

رؤية
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

RIYADH
KINGDOM OF SAUDI ARABIA
EXPO 2030

SAUDI
MADE
صناعة
سعودية



شركة المصنع السعودي لأجهزة الإطفاء
SAUDI FACTORY FOR FIRE EQUIPMENT Co.

Empowering
a **Safer Future** for
the Kingdom

PRODUCT CATALOGUE

VER: 00-09/25

Quality Approvals for Various Products and Services



Assessed to ISO 9001:2015
Cert. No.: 1516

bsi.



KM73087



KM629993



LISTED



CLASSIFIED



FM
APPROVED



SASO
QUALITY MAX



NFPA
MEMBER

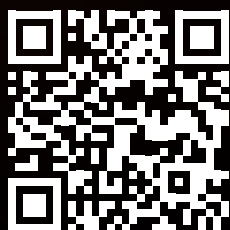


SAGIA

Innovative

Fire Safety Solutions

”
Our Aim at SFFECO is to SAVE
our client's life and property from FIRE
using our in-depth knowledge and vast
TECHNICAL EXPERIENCE



www.SFFECO.com

رؤية VISION
2030
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KINGDOM OF SAUDI ARABIA



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SFFECO is an ISO9001 certified manufacturing company by BRE Global, is a market leader and specialize in manufacturing of fire-fighting equipment in the world. SFFECO has a long standing established reputation for pioneering innovation ever since its foundation in 1983.

SFFECO has its own state-of-the-art manufacturing plants in Riyadh and Dubai producing end-to-end range of products for the fire fighting industry matching international standards in quality.

SFFECO with its innovative approach provides the entire gamut of products that caters to the needs of the Fire Protection and Fire Fighting industry. This makes SFFECO a one-stop-shop for customers, fulfilling their end-to-end needs in products, solutions and services for the industry.

SFFECO continually expands upon its knowledge and services to keep its clients updated with the latest Fire Fighting Technology in the world. The product range manufactured by SFFECO confirms and holds approval to international standards.

Quality Approvals for Various Products and Services



Certifications

Certifications / Memberships related to various products or services



SFFECO continually works with certification bodies, government regulatory, partners and technology associations in efforts to provide innovative and high quality products that assures accuracy in performance – from extensive product testing and evaluation to continued product quality compliance.



► Vision

To save life and property by supplying the best products in Fire Fighting Technology and to expand our operations to serve the global market utilizing the well established infrastructures in the Kingdom of Saudi Arabia and the United Arab Emirates

► Mission

To protect and conserve lives and properties from the danger of fire, to be known for reliability, flexibility, responsiveness, innovative products and services, and to pave a clear path toward customer satisfaction; then growth and financial success will naturally follow.



In keeping with our policy of continuous product improvement, SFFECO reserves the right to change specifications without prior notice.

شركة المصنع السعودي لأجهزة الإطفاء
SAUDI FACTORY FOR FIRE EQUIPMENT Co.

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Fire Rated Cabinets

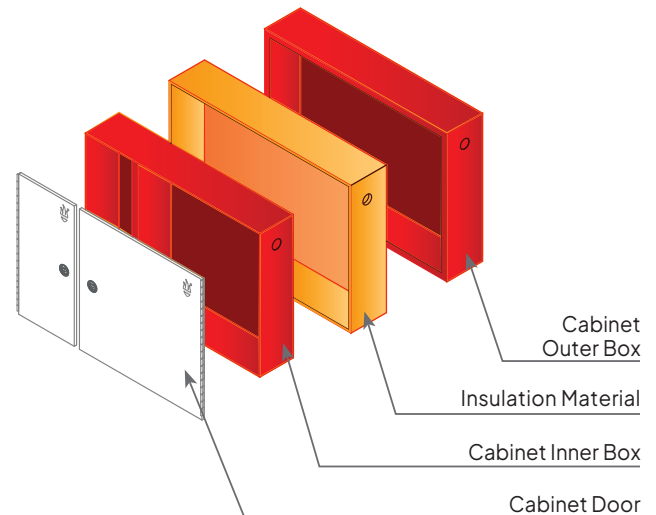
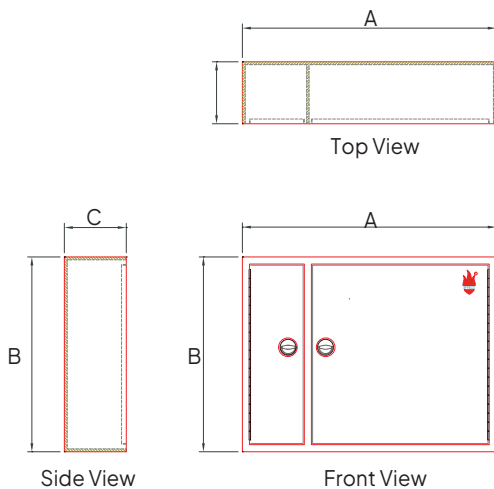


Cabinet type:

- ❖ Single Door Type Cabinets
- ❖ Double Door Vertical Type Cabinets
- ❖ Double Door Horizontal Type Cabinets

General Features:

- ❖ SFFECO Fire Rated Cabinets: UL Listed (R39545) to maintain the integrity of two-hour fire walls for both combustible and non-combustible systems.
- ❖ Ensuring compliance with safety codes while reducing installation time and cost.
- ❖ Manufactured in-house using high-grade steel, stainless steel, and glass for durability against wear, time, and weather.
- ❖ Available in surface, recessed, or semi-recessed models with Hairline, Brush, or Mirror finishes.
- ❖ Built with advanced technology, crafted by skilled workers, and backed by international certifications.



Maximum Possible Dimensions

SFFECO Fire Rated Cabinets can be made with different sizes and designs as per requirement. We can manufacture UL Listed Cabinets with the maximum dimensions as per below table:

	Width	Height	Depth
Surface	42.83 inch	68.5 inch	18.5 inch
	1088 mm	1740 mm	470 mm
Recessed / Semi-Recessed	42.83 inch	66.9 inch	18.5 inch
	1088 mm	1700 mm	470 mm



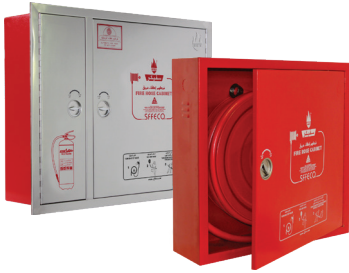
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Standard Fire Cabinets

General Features:

- ❖ SFFECO Cabinets are manufactured from Mild Steel or Stainless Steel material with a thickness of 0.9mm to 2.0mm which depends on usage and customer request.
- ❖ Backbox, Door and Frame can be of different thickness and material.
- ❖ The cabinets are available with all around folded edges without any sharp edges.
- ❖ Optional Hairline or Mirror finish Stainless Steel or Golden finish cabinets are also available.
- ❖ Cabinets are painted with Powder Coated for elegant finish and protection from rust.
- ❖ Operation Instructions are silk screen printed in Arabic and English languages inside the cabinet.
- ❖ Hose Reels in cabinets are fully equipped with landing valves or angle valves and nozzles.
- ❖ Cabinets are available in different sizes and designs to meet architectural requirements.



Semi Rigid Fire Hose Reel Cabinet

- ❖ SF300 / SF300S: Single-door cabinet with 30m semi-rigid fire hose reel.
- ❖ SF600 / SF600S: Includes additional compartment for fire extinguisher.



Fire Hose Rack and Cabinets

- ❖ Cabinet made of Steel or SS to accommodate semi-automatic hose rack.



Synthetic Fire Hose Cabinet

- ❖ Model: SF4000 / SF5000
- ❖ For 30 meter x 1½" & 2½" Synthetic fire Hose



Synthetic Fire Hose and Extinguisher Cabinet

- ❖ Model: SF4200 / SF5200
- ❖ Two door compartment cabinet, one for synthetic hose reel and other one for fire extinguisher



Vertical Double Door Customized Cabinets

- ❖ Model: SF900 / SF900S
- ❖ Various equipment options



Live Fire Hose Reel Cabinet

- ❖ Model: SF-HRS-125
- ❖ Premium-quality and engineered for reliable performance.
- ❖ Designed with precision and excellence to meet international fire safety standards.



