



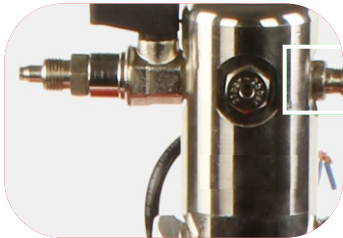
FOT[®] FIRE CONTROL

WET CHEMICAL AUTOMATIC KITCHEN FIRE SUPPRESSION SYSTEM



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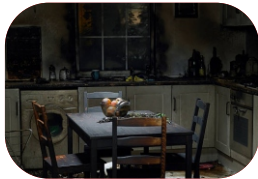
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1ST SECTION

COMPANY BRIEF



Over the years, FOT fire control has been involved in fire products designing, researching, joint development and manufacturing of broad range of world-class firefighting equipment and systems that have been meeting ever-changing and demanding industry standards.

We aim at offering firefighting products that meet all requirements and complexities; we manufacture an extensive range of products, including standard as well as customized solutions. Today, our products have been tried, tested and successfully accepted globally.

Our products serve many reputable oil and gas, petrochemical, manufacturing, industrial and power sectors in the world, providing an effective integration of product quality, efficiency in manufacturing, service excellence and expertise.

At FOT fire control, we operate from a position of integrity in all that we do and genuinely care about our product performance, our commitments, customer relationships and company's reputation.

2ND SECTION

BACKGROUND

Why we need this new product?



Statistics reveal that nearly 5,000,000 cooking fires occur annually in the home. Of these fires, grease fires are the most dangerous. The commercial kitchen is an integrated cooking center, the probability of fire here is greater than at home. Catering equipment fires can arise in numerous ways and are difficult to control.

Kitchen Automatic fire alarm systems always play a major role in loss prevention during a fire emergency. The basic purpose of an automatic fire system is to detect a fire in its early stages, notify people that there is a fire emergency and report the emergency to first responders.

3RD SECTION

PRINCIPLES OF SYSTEM

How this product works?

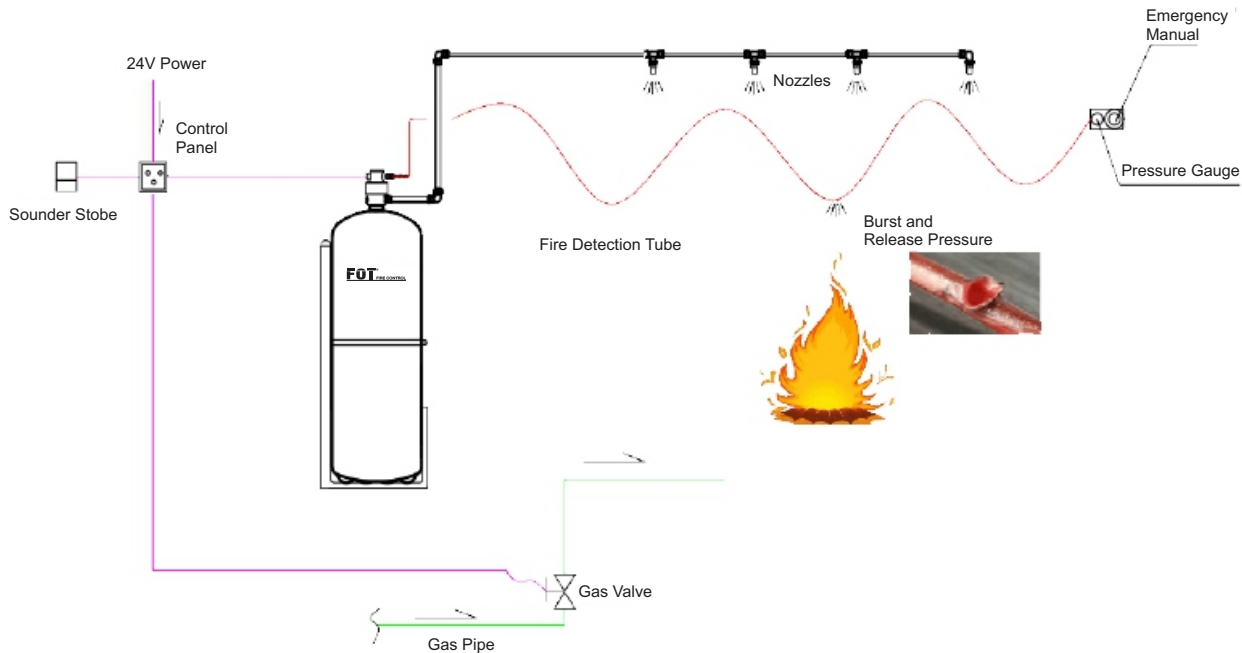


FOT kitchen fire suppression systems have been specifically designed to protect home/commercial kitchen and put out cooking fires caused by grease or grease-laden vapors (class F or class K fire) quickly and efficiently.

These self contained pneumatic systems require no external energy or power supply. Upon flame impingement or heat, the pressurised detection tubing will burst and activate the cylinder valve to open and release the extinguishing agent.

FOT kitchen fire suppression systems are specifically designed to extinguish fires fueled by grease and in a kitchen environment. They use wet chemicals in a fine mist to quickly extinguish fires and offer a quicker clean-up than dry chemicals.

