

CASE STUDY

ROCHDALE RIVERSIDE, LANCASHIRE

FIRECHIEF®

making the world a safer place



FIRECHIEF KITCHEN STOVE GUARD

SMART FIRE PREVENTION
SYSTEM INSTALLED
IN ROCHDALE TOWN
CENTRE APARTMENTS

Architect: Cartwright Pickard

Project Management: Genr8 Management Service

Planning Consultant: RPC Planning

Contractor: Wilmott Dixon

WHAT WAS THE NEED?

The Riverside development in Rochdale includes two nine storey apartment blocks comprising a mix of 240 one- and two-bedroom properties for private rent. The Rochdale town centre Riverside regeneration project also includes a 147-bedroom hotel and 43,000 square feet of office space.

The Fire regulations which apply to high-rise living accommodation meant that the kitchens in the apartments would require a fire suppression unit complete with sprinklers to be fitted. These units need to be installed and maintained by a specialist engineer and can also cause damage within a property should they be activated due to a fire. Therefore, the Firechief Kitchen Stove Guard was chosen as an alternative, unobtrusive design-led fire prevention solution.

THE SOLUTION

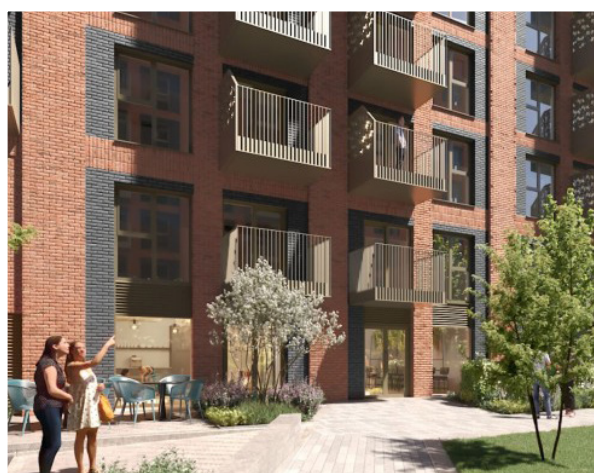
50% of all accidental house fires start in the kitchen. However, the Firechief Kitchen Stove

Guard provides a worry-free approach to managing cooker top safety without affecting normal cooking since it reacts to an alarm by turning the cooker's electricity supply off. The intelligent heat sensor in the Kitchen Stove Guard tracks the rate of increasing temperature, as a steeply rising temperature is an indication of a developing fire hazard.

HOW IT WORKS

The Firechief Kitchen Stove Guard is a device that works out when the temperature of cooking is too high (and therefore potentially hazardous) and turns off the source of ignition, effectively preventing kitchen fires before they start. This creates a safer home for the tenants and owners of flats and luxury apartments.

The Firechief Kitchen Stove Guard is a smart way to guard against kitchen fires because it responds before the formation of toxic gases



and before a fire is ignited. It will even cut off the electricity supply if the hob has been left on accidentally – the setting for this can be tailored to individual installations. The Cooker is reactivated simply by pressing the sensor button. The device works with induction hobs.



+44 (0) 330 999 0019



sales@firechiefglobal.com



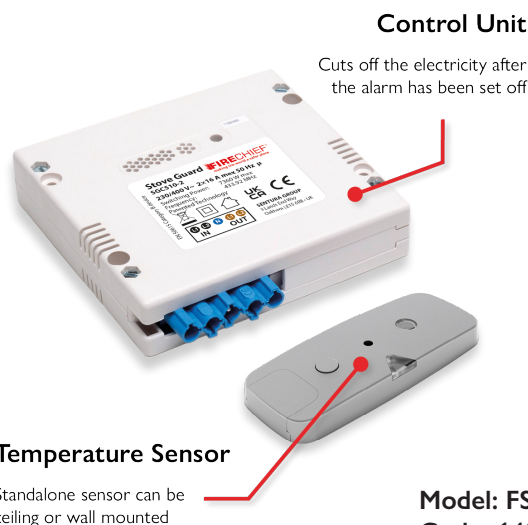
firechiefglobal.com

FIRECHIEF KITCHEN STOVE GUARD

SMART FIRE PREVENTION SYSTEM INSTALLED IN ROCHDALE TOWN CENTRE APARTMENTS

THE BENEFITS

- Sleek sensor design
- Intelligent fire safety technology which prevents fires long before they can start. The heat sensor activates the cooker switch when pre-fire conditions are detected instead of reacting to extinguish a fire once it has actually begun
- Easier and simpler installation, undertaken by the electrical contractors already working on site rather than a specialist fire suppression installation engineer
- Continuous 24/7 protection for peace of mind. The device monitors and adapts to the occupiers cooking style
- Automatic fault diagnosis constantly analyses the Kitchen Stove Guard's function when the hob is in use – no monthly testing
- Lower cost – less than half the cost of a fire suppression system No annual maintenance required
- No annual maintenance required
- Fulfils the requirements of Stove Guard Standard EN 50615
- 2-year warranty



Control Unit

Cuts off the electricity after the alarm has been set off

Temperature Sensor

Standalone sensor can be ceiling or wall mounted

Model: FSW1
Code: 140-0002



+44 (0) 330 999 0019



sales@firechiefglobal.com



firechiefglobal.com