Foam Cabinets

- ❖ Model: SF9000
- ❖ Designed for single man operation
- ❖ Available sloped roof cabinets



Extinguisher or Breeching inlet Cabinets

- ❖ Cabinet made of Steel /SS
- ❖ Available in various sizes
- ❖ Suitable for extinguisher, breeching inlet, valve, fire blanket, etc.



Jockey Pump and Hose Reel Cabinets

- ❖ Hose Reel length is 30 meter. (Other sizes are available on request)
- ❖ Pump system as per requirement

Cabinet Accessories

Nylon Type Fire Hose



- ❖ Hose Size: 1½" (40mm) and 2½" (65mm).
- ❖ Working Pressure: 16 bar
- ❖ Testing Pressure: 25 bar
- ❖ Minimum Bursting Pressure: 50 bar
- ❖ Jacket Weaving Method: Plain Weaving / Twill Weaving
- ❖ Jacket Warp: Polyester Spun Yarn / Polyester Filament
- ❖ Jacket Weft: Polyester Filament
- ❖ Lining Material: Natural Rubber Compound / Polyurethane

Single / Double Jacket Fire Hose



- ❖ UL Listed - Single jacket hose models: SFSJ40R-UL (1½") & SFSJ65R-UL (2½").
- ❖ UL Listed - Double Jacket hose models: SFDJ40R-UL (1½") & SFDJ65R-UL (2½").
- ❖ FM Approved - Single Jacket hose model: SFD-FH-SJ40HR (1½")
- ❖ Heavy duty construction for optimum abrasion resistance.
- ❖ Weather, ozone and ageing resistant with long service life.
- ❖ Hose comes with attached couplings, Brass or Chrome Finish as per request.

Synthetic Hose Accessories



Fire Hose Nozzle - Adjustable Fog, Straight Stream, & Shut Off



JetBrass Nozzle
Model A:



Three way branch Nozzle
Model C:

Semi Rigid Fire Hose

Model:

- ❖ SH19R - (3/4") 19mmø
- ❖ SH25R - (1") 25mmø



KM629993



Semi Rigid Fire Hose Reel

Model:

- ❖ SF/30 (Manual)
- ❖ SF/30A (Automatic)



KM73087



Approval:

- ❖ Standard
- ❖ EN671 Approved

Nozzle for Semi Rigid Fire Hose Reel



Brass & Chrome Plated Nozzle

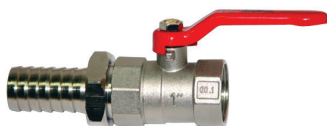


Plastic Nozzle
(Standard for EN671 hose reel)



Brass Fog Nozzle (UL Listed)

Ball Valve & Nipple



- ❖ Size: 1"
- ❖ Body: Chrome plated

Note: EN671 approved hose reels are coming with 1" ball valve and nipple

Landing Valve



- ❖ Body is Chrome plated and Hand wheel with Steel, Epoxy coated, WP: 16 bar.
- ❖ Size: 1", 1.5" and 2.5"

Angle Valve



- ❖ Size: 1.5" & 2.5"
- ❖ UL/FM (Optional)

Pressure Restricting Angle Valve



- ❖ Size: 1.5" & 2.5"
- ❖ UL/FM (Optional)



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Fire Extinguishers

Dry Powder (2.5 LBS)

- ❖ Model: SF-DC-UL2.5M
- ❖ Approval: UL Listed and Marine Approved
- ❖ Capacity: 2.5 LBS - ABC 90%
- ❖ Working Pressure: 13.5 Bar (195 Psi)
- ❖ Test Pressure 40.5 Bar (585 Psi)
- ❖ Fire Class (UL Rating) 1-A : 10-B : C



Dry Powder (5.5 LBS)

- ❖ Model: SF-DC-UL5.5 / SF-DC-UL5.5M
- ❖ SF-DC-UL5.5M is Marine Approved
- ❖ Approval: UL Listed
- ❖ Capacity: 5.5 LBS - ABC 90%
- ❖ Working Pressure: 13.5 Bar (195 Psi)
- ❖ Test Pressure 40.5 Bar (585 Psi)
- ❖ Fire Class (UL Rating) 3-A : 40-B : C



Dry Powder (10 LBS)

- ❖ Model: SF-DC-UL10
- ❖ Approval: UL Listed
- ❖ Capacity: 10 LBS
- ❖ Working Pressure: 13.5 Bar (195 Psi)
- ❖ Test Pressure 40.5 Bar (585 Psi)
- ❖ Fire Class (UL Rating) 4-A : 60-B : C



Dry Powder (20 LBS)

- ❖ Model: SF-DC-UL20
- ❖ Approval: UL Listed
- ❖ Capacity: 20 LBS
- ❖ Working Pressure: 13.5 Bar (195 Psi)
- ❖ Test Pressure 40.5 Bar (585 Psi)
- ❖ Fire Class (UL Rating) 6-A : 80-B : C



Carbondioxide (5 LBS)

- ❖ SF-CO2-M5
- ❖ Approval: UL Listed
- ❖ Capacity: 5 LBS
- ❖ Working Pressure 124 Bar (1800 Psi)
- ❖ Test Pressure 207 Bar (3000 Psi)
- ❖ Fire Class (UL Rating) 5-B : C



Carbondioxide (10 LBS)

- ❖ SF-CO2-M10
- ❖ Approval: UL Listed
- ❖ Capacity: 10 LBS
- ❖ Working Pressure 124 Bar (1800 Psi)
- ❖ Test Pressure 207 Bar (3000 Psi)
- ❖ Fire Class (UL Rating) 10-B : C



Carbondioxide (15 LBS)

- ❖ SF-CO2-M15
- ❖ Approval: UL Listed
- ❖ Capacity: 15 LBS
- ❖ Working Pressure 124 Bar (1800 Psi)
- ❖ Test Pressure 207 Bar (3000 Psi)
- ❖ Fire Class (UL Rating) 10-B : C



Carbondioxide (20 LBS)

- ❖ SF-CO2-M20
- ❖ Approval: UL Listed
- ❖ Capacity: 20 LBS
- ❖ Working Pressure 124 Bar (1800 Psi)
- ❖ Test Pressure 207 Bar (3000 Psi)
- ❖ Fire Class (UL Rating) 10-B : C



Fire Extinguishers

Portable Dry Powder

- ❖ Capacity: 1 Kg to 12 Kg
- ❖ Type: Stored Pressure, Inside or Outside Cartridge types
- ❖ Working Pressure: 12-15 bar
- ❖ Test Pressure: 30 bar
- ❖ Extinguishing Agent: Dry Chemical
- ❖ Propellant: N₂ / Dry Air / CO₂
- ❖ Storage: -20°C to +60°C
- ❖ Class: A, B, C and Electrical Fires



Model PD1, PD2, PDB10, PD6, PD10 and PD12 are SASO Approved

Mobile Dry Powder

- ❖ Capacity: 25 Kg to 150 Kg
- ❖ Type: Stored Pressure, Inside or Outside Cartridge types
- ❖ Extinguishing Agent: Dry Chemical
- ❖ Working Pressure: 12-15 bar
- ❖ Test Pressure: 30 bar
- ❖ Propellant: N₂ / Dry Air / CO₂
- ❖ Storage: -20°C to +60°C
- ❖ Class: A, B, C and Electrical Fires



Model TDP25, TDP30, TDP50, TDP5100 and TDP5150 are SASO Approved

Portable Foam

- ❖ Capacity: 6 Ltr, 9 Ltr and 10 Ltr.
- ❖ Type: Stored Pressure, Inside or Outside Cartridge types
- ❖ Working Pressure: 12-15 bar
- ❖ Test Pressure: 30 bar
- ❖ Extinguishing Agent: AFFF
- ❖ Propellant: N₂ / Air / CO₂
- ❖ Storage: +5°C to +60°C
- ❖ Class: A, and B Fires



