

Al-Farraj Group (Black Tiger) Fire Protection

Welcome to Al-Farraj Group (Black Tiger) – A pioneering force in fire protection and safety for decades. Our expertise spans manufacturing and distribution of cutting-edge fire safety solutions.



Our Legacy of Protection



Established

Founded as a family business dedicated to fire safety and protection solutions.



Growth

Expanded into manufacturing premium firefighting equipment and alarm systems.



Global Reach

Developed strong presence across the Middle East, Europe, and Asia.



Innovation

Continuously developing advanced fire safety technologies and solutions.

AL-FARRAJ GROUP (BLACK TIGER)





BLACK TIGER

Our Commitment



Ultimate Mission

Protecting lives and property through innovative fire safety solutions.



Quality Assurance

Meeting highest international standards for all products.



Innovative Technology

Cutting-edge fire protection solutions for maximum safety.



Al-Farraj Group (Black Tiger): Our Manufacturing Arm

Global Recognition

Globally recognized manufacturer of fire protection equipment and systems.

Certified Excellence

Products undergo rigorous testing to meet global fire safety standards.

International Reach

Solutions trusted across Africa, Southeast Asia, the Middle East, and Europe.

International Certifications



EN3

European fire
extinguisher
standards
compliance.



NFPA

Meeting U.S. fire
protection
regulations.



UL & FM

Guaranteeing
safety and
performance
standards.



ISO 9001

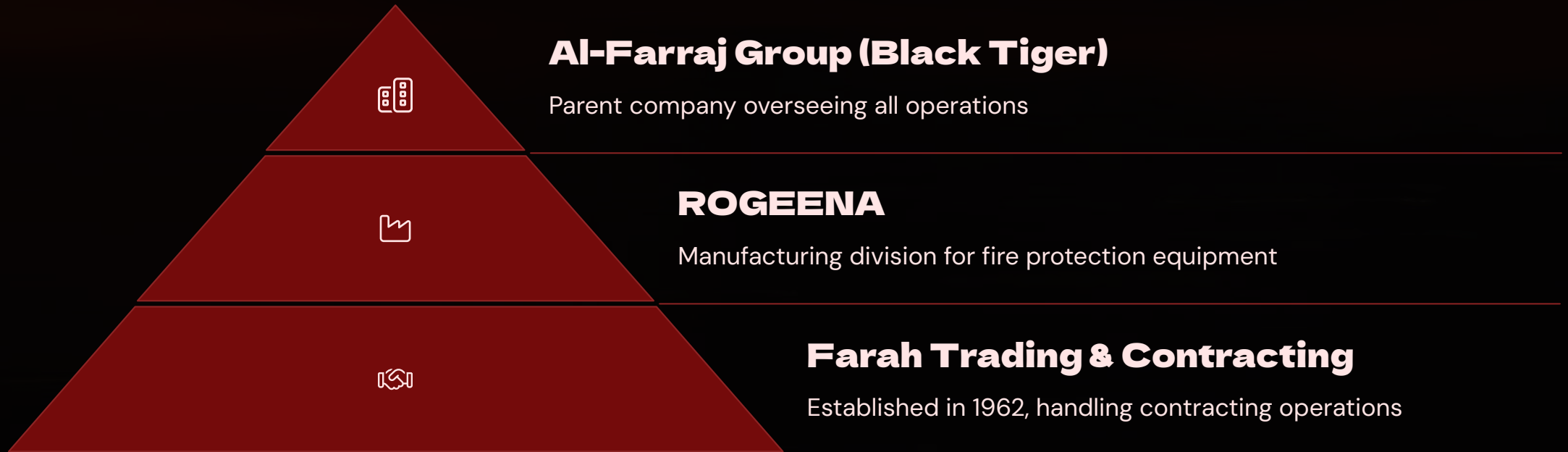
Ensuring quality
management
excellence.



