GreenFire

COCINA
KITCHEN PROTECTION EXPERTS

FIRE SUPPRESSION SYSTEMS

PROFESSIONAL PROTECTION
WHEREVER THERE IS FIRE.

CE

bsi
Fire Extinguishing
Systems in
Commercial kitchens
KM 811421
KITEMARK™

BS EN 17446:2021 + A1 2024

COCINA

SAFETY ENGINEERED IN TÜRKIYE

The New Standard in Kitchen Safety: COCINA

> *"COCINA is a premium fire suppression brand, available through Green Fire, your authorized distributor and safety partner."*

By combining industrial precision with advanced chemical technology, we protect commercial kitchens, electrical cabinets, and heavy-duty vehicles, delivering long-lasting systems featuring premium chrome components.

Why COCINA?

bsi
Certified Safety
BS EN 17446:2021 + A1 2024 certification by BSI.

ECO Design
reinstallation and affordable maintenance.

Nature Friendly
Non-toxic and environmentally safe agents.

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AGENT TECHNOLOGY "FLAME KILLER"

Advanced Chemical Engineering

COCINA systems utilize "Flame Killer," a specially formulated wet chemical agent designed to combat grease fires (Class F). Based on high-performance Potassium Carbonate.

Technical Properties

Boiling Point	**108.9°C (Rapid Cooling)**
Chemical Base	**Potassium Carbonate**
Appearance	**Clear, Odorless**

pH > 11
High Alkaline

COCINA MECHANICAL - CM SERIES

Pure Mechanical Reliability

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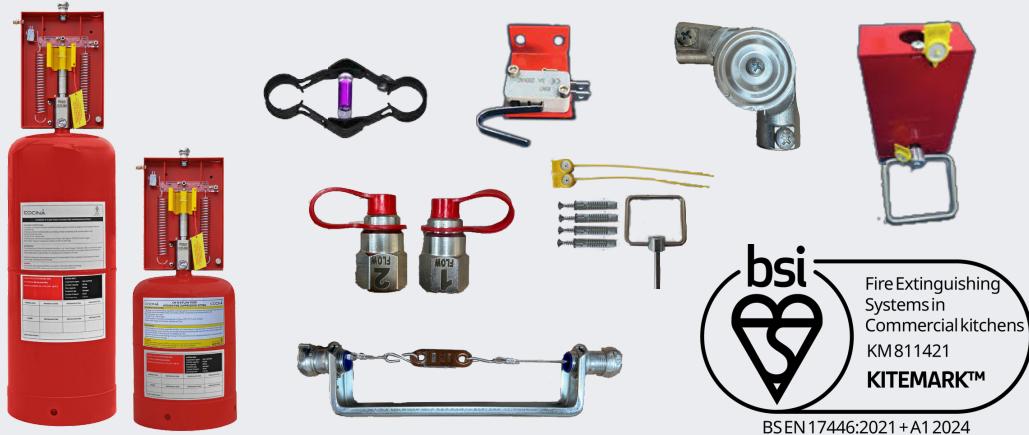
> *"The CM Series operates on a purely mechanical and hydraulic principle. It guarantees 100% activation reliability without relying on external power or pressurized cartridges."*

- Auto Activation (Thermo Bulb)
- Manual Pull Station
- Expands up to 5 Cylinders
- Gas Shut-Off Compatible

Model	Capacity	Flow Rating	Standart Kit
COCINA CM10	10 Liters	8 Flow	6pcs– 1 Flow Nozzles, 1pc 2Flow Nozzles, 1pc - Thermobulb, 5 pcs -Corner Pulleys, 1 pc - Pull Station, 1 pc - Microswitch
COCINA CM20	20 Liters	16 Flow	12pcs- 1 Flow Nozzles, 2pcs 2Flow Nozzles, 3pcs - Thermobulb, 8 pcs - Corner Pulleys, 1 pc - Pull Station, 1 pc - Microswitch

COCINA PNEUMATIC – CP SERIES
Sensor Tube Technology for Fast Detection

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> *"The CP Series utilizes a patented Thermoplastic Detection Tube that runs throughout the hood area. The moment a fire starts, the tube ruptures at the hottest point, instantly activating the system."*

- Continuous Detection: The entire tube acts as a linear sensor.
- Flexibility: No moving mechanical parts in the detection line.
- Standard Tech: Comes with a Pressure Switch for BMS integration.