Model FX6, FX9 & FX100 are SASO Approved

Mobile Foam

- ❖ Capacity: 25 Ltr. to 135 Ltr.
- ❖ Type: Stored Pressure, Inside or Outside Cartridge types
- ❖ Working Pressure: 12-15 bar
- ❖ Test Pressure: 30 bar
- ❖ Extinguishing Agent: AFFF
- ❖ Propellant: N₂ / Air / CO₂
- ❖ Storage: +5°C to +60°C
- ❖ Class: A, and B Fires



Model TF25, TF50, TF100 and TF35G are SASO Approved

Portable Water

- ❖ Capacity: 6 Ltr, 9 Ltr and 10 Ltr.
- ❖ Type: Stored Pressure, Inside or Outside Cartridge types
- ❖ Working Pressure: 12-15 bar
- ❖ Test Pressure: 30 bar
- ❖ Extinguishing Agent: Water
- ❖ Propellant: N₂ / Air / CO₂
- ❖ Storage: +5°C to +60°C
- ❖ Class: A, Fires



Model WH600, WH900 and WH1000 are SASO Approved

Mobile Water

- ❖ Capacity: 25 Ltr. to 135 Ltr.
- ❖ Type: Stored Pressure, Inside or Outside Cartridge types
- ❖ Working Pressure: 12-15 bar
- ❖ Test Pressure: 30 bar
- ❖ Extinguishing Agent: Water
- ❖ Propellant: N₂ / CO₂
- ❖ Storage: +5°C to +60°C
- ❖ Class: A Fires



Model WT25, WT50, and WT100 are SASO Approved

Portable CO₂

- ❖ Capacity: 3 Kg to 6 Kg.
- ❖ Test Pressure: 250 bar
- ❖ Extinguishing Agent: CO₂
- ❖ Storage: -20°C to +60°C
- ❖ Class: B, and Electrical Fires



Model CD5G and CD6G are SASO Approved

Mobile CO₂

- ❖ Capacity: 10 Kg to 45.5 Kg.
- ❖ Test Pressure: 250 bar
- ❖ Extinguishing Agent: CO₂
- ❖ Storage: -20°C to +60°C
- ❖ Class: B, and Electrical Fires



Model TC10, TC25 and TC30 are SASO Approved



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Fire Extinguishers

Portable Wet Chemical

- ❖ Capacity: 6 Ltr. and 10 Ltr.
- ❖ Type: Stored Pressure
- ❖ Working Pressure: 10 bar
- ❖ Test Pressure: 30 bar
- ❖ Extinguishing Agent: Wet Chemical
- ❖ Propellant: N₂ / Air
- ❖ Storage: 0°C to +60°C
- ❖ Class: A, and F Fires

Model SKF 6 and SKF 10 are SASO Approved



Automatic Dry Powder

- ❖ Capacity: 4.5 Kg to 30 Kg
- ❖ Automatically extinguish through the sprinkler head
- ❖ Working Pressure: 12–15 bar
- ❖ Test Pressure: 30 bar
- ❖ Extinguishing Agent: Dry Chemical
- ❖ Propellant: N₂ / Dry Air
- ❖ Storage: -20°C to +60°C
- ❖ Class: A, B, C and Electrical Fires



Automatic Clean Agent

- ❖ Capacity: 6 Kg to 30 Kg
- ❖ Automatically extinguish through the sprinkler head
- ❖ Temperature Rating: Standard is 68°C (57°C / 79°C / 93°C / 141°C can be supply upon request)
- ❖ Extinguishing Agent: HFC227ea / FK5112
- ❖ Propellant: N₂
- ❖ Class: A, B and C Fires



Automatic Foam

- ❖ Capacity: 4.5 Kg to 30 Kg
- ❖ Automatically extinguish through the sprinkler head
- ❖ Working Pressure: 12–15 bar
- ❖ Test Pressure: 30 bar
- ❖ Extinguishing Agent: AFFF
- ❖ Propellant: N₂
- ❖ Storage: +5°C to +60°C
- ❖ Class: A, and B Fires



Extinguisher Stands



- ❖ Made with mild steel / stainless steel
- ❖ Portable fire point for multiple applications
- ❖ Attractive chrome finish
- ❖ Strong and sturdy tubular construction
- ❖ Suitable for various type of extinguishers

Chrome Finish Extinguishers



- ❖ SFFECO manufactures high-quality fire extinguishers with a premium chrome finish, combining durability with a sleek appearance.
- ❖ Designed for both performance and aesthetics, they are ideal for modern interiors and demanding environments.



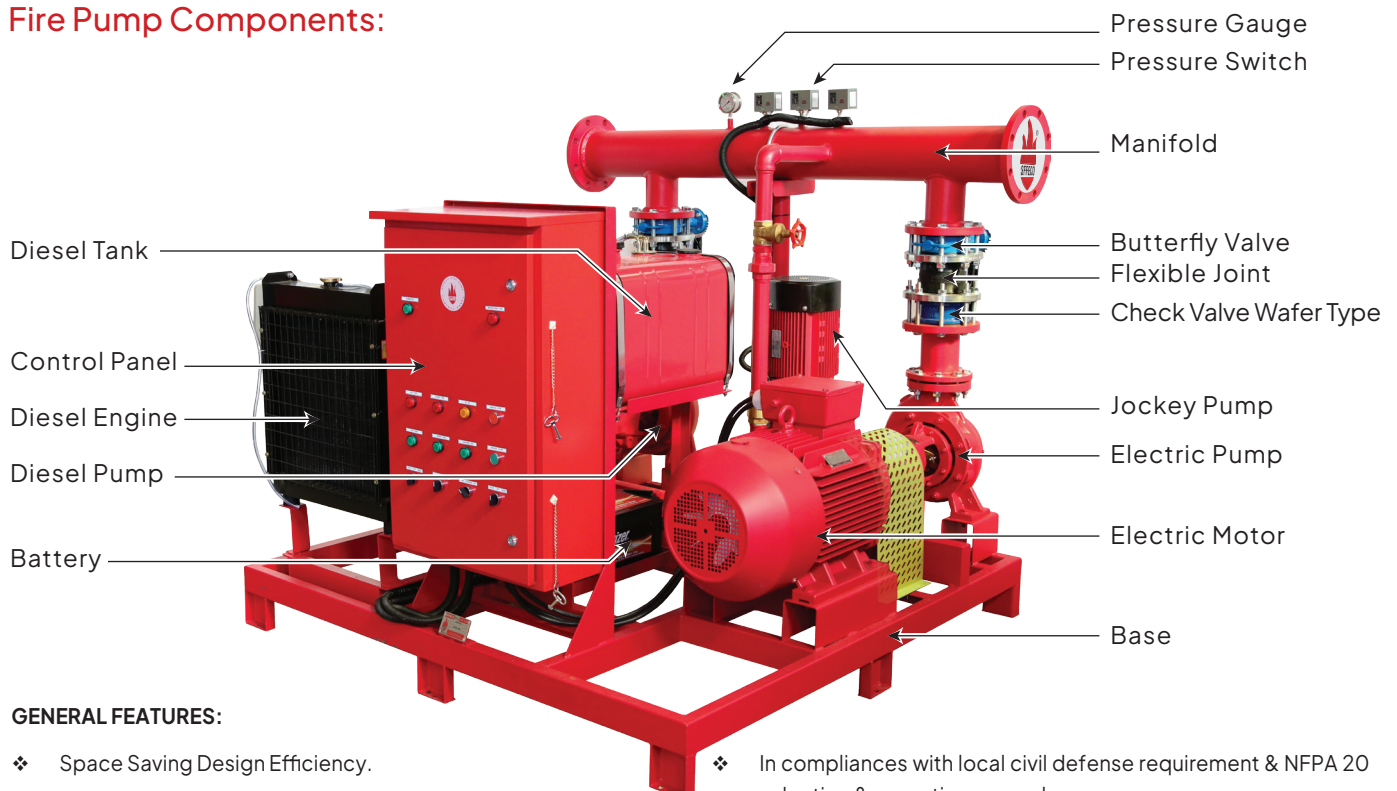
Fire Pumps



Reliable Protection Starts with SFFECO Fire Pumps

Built for reliability, SFFECO fire pumps ensure uninterrupted water supply at the right pressure during emergencies. In addition to providing the strength needed for sprinklers, hydrants, hose reels, and other fire protection systems, SFFECO fire pumps integrate seamlessly with your fire protection system.