Our Comprehensive Product Range



Company Structure



Our Expertise

Industry Experience

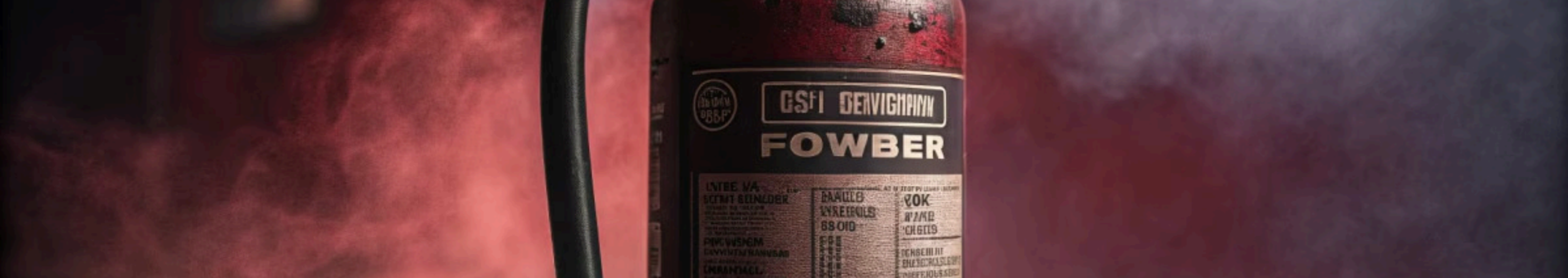
Over 20 years in the fire protection equipment industry with highly trained experts.

Quality Commitment

All products tested and certified to meet or exceed industry standards for reliability.

Customer Service

Dedicated support team available to answer questions and provide assistance.



Fire Extinguisher Range: Dry Powder



Premium Certification

BSI, LPCB, and UL certified for maximum reliability and performance.



Versatile Protection

Suitable for petrol, oil, gas, electrical equipment, and freely burning materials fires.



Quality Construction

High-quality polyester paint finish with rechargeable design for easy servicing.

Portable Dry Powder Extinguishers

7

Size Options

Available in 1kg, 2kg, 3kg, 4kg, 6kg, 9kg, and 12kg capacities.

3

Fire Classes

Effective against Class A, B, C fires.

10+

Years Service

Long-lasting with proper maintenance.


**AL-FARRAJ
GROUP**
BLACK TIGER



Dry Powder Extinguisher Features

Premium Formula

Monoammonium phosphate based dry chemical agent for effective fire suppression.

Certified Quality

Cylinders comply with EU PED Directive (2014/68/EU) for safety.

Performance Design

Unique gauge testing system with controlled discharge for reliable operation.

Easy Maintenance

Rechargeable and simple to service for long-term reliability.



Mobile Dry Powder Extinguishers



Heavy-Duty Protection

Available in 25kg, 50kg, and 100kg capacities for larger fire risks.



Maximum Performance

High fire rating due to premium ABC powder formulation.



Robust Construction

Cart and cylinder made of rugged steel for extreme conditions.



CO2 Fire Extinguishers



Specialized Protection

Non-conductive and ideal for electrical fires, computers, and sensitive equipment.



Residue-Free

Leaves no residue after discharge for minimal cleanup.



Effective Coverage

Effective for Class B and C fires in various settings.



Multiple Options

Available in portable and mobile versions for different applications.

Portable CO2 Extinguishers

Premium Design

Seamless steel body with high-quality polyester paint finish for durability.

Safety Features

Swivel horn with no-freeze burn protection and pressure relief disc.

Multiple Certifications

Kitemark, LPCB, CE, and Marine approvals available for different applications.

Foam Fire Extinguishers

Versatile Protection

Ideal for fires involving flammable liquids and freely burning materials.

Size Options

Available in 3L, 6L, and 9L portable units for different needs.



AFFF Formula

6% Synthetic Aqueous Film-Forming Foam for effective suppression.

Fire Classes

Effective for Class A and B fires in various settings.

Mobile Foam Extinguishers



Heavy-Duty Protection

Available in 50L, 100L, and 135L capacities for larger fire risks.



Maximum Performance

High fire rating with 6% AFFF foam formulation for effective suppression.



Certified Quality

Kitemark and LPCB approved for reliability in emergency situations.



Water Fire Extinguishers

Standard Water Spray

Ideal for Class A fires with 13A fire rating and nitrogen pressurization.

Water Mist Technology

Revolutionary fine mist for efficient fire suppression with minimal water damage.

