



**SAFE-T-ELEMENT® HELPS
PREVENT COOKING FIRES
BEFORE THEY START.**

WHY SAFE-T-ELEMENT®?

The **Safe-T-element®** cooking system was created to address one of the most serious problems in the household – stovetop-cooking fires. Stovetop cooking is the number one cause of household fires in North America.

Most fire safety products alert you to the fact that there is already a problem or help you suppress the problem. **Safe-T-element®** was engineered to help prevent these fires from starting in the first place.

FACTS:

- A kitchen fire occurs every 8 minutes in North America.
- Unattended cooking is responsible for over 70% of these fires.
- Cooking accounts for 42% of all apartment fires.
- Seniors are the most vulnerable to fire and are the highest risk group.
- Cooking is the leading cause of fire on college campuses.
- Ignition temperature for cooking oil is 370°C/698°F and household materials such as cotton and paper ignite between 400°C/752°F and 570°C/1,058°F.
- A burner on high reaches temperatures in excess of 700°C/1,291°F.

Source: NFPA

WHAT IS SAFE-T-ELEMENT®?

The **Safe-T-element®** cooking system is a patented product upgrade for electric coiled stovetops, engineered to help prevent cooking fires before they start while reducing the amount of electricity required to cook.

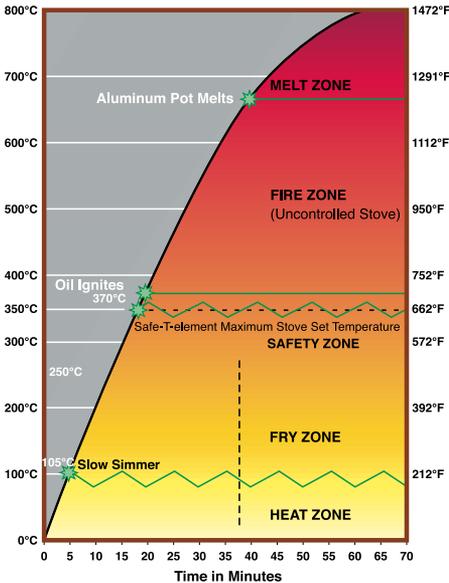
An element on high, red hot and unattended for even a short period of time is one that has reached a dangerously high temperature and is out of control. That amount of heat is never necessary. No one needs 700°C/1291°F when oil ignites at as low as 370°C/698°F.

Each **Safe-T-element®** is an electronically controlled solid cover plate that is installed on top of your existing stovetop burner. A patented control unit inside the stove controls the temperature of the plate cover allowing it to only reach a maximum of 350°C/662°F.

When the plate reaches a temperature of 350°C/662°F, it automatically shuts the stove off and conversely as it cools to just below 350°C/662°F the stovetop is turned on again. In this way the burner plate maintains a temperature of 350°C/662°F, more than enough for efficient and effective cooking, while not allowing household materials to ignite.



TEMPERATURE VS. TIME CHART



TESTIMONIALS

"Cooking equipment fires create the worst record for fires in the U.S. Safe-T-element® will reduce that unacceptable toll when installed in homes across America."

James F. McMullen,
Retired California State Fire Marshal

"Truly an amazing innovation providing essential safety for many of our clients."

Deborah Wright, Unlimited Choices,
Vancouver, Washington

"We experienced a grease fire that caused significant damage to an eight-unit apartment building. Fortunately there were no injuries. We recently installed 101 Safe-T-elements in our brand new apartment complex and another 320 at our Family Housing apartment complex at Evergreen Terrace. We never want to repeat this type of devastation again."

Glenn Stine, Associate Director of Housing Facilities,
Southern Illinois University, Carbondale

ADDITIONAL BENEFITS

In addition to fire prevention **Safe-T-element®** will reduce the amount of electricity required to cook because it controls the cooking process. So not only does **Safe-T-element®** protect tenants and properties but it will actually pay for itself over time.

In addition to fire prevention and energy savings Safe-T-element® also:

- Reduces cooking related fire claims and may reduce insurance premiums.
- Reduces the number and cost of potential false fire alarms.
- Is easier to clean and helps to extend the life of the burners and the stove.
- Won't burn food and scald pots and allows for better controlled cooking.

With **Safe-T-element®** enjoy the peace of mind that you will get knowing that your tenants and buildings are safer from the dangers associated with stovetop cooking and enjoy the benefits of lower monthly electricity costs.

Safe-T-element® is certified by CSA International to UL Std. 858 and CSA Std. CC22.2 No.61-08. **Safe-T-element®** has been awarded the Home Safety Council's Commendation Award for Product Innovation for Consumer Safety* and is endorsed by Washington Fire Chiefs, Virginia Fire Chiefs Association, North Carolina Association of Fire Chiefs, Housing Authorities Risk Retention Pool, Assisted Housing Risk Management Association and Social Housing Services Corporation.



Pioneering Technology Corp. is a member of NFPA, NAHRO/MSC, ONPHA, BCNPHA, ACUHO-I, AAHSA, NBNPHA and PHMA.

* Pioneering Technology Corp. is a recipient of the Home Safety Council's Commendation Award for Product Innovation for Consumer Safety for Safe-T-element®. Use of the Commendation Seal next to the product indicates that the Council has evaluated the Safe-T-element® based upon information furnished by the manufacturer and believes the product demonstrates an innovative use of safety features. The Council does not test or endorse any products.

Safe-T-element® is a trademark of Pioneering Technology Corp.



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