Fire Pump Components:



GENERAL FEATURES:

- ❖ Space Saving Design Efficiency.
- ❖ Nothing beats the Excel Series packages, as they are designed to fit into small spaces.
- ❖ Easy to Install & Handle.
- ❖ Available in capacities from 50 GPM up to 1500 GPM and pressure range up to 12 BAR.
- ❖ Pre- fabricated, pre-piped wired, factory tested unit.
- ❖ In compliances with local civil defense requirement & NFPA 20 selection & operation procedure.
- ❖ Pumps coupled with heavy duty trouble free electrical & diesel drivers.
- ❖ Dynamic balanced pumps impellers.
- ❖ Pump set piping is hydrostatically tested to ensure piping integrity.



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Excel Series Fire Pump Packages

Powerful. Reliable. Engineered for Safety.



The Excel Series offers a complete skid-mounted fire pump solution, designed for maximum efficiency and reliability. Each package is equipped with premium-quality Horizontal End Suction, Split Case, or Vertical Turbine Pumps, coupled with heavy-duty Electric or Diesel drivers. Pre-assembled discharge lines come complete with Gate and Butterfly Check Valves, flexible joints, pressure switches, and gauges mounted on robust, well-supported headers. The system is pre-piped, pre-wired, and fully fabricated on a compact skid, ensuring seamless installation and fully automatic operation through an advanced control panel.

The Excel Series is available in multiple configurations to meet diverse client requirements and hazard-specific applications:

- ❖ **Excel Series 1 – Equipped with a Push Button Control Panel for simple, reliable operation.**
- ❖ **Excel Series 2 – Enhanced with a modern HMI Touch Panel Control Panel for advanced monitoring and control. (Optional)**

With innovative design and versatile models, SFFECO's Excel Series provides uncompromising protection when it matters most.

Excel Series Pump Packages EDJ (Electrical Diesel Jockey)



Consist of Main End Suction Pump driven by Electrical Motor, Stand by End Suction Diesel Pump driven by Diesel Engine, & Vertical multistage (Jockey) (Maintenance) Pump that all are assembled with discharge line accessories, as well as connected with Skid Mounted Control Panel.

- ❖ 50 GPM to 1000 GPM Standard Capacity
- ❖ Other models are available on request.

Excel Series Pump Packages EJ (Electrical Jockey)



Consist of Main End Suction Pump driven by Electrical Motor, & Vertical Multistage Jockey (maintenance) Pump that all are assembled with discharge line accessories, as well as connected with Skid Mounted Control Panel.

- ❖ 50 GPM to 500 GPM Standard Capacity
- ❖ Other models are available on request.

Excel Series Pump Packages DJ (Diesel Jockey)



Consist of Main End Suction Diesel Pump driven by Diesel Engine, & Vertical Multistage Jockey (maintenance) Pump that all are assembled with discharge line accessories, as well as connected with Skid Mounted Control Panel.

- ❖ 50 GPM to 500 GPM Standard Capacity
- ❖ Other models are available on request.

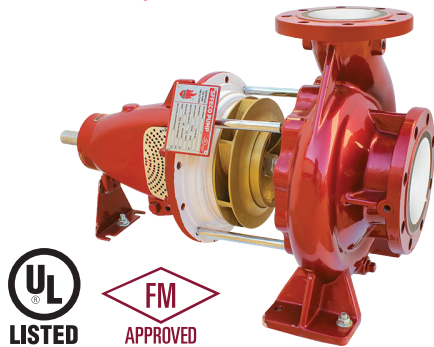


Fire Pump House

- ❖ Built with robust construction and advanced design, the SFFECO Pre-Packaged Pump House safeguards your fire pump and accessories from external elements while keeping everything organized and easily accessible.
- ❖ Fully pre-wired and pre-piped at the factory, it ensures quick, hassle-free field installation.
- ❖ Each unit comes complete with standard fire pump accessories, valves, fittings, and testing instruments, with optional features like lighting, heat detectors, and extinguishers available to meet your specific needs.



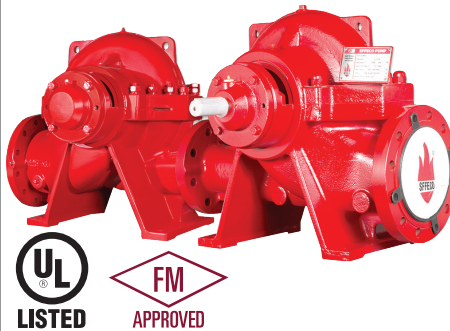
End Suction Centrifugal Fire Pumps



General Features:

- ❖ Top Centerline Discharge
- ❖ Efficiently Designed Impeller
- ❖ Frame-Mounted Design
- ❖ Heavy Duty with Heavy Wall Thickness
- ❖ 100% Hydrostatic & Performance Tested
- ❖ Back Pump out Vanes
- ❖ Cast Iron / Ductile Iron Casing
- ❖ Bronze / Duplex Impeller
- ❖ 50 GPM to 1000 GPM Capacity
- ❖ 65 psi to 234 psi Pressure
- ❖ 2900, 3000, 3500 & 3600 rpm Speed.

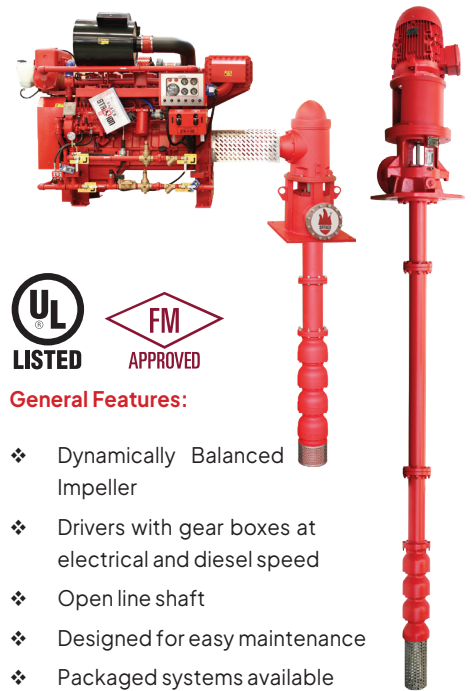
Split Case Centrifugal Fire Pumps



General Features:

- ❖ Volute Type Thru-Bore Casing
- ❖ Frame-Mounted Design
- ❖ Small Footprint Ideal for Retrofit
- ❖ Heavy Duty with Heavy Wall thickness
- ❖ 100% Hydrostatic & Performance Tested
- ❖ Dynamically Balanced Double Suction Impeller
- ❖ Cast Iron / Ductile Iron Casing
- ❖ Bronze / Duplex Impeller
- ❖ 150 GPM to 3500 GPM Capacity
- ❖ 88 psi to 335 psi Pressure
- ❖ 2900, 3000, 3500 & 3600 rpm Speed.

Vertical Turbine Fire Pumps



General Features:

- ❖ Dynamically Balanced Impeller
- ❖ Drivers with gear boxes at electrical and diesel speed
- ❖ Open line shaft
- ❖ Designed for easy maintenance
- ❖ Packaged systems available
- ❖ Efficiently Designed Shaft
- ❖ Heavy wall thickness
- ❖ 200 GPM to 2000 GPM Capacity
- ❖ 40 psi to 359 psi Pressure
- ❖ 1450, 1480, 1760, 1780, 2900, 2980, 2950 & 3000 rpm Speed.