Antifreeze Options

Special formulations for outdoor use in temperatures as low as -9°C .

Water Extinguisher Applications



Commercial Spaces

Shops, offices, schools, and theaters benefit from water extinguishers.



Storage Areas

Warehouses with paper, cardboard, and wood materials require proper protection.



Designer Spaces

Chrome/stainless steel options for upscale environments blend with decor.

Fire-Resistant Doors



Premium Protection

Designed to protect property from fire hazards with maximum safety.



International Standards

Exceeding NFPA 80, SDI, UL, and NAAM HMMA requirements.



Versatile Options

Fire-rated entry doors, sliding doors, exterior doors, and acoustic doors.



Fire Hydrants



Our Mission

Supplying the largest selection of high-performance fire hydrants globally.



Certified Quality

All products certified by LPCB and Kitemark for reliability.



Global Standards

Meeting international requirements for fire protection infrastructure.

Dry Pillar Fire Hydrants

Kitemark/LPCB Approved

Manufactured to comply with BS EN 14384:2005 and BS 1074 standards.

Freeze Protection

Dry barrel design eliminates damage caused by freezing of the upper part.

Premium Construction

Body made of spheroidal graphite cast iron (Ductile Iron) to BS 1563:2011.



UL/FM Approved Hydrants

American Standards

Designed to comply with ANSI/AWWA C502 specifications for reliability.

Connection Options

2 x 2½" NH thread connectors and 4½" NH thread pumper connection.

High Pressure Rating

Rated to 250 psi for demanding applications in various environments.

Safety Features

Advanced safety couplings and flange design to reduce traffic damage.



Fire Hose Reels



Effective Protection

Providing immediate, continuous water supply for effective firefighting.

2

Certified Quality

BSI Kitemark and LPCB certified for reliable performance.



Compliance

Compliant with BS EN 671-1:2012 standard for safety.



Quality Construction

Semi-rigid hose complying with BSEN 694:2014 for durability.

Fire Hose Reel Features

Versatile Mounting

Fixed, swinging arm, swinging pipe, or swinging door versions.

Effective Range

10-meter throw range at 2 bar pressure in JET setting.



Powerful Performance

Minimum flow rate of 41 L/min at 6 bar pressure.

Adjustable Nozzle

SHUT, JET, and SPRAY control settings for versatile firefighting.

Semi-Rigid Reel Hose

Technical Specifications

Available in 19mm and 25mm inside diameter for fixed firefighting systems.

Performance Ratings

Maximum working pressure of 12 bar with temperature range of -20°C to +60°C.

Quality Construction

Plasticized PVC compound with high tensile textile polyester yarn reinforcement.



Fire Alarm Systems Overview



Detection

Advanced sensors detect smoke, fire, carbon monoxide, or other emergencies.



Processing

Control panels analyze signals and determine appropriate response.



Notification

Audible and visual alarms alert building occupants.



Response

Automatic systems activate and emergency forces are notified.

Conventional Fire Alarm Control Panels

ML-221XX Series

Economical solutions for medium and large applications with modern design.

Compliance

Compatible with EN 54-2 and EN 54-4 for reliable performance.

Flexible Options

Available in 2, 4, 8, and 16 zones for different building sizes.

Power Specifications

230V AC 50 Hz power supply input for standard installations.





Compact Conventional Panels



Economical Solutions

Designed for small and medium applications with modern exterior design.



Advanced Technology

Surface Mount Technology production for reliability and compact size.



Compliance

Compatible with EN 54-2 and EN 54-4 for safety standards.



Size Options

Available in 2, 4, and 8 zones for different building requirements.

Sounder Expansion Panel



Universal Compatibility

Works with all intelligent addressable and conventional panels.



Powerful Output

4 supervised sounder outputs, each rated at 1A, 24V DC.



Simple Integration

Direct connection to addressable and conventional systems.

Conventional Fire Detectors

Standard Detectors

Ergonomic and user-friendly with twin LED indicators for 360° visibility.

Photo-Electric Smoke Detector

Infrared photoelectric sensing with protection from dust and interference.

Beam Type Smoke Detectors

Multi-sensor technology for wide-area coverage and reliable detection.