Model	Capacity	Flow Rating	Standart Kit
COCINA CP10	10 Liters	8 Flow	6pcs– 1 Flow Nozzles, 1pc 2Flow Nozzles, Tubing, Cylinder Bracket
COCINA CP20	20 Liters	16 Flow	12pcs– 1 Flow Nozzles, 2pcs 2Flow Nozzles, Tubing, Cylinder Bracket

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COCINA ELECTRONIC - CE SERIES
Smart Integration for Modern Facilities

> "Designed for buildings requiring full integration with Fire Alarm Panels and Building Management Systems (BMS). It utilizes the D100 Electromechanical Detector."

D100 Electromechanical Detector

World's first commercially available electromechanical heat detector. Uses UL-listed Job bulbs (57°C - 182°C). Anodized Aluminum body suitable for harsh kitchen environments.

Model	Capacity	Flow Rating	Standart Kit
COCINA CE10	10 Liters	8 Flow	6pcs- 1 Flow Nozzles, 1pc 2Flow Nozzles, D100 Electromechanical Detector, Cylinder Bracket
COCINA CE20	20 Liters	16 Flow	12pcs- 1 Flow Nozzles, 2pcs 2Flow Nozzles, D100 Electromechanical Detector, Cylinder Bracket

WHY BS EN 17446:2021 + A1 2024
A Higher Standard of Safety Compared to UL 300

Deep Fat Fryers & Range Tops

ACCEPTANCE CRITERIA	UL 300	EN 17446
2-minute pre-burn	●	●
No reignition within 20 minutes	●	●
Flames smaller after 10 seconds		●
Some fuel must remain after discharge		●
No grease droplets 200 mm away	●	●

"COCINA systems are tested against the rigorous European Standard EN 17446, offering superior protection criteria."

Griddles & Broilers

ACCEPTANCE CRITERIA	UL 300	EN 17446
60-second prev-burn *	●	●
No reignition after 5 minutes	●	●
Flame extinguished upon complete discharge	●	●
Flames smaller after 10 seconds		●
Some fuel must remain after discharge		●

*Broilers pre-burn 30 or 60 seconds, depending on the type

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COCINA CABINET SHIELD
Direct Low Pressure (DLP) System

> *"A compact, standalone fire suppression system designed to protect electrical cabinets, server racks, and enclosed machinery."*

Micro-Environment Protection

Agent — **FK-5-1-12 (Clean Agent)**

Activation — **Turbing bursts at 100°C~110°C**

Pressure — **15 Bar Low-Pressure**

Model	Capacity	Application
CS-1	1 kg	Small Panels
CS-2	2 kg	Small Panels
CS-3	3 kg	Medium Racks
CS-4	4 kg	Medium Racks
CS-5	5 kg	Large Cabinets
CS-6	6 kg	Large Cabinets

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COCINA VEHICLE SAFER
Automatic Vehicle Fire Suppression System

"Native engineered protection designed for engines of buses, trucks, construction machinery, and marine vessels."

Micro-Environment Protection

Agent	**Special Wet Chemical**

Activation   **D100 Electromechanical detector**

Pressure   **15 Bar Low-Pressure**

Model	Capacity	Standart Kits
CS-4	5 lt	1 pc button, 4 pcs nozzles, 1 pc D100 dedector
CS-6	7.5 lt	1 pc button, 6 pcs nozzles, 1 pc D100 dedector
CS-8	10 lt	1 pc button, 8 pcs nozzles, 2 pcs D100 dedector
CS-16	20 lt	1 pc button, 16 pcs nozzles, 4 pcs D100 dedector

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Safety Engineered by

GreenFire

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