Diesel Driven Skid



15 - 275 HP

2800, 2900, 3000 rpm

300 - 588 HP

1400, 1600, 1800 rpm

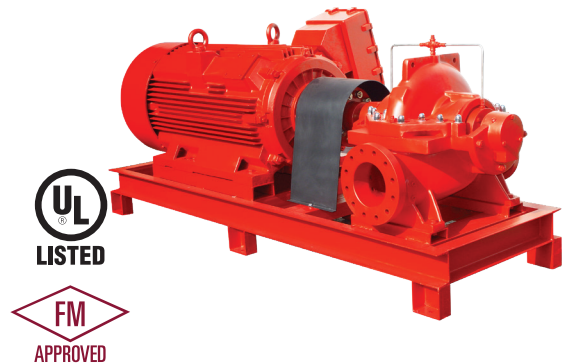


SFFECO designs NFPA 20 compliant fire pump packages equipped with Listed and Approved drivers. At their core are BLACK STALLION diesel engines, engineered for efficiency, durability, and high performance across a wide power range. Backed by advanced research, international expertise, and global certifications, they ensure reliable operation in every firefighting system.

Key Highlights:

- ❖ Wide range of internal combustion diesel engines designed for fire pump applications.
- ❖ Premium quality, high performance & cost-effective solutions.
- ❖ Integration of international design with advanced engineering.
- ❖ Rigorously tested in state-of-the-art manufacturing facilities.
- ❖ Certified to comply with global standards.

Electric Driven Skid



SFFECO UL & FM approved fire pump skid units with electric motor coupling deliver proven reliability and efficiency for critical fire protection. Compact, durable, and easy to install, they ensure long-term performance with minimal maintenance.

Key Highlights:

- ❖ UL & FM approved
- ❖ Compact skid design
- ❖ Easy installation & retrofit
- ❖ High reliability, low maintenance
- ❖ Long-term emergency performance
- ❖ Premium quality construction



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Diesel Tank



UL Listed Diesel Tank



SFFECO Standard Diesel Tank

SFFECO steel above-ground tanks for flammable and combustible liquids are UL-142 compliant and meet NFPA 30, 30A & 31 installation standards.

Primary Containment:

- ❖ Horizontal Cylindrical – up to 75,000 gal.
- ❖ Vertical Cylindrical – up to 60,000 gal.
- ❖ Rectangular – up to 550 gal.

Secondary Containment:

- ❖ Horizontal Cylindrical – up to 75,000 gal.
- ❖ Vertical Cylindrical – up to 60,000 gal.

Jockey Pumps



Jockey pumps are small, motor driven pumps used in conjunction with main fire pumps to compensate for minor leaks in the fire protection system and automatically maintain stand-by pressure. This reduces wear on the main pump and controller caused by unnecessary, frequent operation. Jockey Pump controllers are available for across the-line starting.

Control Panels for UL/FM Listed Pumps



- ❖ UL/FM approved ELECTRICAL PUMP CONTROLLER
- ❖ UL/FM approved DIESEL PUMP CONTROLLER
- ❖ UL Listed JOCKEY PUMP CONTROLLER
- ❖ ALARM PANEL



All Fire Pump Controllers are factory assembled, wired, tested as a unit and comply with all requirements of the latest edition of NFPA-20 (Centrifugal Fire Pumps) and NFPA-70 (National Electrical Code). Controllers are listed by Underwriters Laboratories, Inc., in accordance with UL218, Standard for Fire Pump Controllers, CSA, and Standard for Industrial Control Equipment (CUL) and approved by Factory Mutual (FM). All controllers are Y2K compliant.

This component plays a vital role in operation of fire pumps as it controls the entire system. It is selected as per customer choice if any, otherwise it can be either TORNATECH, OR EATON.

Control Panels for SASO Approved Pumps



SFFECO manufactures a variety of fire pump control panels, offered with or without HMI touch interfaces, to meet diverse operational requirements. These panels are engineered for compatibility with our SASO-approved Excel Series Fire Pump Packages, providing precise monitoring, control, and reliable integration with fire protection systems. Excel series II fire pump packages provided with optional HMI touch enabled control panel.



Fire Hydrants



Associated to ISO 9001:2015
Cert. No.: 1516



Dry Barrel Fire Hydrants



- ❖ ANSI/AWWA C502 compliant, UL & FM approved
- ❖ 250 psig working pressure, high-pressure tested
- ❖ Stainless steel safety stem protects against vehicle impact
- ❖ Dual bronze drains & efficient hydraulic design
- ❖ Threaded, field-replaceable nozzles; 360° rotation
- ❖ Easy valve maintenance from bonnet or flange
- ❖ Epoxy-lined for durability and corrosion resistance



Model	Length (mm)	Length (feet)	Weight
SF-F-06 (900)	900 mm	3' - 0"	170 Kg.
SF-F-06 (1050)	1050 mm	3' - 6"	178 Kg.
SF-F-06 (1200)	1200 mm	4' - 0"	183 Kg.
SF-F-06 (1350)	1350 mm	4' - 6"	196 Kg.
SF-F-06 (1500)	1500 mm	5' - 0"	200 Kg.
SF-F-06 (1650)	1650 mm	5' - 6"	210 Kg.
SF-F-06 (2050)	2050 mm	6' - 0"	215 Kg.

Dry Pillar Fire Hydrants



Associated to ISO 9001:2015
Cert. No.: 1516

- ❖ High performance, easy to install, maintain & repair
- ❖ Available in 4" & 6" sizes
- ❖ With or without Break Assembly System
- ❖ Straight or 90° inlet connection
- ❖ BS EN 14384:2005 compliant
- ❖ Configurable for lower or higher depth
- ❖ Variety of caps and outlet landing valves
- ❖ Automatic drain system removes water when main valve closes
- ❖ Externally sand-blasted for smooth finish



MODEL	INLET SIZE	HOSE OUTLET	PUMPER
SFH100-LPLD	4" (DN 100)		1x 4" BSP
SFH100-LPHD	4" (DN 100)	2 X 2.5" BSP (65mm)	1x 4" BSP
SFH150-LPHD	6" (DN 150)		1x 4" BSP
SFH150-LPLD	6" (DN 150)		1x 4" BSP
SFH100-LPHDAT	4" (DN 100)		1x 4" BSP
SFH100-LPLDAT	4" (DN 100)	2 X 2.5" BS 336 (delivery hose connector)	1x 4" BSP
SFH150-LPHDAT	6" (DN 150)		1x 4" BSP
SFH150-LPLDAT	6" (DN 150)		1x 4" BSP



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Wet Fire Hydrants



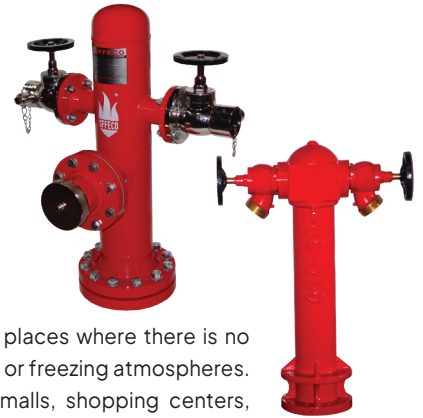
Models

SFD-250-WH (C) Closed Head

SFD-250-WH (F) Flange Head

- ❖ Standard Compliance: AWWA C503
- ❖ Nozzles: (1) 4.5" Pumper, (2) 2.5" Hose; threads per NFPA 1963
- ❖ Flange: ANSI B16.1, Class 125 (6") – other types on request
- ❖ Working Pressure: 250 psi (FM) | 200 psi (UL)
- ❖ Working Temperature: 42°F – 180°F
- ❖ Corrosion Protection: Interior/exterior e-coated (0.6 mil min) + fusion bonded epoxy (FBE)
- ❖ Note: Design/materials subject to change without notice

Wet Barrel Type (SFH 50 Series)



Wet Fire Hydrant is used in places where there is no danger of vehicle accidents or freezing atmospheres. It is better to be used in malls, shopping centers, colleges, hospitals etc.

General Features:

- ❖ Two numbers of 2½" hydrant landing valves with cap and chain are provided with the hydrants.
- ❖ The valves are of NST threads and normally PN20 rating.
- ❖ (Other pressure ratings are available upon request).