Heat Detector Options

Combined Heat Detector

Functions as both fixed heat and rate of rise detector. Triggers at 30°C/min or 60°C threshold.

Fixed Heat Detector

Generates alarm signal upon reaching 60°C threshold. Custom threshold levels available.

Application Specific

Specialized detectors for different environments and temperature requirements.



Conventional Gas Detectors



Standard Gas Detectors

Compatible with conventional fire alarm panels with stable operation.



LPG and Natural-Gas Detectors

Responds before leakage reaches 10% LEL (lower explosive limit).



Carbon-Monoxide Detectors

Responds when gas concentration reaches 50 ppm (parts per million).

Ceiling Type Gas Detectors

TGDR Series Ceiling Natural

Same size and appearance as smoke detectors for seamless integration.

Installation Requirements

Requires mounting base for proper installation and connection.

Integration Benefits

Blends with existing detector systems for aesthetic consistency.

Surface Mounting Back Box

Universal Compatibility

Compatible with all Maxlogic and Mavigard single field control modules.

Gas Detector Support

Works with all gas detectors in the product line.

Flexible Installation

Allows mounting on various surfaces for versatile placement.

Simplified Wiring

Designed for easy connection and maintenance.





Conventional Aspirating Smoke Detector



Advanced Detection

Extremely sensitive air duct smoke detection with mathematical modeling technology.



Versatile Configuration

Ability to work in Class A, B, and C sensitivity with wide detection range.



Multiple Alarm Levels

Four alarm levels: Warning, Pre-Alarm, Fire 1, and Fire 2 for graduated response.

Piping Systems for Aspirating Detectors

Single Piping System

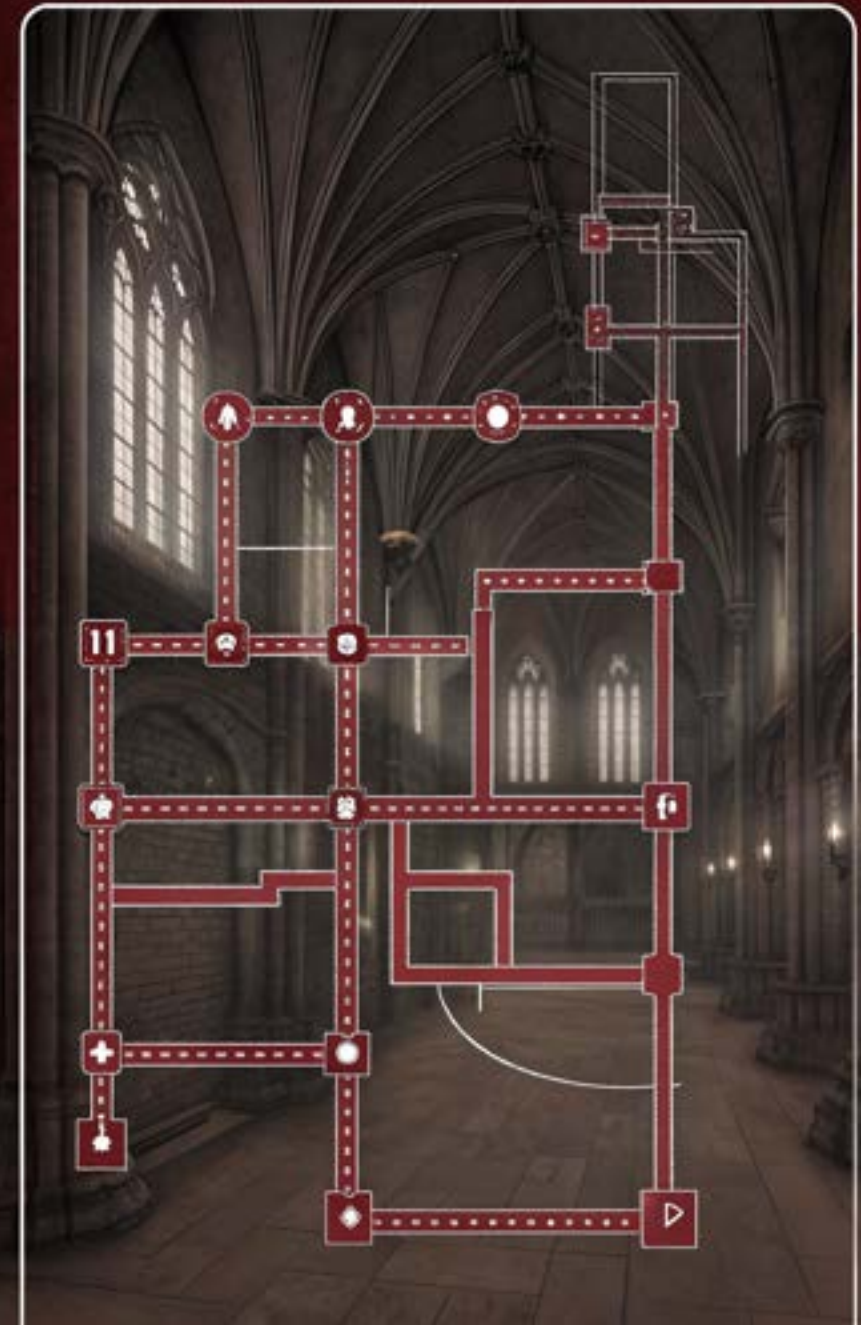
Sampling pipe length up to 150m with maximum 60 holes for detection.

