the microwave at the first sign of smoke.

- Auto shut off at first sign of smoke
- Auto reset
- LED indicator
- Easy to install



## False microwave alarms are a massively expensive problem for many facilities across America.

After studying the problem, Ohio University found they had more than 100 on campus false alarms annually, most from burnt food in microwave ovens. By installing Safe T Sensor, they were able to reduce that number by 92% and save more than \$2,000 in direct costs on every nuisance alarm by the local fire department.

### WHY CHOOSE SAFE T SENSOR™?

- Microwave ovens are involved in more than 7,000 building fires each year resulting in about 150 civilian injuries and \$31 million in direct property damage. Source: NFPA
- Microwaves used improperly and left unattended result in tens of thousands of false alarms, building evacuations, fire department responses and tenant apathy.

Safe T Sensor is a smart choice for colleges/universities, hospitals, seniors residences, hotels/motels and office buildings.

# safe T sensor™

## HOW SAFE T SENSOR™ SAVES MONEY?

### The Facts

- Microwave ovens are involved in more than 7,000 home structure fires every year.
- That's more than 19 fires every day!
- Microwaves are also responsible for more emergency room injury visits than any other cooking device.
- More surprising however, is magnitude of false fire alarm activations from microwave ovens.

(Source: NFPA)

### The Cost

False alarms, or nuisance alarms, are a massively expensive problem for many facilities – especially our nation's colleges and universities. Apart from wasting thousands of dollars, false alarms can also create very unfortunate behaviour risks. When people hear a false alarm too often, and consistently find there is no actual fire risk, they become conditioned to down-play future alarms or even ignore them altogether. As one Ohio University student put it:

“When I hear the alarm go off, I tend to shrug it off or sigh because it's almost never real.”

### The Study

Ohio University's Environmental Health and Safety Department (EHS) partnered with the local Athens Fire Department (AFD) to study the number of on-campus nuisance alarms and what was causing them. They found the AFD was responding to more than 100 on campus nuisance alarms annually; and most of them were caused by burnt food in microwave ovens! With each nuisance run costing more than \$2,000, Ohio University discovered they were spending more than \$200,000 annually because of false alarm activations from microwave ovens.

### The Solution

**Safe-T-Sensor™.** After installing thousands of Safe-T-Sensors on their on-campus microwave ovens, Ohio University saw a 92 percent drop in the number of false alarms activations. The investment literally paid for itself in no time.

“The investment in these sensors has reduced fire runs, response hazards, late night residence evacuations, interruption in study time and the cost of fire equipment operation, campus police and personnel required to investigate.”

(Brent Aufer, Fire Protection Engineer, Ohio University)

(To read more about the Ohio Case study, Safe-T-Sensor, or how other Pioneering products can help protect against cooking fires and save your building or facility money, please visit [pioneeringtech.com](http://pioneeringtech.com).

We help protect people and property.)