Pillar Dry Type (SFH Series)

- ❖ 100 SFH-800 – 4" inlet
- ❖ 100 SFH-1200 – 4" inlet
- ❖ 100 SFH-1500 – 4" inlet
- ❖ 150 SFH-800 – 6" inlet
- ❖ 150 SFH-1200 – 6" inlet
- ❖ 150 SFH-1500 – 6" inlet



Hydrant Cabinet and Accessories



SHC/750 Series

SHC/800 Series

Hydrant Cover



Front View

Side View

Open View

- ❖ The hydrant cover protects the hydrant from weather conditions and avoids vandalism
- ❖ Body made with steel / fiber
- ❖ Upper body painted in red color and lower body in black color
- ❖ With its two-part base, the cover can be attached to the hydrant without removing any part of the hydrant
- ❖ SF-HC/3 – 3"
- ❖ SF-HC/4 – 4"
- ❖ SF-HC/6 – 6"

Cabinet Design:

- ❖ Cabinet doors are made of 1.2 mm steel sheet with no sharp edges.
- ❖ Corrosion Protection-cabinets are painted with Electrostatic Powder Paint oven baked to protect against rust.
- ❖ Cabinet is designed to be weather-proof.
- ❖ All instructions are silk-screened on the Cabinet. No sticker.
- ❖ Other special series or equipments are available upon request.

Model: SHC/750 Series

Length	Width	Depth	Leg Height
1000mm	800mm	250mm	600mm

Model: SHC/800 Series

Length	Width	Depth	Leg Height
1500mm	800mm	250mm	100mm

Foam System and Equipments



Foam Concentrates

Foam concentrates are a type of fire-fighting agent used to extinguish Class A (ordinary combustibles) and Class B (flammable liquids) fires. When mixed with water, they create a foam blanket that works by separating oxygen from the fuel, cooling the fire, and preventing re-ignition.

- ❖ Aqueous Film Forming Foam Concentrate (AFFF)
- ❖ Alcohol Resistant Aqueous Film Forming Foam Concentrate (AR-AFFF)
- ❖ Fluoro Protein Foam Concentrate (FP)
- ❖ Film Forming Fluoro Protein Foam Concentrate (FFFP)
- ❖ Alcohol Resistant Film Forming Fluoro Protein Foam Concentrate (AR-FFFP)
- ❖ Fluorine Free Foam Concentrates (Fluorine Free AR SYNTHETIC)

Fire / Water Monitor

SF-20A
(Portable Type)



Aluminum alloy (ASTM 355.0) construction
One (1) of 2½" NH female swivel inlet & 2½" NH male outlet
135° vertical movement, controlled by lever
Horizontal movement 360° with positive twist locking mechanism
Weight: Approx. 15.0 kg
5 fold way stainless steel leg with spike

SF-23A
(Fixed Type)



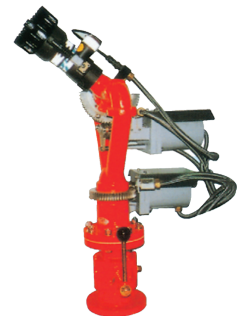
Lever operation
2" inside diameter double waterway
Bronze (ASTM c83600) or Cast Iron made
360° full horizontal and 140° vertical movement
ANSI #150, 3" (4") flanged and 2½" NH male outlet
Weight : approx. 25.0 kg Bronze
Packing dimension: 400 x 350 x 570mm

SF-26A
(Fixed Type)



Dual-gears manual operation
2½" two way waterway
Bronze construction ASTM c836 (or Cast iron)
360° full horizontal and 135° vertical movement
ANSI #150, 3" steel flange and 2½" NH male outlet
Weight : approx. 36.0 kg based on bronze material
Packing dimension: 400 x 350 x 570mm

SF-RCM 26
(Remote Controlled)



Electric operation type
Inlet - ANSI 4", 150F.F. flanged
Outlet - FE 65 (2½") male thread
Material: Bronze
Driving range: (Up & Down 90° & 45°)
Rotation: 340°



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Foam Bladder Tank (Vertical)

The vertical foam bladder tank is a compact, independent unit engineered for fixed firefighting foam applications. It features a carbon steel pressure vessel housing a reinforced elastomeric bladder that contains the foam concentrate. When water enters the system, the pressure squeezes the bladder, driving the concentrate to the proportioner at the correct mixing ratio.

- ❖ UL Listed
- ❖ SFFECO Standard
- ❖ Capacity: 20 to 4000 Gallon
- ❖ Max. Working Pressure: 12 Bar (175PSI)
- ❖ Foam Proportioning Ratio: 3% to 3.9%



Foam Bladder Tank (Horizontal)

The horizontal foam bladder tank is a reliable, self-contained storage unit designed for firefighting foam systems. It consists of a carbon steel pressure vessel containing an internal elastomeric bladder that holds the foam concentrate. When water enters the tank, it pressurizes the space between the shell and bladder, displacing the concentrate into the foam proportioner at the correct mixing ratio.

- ❖ UL Listed
- ❖ SFFECO Standard
- ❖ Capacity: 20 to 4000 Gallon
- ❖ Max. Working Pressure: 12 Bar (175PSI)
- ❖ Foam Proportioning Ratio: 3% to 3.9%



Foam System

The SFFECO Foam System is a robust firefighting unit designed with a corrosion-proof tank, external nitrogen pressurization, and flexible discharge options. It is equipped with skid-mounted hose reels, pressure monitoring, and customizable designs to meet different firefighting requirements.



Key Features:

- ❖ Heavy-duty tank with corrosion-resistant coating.
- ❖ Two external nitrogen cylinders for tank pressurization.
- ❖ Skid-mounted hose reel with 30-meter hose.
- ❖ Wide selection of foam educators, hoses, and nozzles.
- ❖ Customizable tank capacities and hose reel options.
- ❖ Pressure gauge for monitoring system pressure.

Foam Master 150

The Foam Master is designed for rapid deployment of foam to flammable liquid fires and chemical spills. Easy to handle, it can be operated by a single person

- ❖ Model: FM150 - 150 Ltr. Capacity
- ❖ Model: FM200 - 200 Ltr. Capacity



Key Features and Components:

- ❖ Foam Tank: Carbon steel (stainless steel optional)
- ❖ Foam Educator: 2", adjustable 1% - 6%
- ❖ Fire Hoses: 1¼" or 1½" dia., 15 m (2 pcs)
- ❖ Foam Branch Pipe & Foam Branch Pipe with Ball Valve
- ❖ Options: Special foam nozzles and branch pipes on request

Foam Station

Key Features:

- ❖ 1" or 1¼" x 30 m synthetic, water & age-resistant rubber hose
- ❖ 250 L stainless steel foam tank with large filler cap
- ❖ Stainless steel controllable foam branch pipe (dual use as water gun)
- ❖ Foam proportioner & heavy-duty inductor with adjustable admixing (0-6%)
- ❖ Mechanical foam liquid indicator for monitoring foam level
- ❖ 2½" angle valve with cap, NST thread for water connection
- ❖ 15 m foam throw from branch pipe for operator safety
- ❖ Quick-open high-pressure 2" ball valve for faster operation
- ❖ Pressure gauge for system pressure monitoring



Pre-Mixed Foam Unit

The unit is built from rugged welded steel with stainless steel fittings and houses a 250L, 600L, or 1200L premixed pressure vessel, pressurized with dry nitrogen from regulated cylinders in a steel locker.

Operating valves are accessible via a hinged door.

The SFS 250 and SFS 600 models include one hose reel with a 25mm x 30m hose and 190 L/min aspirating foam nozzle, while the SFS 1200 can be fitted with two reels.

Remote actuation gear is available, and the design meets offshore requirements with lifting and tie-down hooks for easy handling and installation.



Foam Generator



- ❖ SFPECO High Expansion Foam Generator (SF 31-3M / SF 31-3F)
- ❖ Application: Total flooding – basements, tunnels, mines, cable ducts, warehouses
- ❖ Operation: Powered by pressurized water supply and high-expansion foam concentrate
- ❖ Function: Produces high-expansion foam for rapid smoke extraction & positive pressure ventilation

Mini Foam Generator



The SFPECO SF-31-4N and SF-31-5N mini foam generators operate at 5 bar with 200 LPM discharge, ideal for rapid fire suppression.

