

SMARTBURNER: COOKING FIRE PREVENTION - MULTI-FAMILY

**STOP
COOKING
FIRES
BEFORE THEY
START**

**PREVENT THE FIRE
BY CONTROLLING
THE SOURCE.**

"Cooking has long been the leading cause of home structure fires and home fire injuries, as well as one of the leading causes of home fire deaths."

**PREVENTION
PAYS FOR ITSELF.**

Supported by national fire service leaders, installed in hundreds of thousands of private and institutional kitchens, Pioneering's SMART cooking fire prevention solutions provide:

- Outstanding ROI.
- Dramatically fewer alarms, nuisance calls, insurance claims and building repairs.
- Significant energy savings.

**SMARTBURNER™
SMART PRODUCT. SMART CHOICE.**

Every year, cooking fires cause more than \$1 billion in direct property damage*. Add in lost rent costs, restoration expenses and reputation loss, and cooking fires are a major problem for houses and multi-family apartment buildings everywhere.

SmartBurner™ features our patented temperature limiting control (TLC) technology™ which has been installed in over 300,000 housing units across North America – without a single reported cooking fire!

Cooking is the leading cause of all home fires, the leading cause of fire-related injuries, and the second leading cause of fire-related deaths.

SmartBurner helps save people and property. Tested, validated and endorsed by some of the most respected safety organizations, SmartBurner easily replaces electric coil elements and prevents the burner from

reaching the temperature at which most cooking oils and other household items ignite.

- Helps prevent cooking fires on electric coil stoves.
- Protects property and people.
- Installs in seconds.
- Universal fit.
- Easy to clean.
- Better cooking performance.
- Saves energy and money.
- Exceeds the new UL 858 60 standard for cooking oil ignition on electric coil stoves.

*Source: National Fire Protection Association

Established in 2008, Pioneering is North America's leading innovator and manufacturer of SMART cooking fire prevention products. Our mission is simple: To help save lives and property from the number one cause of household fire – cooking fires. Listed on the TSX Venture Exchange, we engineer and bring to market proprietary cooking fire prevention solutions for the majority of North America's more than 140 million stoves/ranges and microwave ovens.



PioneeringTech.com
PROTECTING PEOPLE & PROPERTY

SMART FIRE PREVENTION SMART PRODUCTS. SMART SOLUTIONS.

SMARTBURNER: COOKING FIRE PREVENTION FOR MULTI-FAMILY APARTMENT BUILDINGS.

“Pennrose, a premier real estate development and property management company with a portfolio of close to 16,000 multi-family apartments has specified the installation of SmartBurner in all of its new building and redevelopment projects.”

THE CHALLENGE

Multi-family apartment buildings are at the highest risk for cooking fires than any other type of building. 74% of all fires in multi-family residences are the result of cooking – that is nearly double the rate for other buildings. The vast majority of multi-family residences using electric stoves have electric coil stoves, which contribute disproportionately to cooking fires.

- Between 2013-15, an average of 109,700 multi-family residential fires were reported each year and for every reported cooking fire, another 30 to 50 are unreported.
- On average, these fires caused approximately 405 deaths, 3,975 injuries and \$1.4 billion in property loss annually.

**Source: Federal Emergency Management Agency (FEMA) and NFPA*

THE SOLUTION

SmartBurner helps save people, property and money. It easily replaces electric coil elements and exceeds the new UL 858 60A standard for cooking oil ignition on electric coil stoves. Just a few of the reasons why SmartBurner is the multi-benefit, multi-family apartment building solution for the cooking fire problem.

Budget SMART: SmartBurner is a proven and effective cooking fire prevention product that helps prevent the significant cleaning, restoration or replacement costs often associated with cooking fires. Tackling the problem of cooking fires also helps tackle the problem of costly fire alarm activations and results in less tenant disruption or injury related to building evacuations.

Code SMART: SmartBurner exceeds the new UL 858 60A standard for cooking oil ignition on electric coil stoves, as well as some city ordinances for temperature limiting control (TLC) technology on electric stoves.

Energy SMART: Reduced energy consumption with SmartBurner - scaled across an entire apartment building or dozens of apartment buildings - can mean significant energy cost savings.

Funding SMART: SmartBurner has been included in multiple FEMA and Housing and Urban Development grant and/or reserve budget applications as a key component of successful community risk reduction initiatives.

Insurance SMART: An increasing number of insurance companies are providing their customers valuable premium discounts on properties fitted with SmartBurner.

“There have been NO stovetop fires reported in any of the (802) project apartments in the 10 months following completion of the FY15 (SmartBurner installation) project and no complaints from residents. Fire department call volume due to stovetop fires has been reduced by 97% and there has been no need for costly renovations from stovetop fire damage to date!”

LT. ANNIE PICKETT, WORCESTER FIRE DEPARTMENT, WORCESTER, MASSACHUSETTS



NEVER LEAVE COOKING UNATTENDED
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