U-Type Piping System

Sampling pipe length up to 250m with 30 holes per pipe for larger areas.

H-Type Piping System

Sampling pipe length up to 400m with 15 holes per pipe for maximum coverage.



Aspirating Detector Applications



Aircraft Hangars

Early detection in large open spaces with high ceilings.



IT Centers

Protection for sensitive electronic equipment in critical facilities.



Museums & Galleries

Preservation of valuable artifacts with unobtrusive detection.



Conventional Sounders



Maxlogic Series

Stable performance in indoor applications, compatible with all conventional panels.



Compliance

EN 54-3 compliant for safety and reliability standards.



Mounting Options

Surface or flush mount options for different installation requirements.



Device Types

Available as sounder, beacon, or combined units for versatile applications.

Weatherproof Sounders

Versatile Options

Available as sounder, beacon, or combined units with IP33 or IP65 protection.

Customizable Alerts

32 adjustable voice tone options with adjustable flash frequency.

Outdoor Rated

Designed for reliable performance in harsh outdoor environments.

Beacon Synchronization Modules

Coordinated Alerts

Enables beacons to operate in a synchronized manner regionally.

Status Indicators

LED indicators for power, alarm, and fault conditions.



Compliance

Compatible with EN 54-18 standards for safety.

Universal Compatibility

Works with conventional, addressable, and gas panels.



Conventional Manual Call Points

Easy Operation

Designed according to EN 54-11 standards with easy-to-install and easy-to-use features.

Resettable Design


Easy resettable design for quick return to service after activation.

Mounting Options

Surface or flush mount options for different installation requirements.

Universal Compatibility

Compatible with all conventional fire alarm panels for easy integration.



Addressable Fire Alarm Systems



Precise Identification

Each device has a unique address for exact location identification.



Intelligent Monitoring

Continuous status monitoring with detailed diagnostics.



Flexible Configuration

Customizable programming for specific building needs.



Scalable Architecture

Expandable from small to large installations as needs change.

Marine Type Intelligent Addressable Systems



Specialized Protection

Designed for marine vessels including ships, yachts, and freighters.



Marine Certifications

TURK LOYDU (SOLAS 74 and FSS) and IACS member type approval.



Rapid Response

Loop polling in 7.5 sec with fast fire alarm detection in 1.5 sec.



Addressable Control Panel Options

Model	Loops	Addresses	Features
ML-1231/M	1	127	Basic configuration
ML-1234/M	4	508	Medium capacity
ML-1238/M	8	1016	Maximum capacity
ML-1244.P/M	4	508	With printer

Intelligent Analogue Addressable Panels



Network Capability

Panels can be networked for building-wide integration and monitoring.



Documentation Options

Available with built-in thermal printer for event logging and records.



Marine Approvals

Certified for use in marine environments with special protection.



Scalable Architecture

From 1 to 8 loops supporting up to 1016 addresses for any size facility.