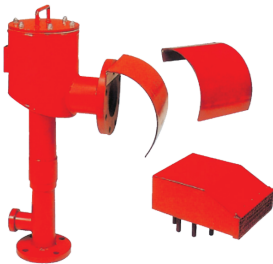
The SF-31-4N delivers 10 m³/min foam with an 8 m reach in a compact 4 kg unit, while the SF-31-5N provides up to 20 m³/min foam with a reach of 20 m, offering greater capacity for larger applications.

Foam Branch Pipe



The foam branch pipe is a lightweight, portable nozzle designed to generate and project finished foam for firefighting applications. It is commonly used with foam concentrates and proportioning devices for tackling Class B fires involving flammable liquids. Applications are Fuel storage areas, Refineries & petrochemical plants, Aircraft hangars, Chemical industries, Fire brigades & emergency response teams, etc.

Foam Chamber



Designed for the protection of flammable liquid storage tanks, foam chambers are installed just below the tank roof joint. Foam solution from an external proportioning source passes through a foam maker into the chamber, where a deflector ensures gentle foam application on the fuel surface.

- ❖ Working Pressure: 3 – 7 bar
- ❖ Finish: Red epoxy painted

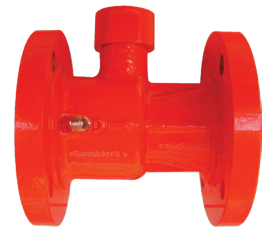
Air Foam Water Sprinkler



Fixed system employing sprinklers have great utility in fire protection of aircraft hangars, chemical process areas, petroleum loading racks, terminals, refineries, and flammable liquid storage.

- ❖ Model: 500, 520, 550
- ❖ Type: Upright / Pendant
- ❖ Material: Cast Brass / Brass / SS

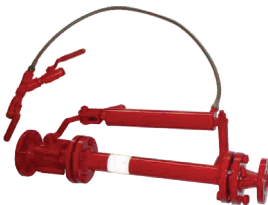
Pressure Proportioner



SFPECO Pressure Proportioner (Ratio Controller) is used to produce constant present foam solution in pressure proportioner systems. It is available in various flow rates.

- ❖ Test Pressure: 25 bar
- ❖ Finishing: Red Epoxy Painted
- ❖ Flange: Ansi B16.5 Class 150#

Hydraulic Concentrate Control Valve



The SFPECO Foam Concentrate Control Valve is designed for bladder tank or inline balanced-pressure foam systems. It opens automatically when water supply reaches the system's inlet, operating at a minimum pressure of 3 kg (42.8 psi) without requiring electricity.

Models:

SF-CV / 40 with 40 NB Size, SF-CV / 50 with 50 NB Size and SF-CV / 65 with 65NB Size

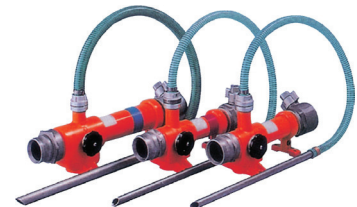
Rim Seal Pourer



SFPECO Rim Seal Pourer delivers fully aspirated foam to the annular seal of floating roof tanks for effective fire suppression.

Specs: Carbon steel, red epoxy, 53–556 LPM.

Foam Eductor



The SFPECO Foam Eductors are designed for efficient foam induction in firefighting systems.

Made from bronze, stainless steel, or aluminum alloy with a red-painted finish, they are available in multiple models to suit different flow rates and nozzle configurations, ranging from 50 LPM to 950 LPM at 7 bar, with sizes from 1" to 2.5".



Fire Rated Doors and Frames



**UPTO 3 HR
FIRE RATING**

SFFECO is a globally recognized leader in fire protection solutions, delivering ISO9001-certified products that meet the highest international safety standards. Our fire-rated doors and frames are designed with strength, durability, and precision, manufactured in state-of-the-art facilities using advanced CNC technology. Whether for commercial, industrial, or residential use, SFFECO ensures uncompromised safety, functionality, and elegant design to protect lives and property.

Key Features:

- ❖ Manufactured at fully automated facilities ensuring consistent quality and finish.
- ❖ Wide range of single and double fire-rated doors tailored to requirements.
- ❖ Designed for drywall and masonry construction.
- ❖ Available in cold rolled or galvanized steel for added durability.
- ❖ Elegant finish with factory primer or customized powder-coated colors.
- ❖ Accessories and custom options including glass vision panels, louvers, exit devices, and handles.

Model SF/SD (Single Door)

- ❖ Fire Rating: upto 3 hour
- ❖ Fire Rating: upto 1 hour with louver
- ❖ Temp. Rise Rating: 250°C
- ❖ Maximum size of door leaf: (W: 1092mm, H: 2210mm, D: 45mm)
- ❖ Maximum size of door including frame: (W: 1200mm, H: 2261mm, D: 300mm)

Model SF/DD (Double Door)

- ❖ Fire Rating upto 1 hour
- ❖ Temp. Rise Rating: 250°C
- ❖ Maximum size of door leaf: (W: 2210mm, H: 2210mm, D: 45mm)
- ❖ Maximum size of door including frame: (W: 2313 mm, H: 2269mm, D: 300mm)

Material

- ❖ Cold Rolled Steel
- ❖ Galvanized Steel (Recommended for coastal areas)

Insulation

- ❖ Ceramic Stiffened Steel Door (CSSD)

Color

- ❖ Red, Beige, Grey or Other colors as requirement





Fire Rated Doors and Frames

Fire Rated by Thomas Bell Wright – Saudi Arabia

SFFECO Standard Fire Rated Doors are designed and manufactured to meet diverse architectural requirements while ensuring safety and durability. With a precise finish and elegant appearance, these fire doors are suitable for a wide range of applications, including dry wall and masonry construction. Available in various sizes and designs, they offer flexibility to suit different project needs.

Model SF/SD (Single Door)

- ❖ Fire Rating: upto 3 hour
- ❖ Temp. Rise Rating: 180°C
- ❖ Maximum size of flush door leaf:
(W: 1246mm, H: 2446mm, D: 45mm);
- ❖ Maximum size of vision door:
W: 1084mm, H: 2127mm, D: 45mm)
- ❖ Maximum size of door including frame: (W: 1350mm, H: 2500mm, D: 300mm)

Model SF/DD (Double Door)

- ❖ Fire Rating upto 3 hour
- ❖ Temp. Rise Rating: 180°C
- ❖ Maximum size of flush door leaf:
(W: 1201mm, H: 2132mm, D: 45mm)
- ❖ Maximum size of vision door:
W: 1045mm, H: 2132mm, D: 45mm)
- ❖ Maximum size of door including frame: (W: 2500mm, H: 2500mm, D: 300mm)

Key Features:

- ❖ Manufactured at fully automated facilities ensuring consistent quality and finish.
- ❖ Wide range of single and double fire-rated doors tailored to requirements.
- ❖ Designed for drywall and masonry construction.
- ❖ Available in cold rolled or galvanized steel for added durability.
- ❖ Elegant finish with factory primer or customized powder-coated colors.
- ❖ Accessories and custom options including glass vision panels, louvers, exit devices, and handles.
- ❖ Standard door leaf thickness: 45mm.
- ❖ Standard material thickness: 1.2mm for doors and 1.5mm for frames.
- ❖ Factory primed as standard, with powder coating available upon request.
- ❖ Available in different sizes and designs to meet architectural needs.

Material Options:

- ❖ Door & Frame: Galvanized Steel.
- ❖ Recommended for coastal environments: Galvanized Steel.

Insulation Materials:

- ❖ Rock Wool (Standard).

Color Options:

- ❖ Red, Beige, Grey.
- ❖ Other custom colors available upon request.



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Fire Valves



SFFECO offers a comprehensive selection of fire protection valves designed to meet the diverse needs of fire suppression and protection systems. Our product line includes **Butterfly Valves**, **Gate Valves (both NRS and OS&Y types)**, **Check Valves**, and other essential valve solutions, each engineered to ensure reliable performance under demanding conditions. These valves are a critical component in controlling, directing, and regulating water flow within fire protection networks, making them indispensable for system efficiency and safety.

All SFFECO Fire Fighting Valves are **manufactured to the highest international standards of quality and durability**. Where applicable, our valves carry **UL (Underwriters Laboratories) listing and FM (Factory Mutual) approval**, reflecting compliance with stringent global safety requirements. With proven reliability, robust construction, and third-party certifications, SFFECO valves provide confidence to consultants, contractors, and end-users alike, ensuring long-term performance and peace of mind in fire protection systems.