PRODUCT DRAWING



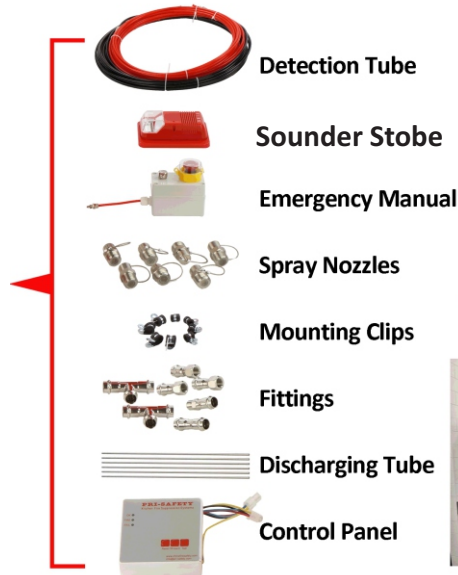
4TH SECTION

PRODUCT DETAILS

Specifications & Components

Items No.	FOTKFS-02	FOTKFS-06	FOTKFS-09	FOTKFS-12	FOTKFS-20	FOTKFS-25
Capacity	2L	6L	9L	12L	20L	25L
Out-Dia.(mm)	110	160	180	180	257	257
Cylinder Length(mm)	302	450	485	621	610	775
Volume(L)	3.8L	7.8L	10.5L	16L	27L	35L
Extinguishing Agent	Wet chemical	Wet chemical	Wet chemical	Wet chemical	Wet chemical	Wet chemical
Working Pressure(bar)	14bar	14bar	14bar	14bar	14bar	14bar
Test Pressure(bar)	27bar	27bar	27bar	27bar	27bar	27bar
Cylinder Material	SS304	SS304	SS304	SS304	SS304	SS304
Discharge Pipe	φ12mm SS304	φ12mm SS304	φ16mm SS304	φ16mm SS304	φ16mm SS304	φ16mm SS304
Certificate	CE marked	CE marked	CE marked	CE marked	CE marked	CE marked
Activation Temperature Detection Tube	170℃	170℃	170℃	170℃	170℃	170℃

PRODUCT COMPONENTS



5TH SECTION

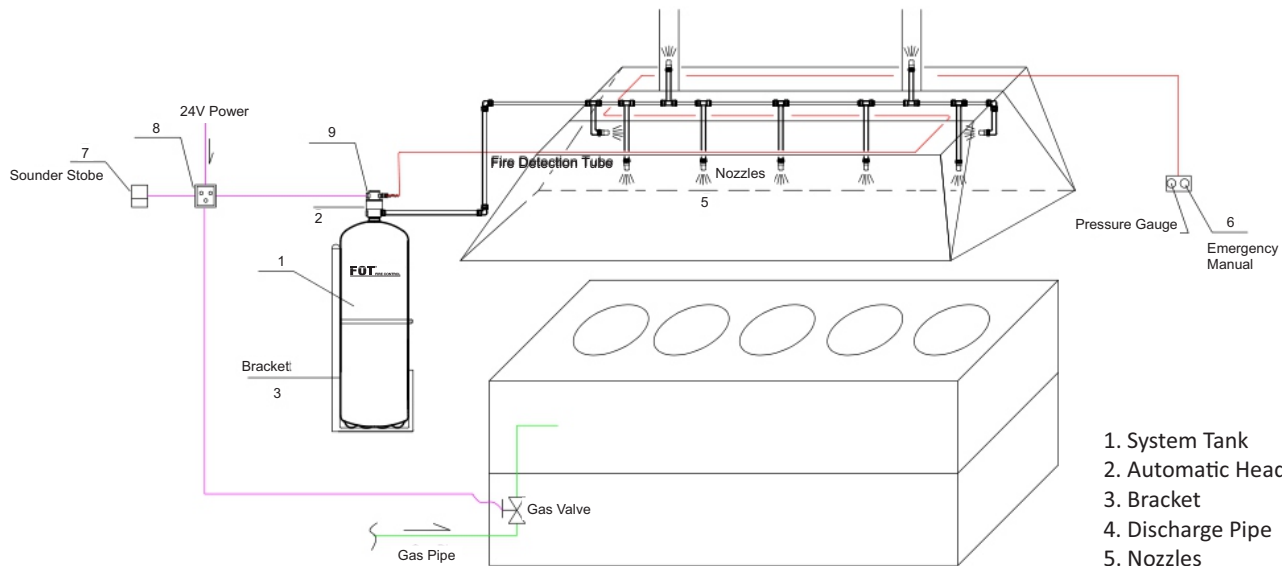
APPLICATION

How to choose the suitable capacity ?

- 2L For 1m Home Kitchen hood
- 6L For 2-3m Kitchen Hood
- 9L For 3-4m Kitchen Hood
- 12L For 4-5m Kitchen Hood
- 20L For 6-8m Kitchen Hood
- 25L For 8~10m Kitchen Hood
- Bigger capacity could be customized



INSTALLATION



1. System Tank
2. Automatic Head Valve
3. Bracket
4. Discharge Pipe
5. Nozzles
6. Emergency Manual Button
7. Sounder Stobe
8. Control Panel
9. Pressure Switch

6TH SECTION

ADVANTAGE

Why it is worth?

PRODUCT ADVANTAGE



Wet Chemical Automatic Kitchen Fire System

Simple, high quality and well engineered system. Easy to install.

- Fast, automatic actuation.
- Stainless steel pipework, fittings and nozzles to suit kitchen environments.
- Linear heat and flame detection, allowing for multiple of detection points. Flexible piping requirements.
- Remaining operational during power interruption
- Quick, easy clean up once appliances have cooled, the agent can be easily wiped away from equipment



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