GCU Panel Options

Communication Modules

Available with TCP/IP, GPRS, RS232/RS485, BACnet, or Modbus modules.

Integrated Solutions

Combined module options for comprehensive communication capabilities.

Marine Approved

All variants available with marine approval for shipboard applications.

Addressable Manual Call Points

Standard Call Points

Resettable design with two-terminal back box for easy installation.

Weatherproof Options

IP67-rated for outdoor and harsh environment applications.

With Isolator Module

Integrated short circuit isolator for enhanced system reliability.

Marine Type Fire Extinguishing Systems

Specialized Protection

Designed specifically for marine vessels with proper certifications.

Status Monitoring

Comprehensive status display via LEDs and LCD screen.



Marine Certification

TURK LOYDU and IACS certification for maritime safety.

Zone Coverage

4 detection zones, 1 extinguishant zone for comprehensive protection.

Fire Extinguishing Control Accessories



Control Panels

ML-322/M conventional extinguishing control panel for reliable operation.



Status Indicators

ML-3313/M extinguishing status indicator unit for system monitoring.



Control Buttons

Manual release and emergency stop buttons for operator control.

Conventional System Accessories



Complete range of accessories including sounders, beacons, mounting bases, and indicators for conventional fire alarm systems.



Kitchen Fire Suppression Systems



Inspection

Comprehensive diagnostic of system condition and components.

2

Certification

Documentation of compliance with safety standards.



Testing

Verification of manual and automatic operation.



Maintenance

Regular service to ensure reliable performance.



Kitchen Fire Suppression Inspection Process

System Diagnostic

Verify system is in service and satisfactory condition per NFPA standards.

Operational Testing

Test remote pulls, manual release, and automatic trip functionality.

Component Verification

Check suppression agent, cylinders, piping, nozzles, and safety devices.

Documentation

Tag devices, complete inspection report, and recommend corrective actions.

Kitchen Fire Suppression Benefits



Regular Maintenance

Semi-annual maintenance programs ensure system reliability.



Certified Technicians

Licensed professionals with specialized training for proper service.



Multiple Brands

Distribution of Ansul, Amerex, Pyrochem, Kidde, and RangeGuard systems.

Maintenance Schedule



Every 6 Months

Service inspection and pipe blowout required by NFPA standards.



Every 12 Years

Hydrostatic testing of containers depending on manufacturer specifications.



After Discharge

Complete system inspection and recharge required for continued protection.



Fire Hose Reel Assembly Specifications



Fire hose reels are available in various configurations including swinging arm, swinging pipe, and fixed models in both manual and automatic versions.

Operating Instructions

Automatic Hose Reels

1. Pull out the hose to start water flow
2. Open nozzle and adjust to spray or jet
3. Aim nozzle at base of fire
4. After use, close nozzle and rewind hose
5. Open nozzle to drain water, then close

Manual Hose Reels

1. Open the main valve fully
2. Pull out the hose
3. Open nozzle and adjust as needed
4. Aim nozzle at base of fire
5. After use, close nozzle and valve
6. Rewind hose and drain water



Global Reach & Quality Assurance



International Presence

Products trusted across Africa, Southeast Asia, the Middle East, and Europe.



Rigorous Testing

All products undergo strict testing at the National Fire-Fighting Testing Center.



Certified Excellence

Products meet or exceed international standards for performance and reliability.

Innovation & Customer Satisfaction



Research & Development

Continuous innovation to meet evolving global regulations and safety needs.



Customized Solutions

Working closely with clients to deliver tailored fire protection systems.



Ongoing Support

Comprehensive service and maintenance programs for lasting protection.





Contact Information

Headquarters

Amman, Jordan – Al-Sakhra Al-Mosharafa Street (in front of Safeway – Aswaq Al jomla)

Phone Numbers

Jordan: +962 79 6000 313

Qatar: +974 668 28 887

Email Addresses

fire@alfarajgroupblacktiger.com

MOMEN@FARAH.JO



Your Safety, Our Commitment

20+

Years Experience

Decades of expertise in fire protection

100+

Products

Comprehensive range of safety solutions

50+

Countries

Global reach with local support