OS&Y Gate Valves (365 psi)

SF-GV-O-341-FF

Gate Valve OS&Y Type-Flanged Ends



Working Pressure : 365PSI
Size : 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 inches
Connection Ends : ANSI CLASS125 /
ANSI CLASS150

SF-GV-O-341-FG

Gate Valve OS&Y Type-Flanged-Groove Ends



Working Pressure : 365PSI
Size : 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 inches
Connection Ends : ANSI CLASS125 /
ANSI CLASS150 / AWWA C606

OS&Y Gate Valves (365 psi)

SF-GV-O-341-FJ

Gate Valve OS&Y Type-Flanged-MJ Ends



Working Pressure: 365PSI

Size: 3, 4, 6, 8, 10, 12 inches

Connection Ends: ANSI 125 / ANSI 150 /
/ AWWA C153

SF-GV-O-341-GG

Gate Valve OS&Y Type-Groove-Groove
Ends



Working Pressure: 365PSI

Size: 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 inches

Connection Ends: AWWA C606

SF-GV-O-341-JJ

Gate Valve OS&Y Type-MJ-MJ Ends



Working Pressure: 365PSI

Size: 3, 4, 6, 8, 10, 12 inches

Connection Ends: ANSI / AWWA C153

OS&Y Gate Valves (200/250/300 psi)

SF-GV-O-333-FF

OS&Y type Flanged Ends



Working Pressure:

200PSI / 250PSI / 300PSI

Available sizes : 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 Inches

Connection Ends: ANSI B16.1 CLAS 125/B16.42 CLASS 150

Fusion bonded coating comply with AWWA C550

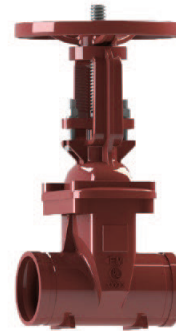
Larger Sizes are available upon request:

Size: 14, 16 & 18 Inches (250 psi)

Size: 20 & 24 Inches (200 psi)

SF-GV-O-333-GG

OS&Y type Groove - Groove - Ends



Working Pressure:

200PSI / 250PSI / 300PSI

Available sizes : 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 Inches

Connection Ends: AWWA C 606

Connection types:

Flanged ends (F), Grooved ends (G), Flange to Grooved ends (FG), Flange to Mechanical Joint ends (FJ), Mechanical Joint to Mechanical joint (MJ) ends.



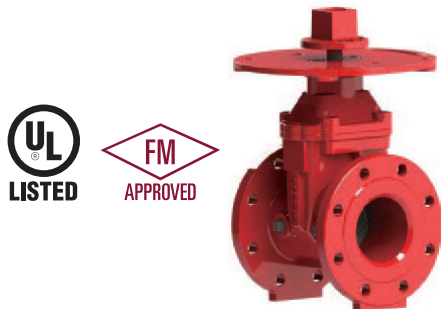
In keeping with our policy of continuous product improvement,
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SAUDI FACTORY FOR FIRE EQUIPMENT Co.

NRS Gate Valves (365 psi)

SF-GV-N-345-PFF

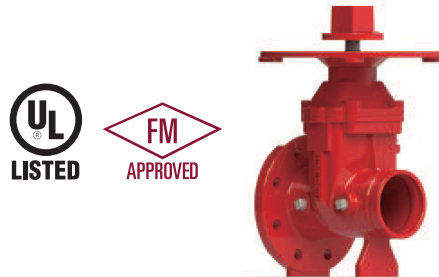
Gate Valve NRS Type-Flanged-Ends



Working Pressure: 365PSI
 Size: 2.5, 3, 4, 5, 6, 8, 10, 12 Inches
 Connection Ends: ANSI CLASS125 /
 ANSI CLASS150

SF-GV-N-345-PFG

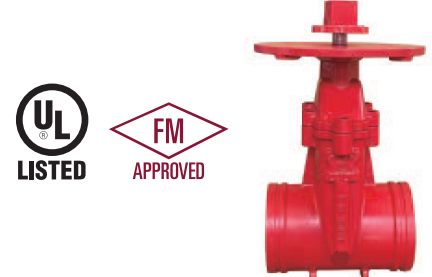
Gate Valve NRS Type-Flange-Groove-
 Ends



Working Pressure: 365PSI
 Size: 2.5, 3, 4, 5, 6, 8, 10, 12 Inches
 Connection Ends: ANSI CLASS125 /
 ANSI CLASS150 / AWWA C 606

SF-GV-N-345-PGG

Gate Valve NRS Type-Groove-Groove-
 Ends



Working Pressure: 365PSI
 Size: 2.5, 3, 4, 5, 6, 8, 10, 12 Inches
 Connection Ends: AWWA C 606

SF-GV-N-345-PJJ

Gate Valve NRS Type-MJ-MJ Ends



Working Pressure: 365PSI
 Size: 3, 4, 6, 8, 10, 12 Inches
 Connection Ends: ANSI / AWWA C153

SF-GV-N-345-PFJ

Gate Valve NRS Type-Flanged-MJ Ends



Working Pressure: 365PSI
 Size: 3, 4, 6, 8, 10, 12 Inches
 Connection Ends: ANSI 125 / ANSI 150 / AWWA C 153

NRS Gate Valves (200/250/300 psi)

SF-GV-N-322-FF

NRS Type Flanged Ends

Working Pressure: 200PSI/ 250PSI / 300PSI
 Size: 2-1/2, 3, 4, 5, 6, 8, 10, 12 Inches
 Connection Ends: ANSI B16.1 CLAS 125/B16.42 CLASS 150
 Fusion bonded coating comply with AWWA C550

Larger Sizes are available upon request:

Size: 14, 16 & 18 Inches (250 psi)
 Size: 20 & 24 Inches (200 psi)



Connection types:

Flanged ends (F), Grooved ends (G), Flange to Grooved ends (FG), Flange to Mechanical Joint ends (FJ), Mechanical Joint to Mechanical joint (MJ) ends.

Check Valves (365 psi)

SF-CV-58-GGP

Swing Check Valve Resilient Seated Grooved Ends



Working Pressure: 365PSI

Size: 2, 2.5, 3, 4, 5, 6, 8, 10, 12 Inches

Connection Ends: AWWA C 606

SF-CV-58-FF

Swing Check Valve Resilient Seated Flanged Ends



Working Pressure: 365PSI

Size: 2, 2.5, 3, 4, 5, 6, 8, 10, 12 Inches

Flanged Ends: ANSI B16.1 CLASS125 / B16.42 CLASS150

Check Valves (300 psi)

SF-CV-55-FF

Swing Check Valve Resilient Seated Flanged Ends



Working Pressure:
200PSI / 250PSI / 300PSI

Size: 2, 2.5, 3, 4, 5, 6, 8, 10, 12 Inches

Flanged Ends: ANSI B16.1 CLASS125 / B16.42 CLASS150



Butterfly Valves

SF-BV-25-W

Wafer Butterfly Valve With Signal Gear Box



Working Pressure:
200PSI / 250PSI / 300PSI

Size: 2.5, 3, 4, 5, 6, 8, 10, 12 Inches

Connection Ends: ASME B16.42 / Class150

SF-BV-25-L

Lugged Butterfly Valve With Signal Gear Box



Working Pressure:
200PSI / 250PSI / 300PSI

Working Temperature: -20°C ~ 100°C

Connection Ends: ASME B16.42 / Class150

SF-BV-25-GG

Grooved Butterfly Valve With Signal Gear Box



Working Pressure: 200PSI / 250PSI / 300PSI

Working Temperature: -20°C ~ 100°C

Connection Ends: AWWA C606



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SAUDI FACTORY FOR FIRE EQUIPMENT Co.



Available High Pressure
25, 42, 50 bar
(360, 610, 725 psi)

Prime Series Fire Extinguishing System



Clean Agent Fire Protection for Maximum Safety

SFFECO Prime Series clean agent fire extinguishing systems fight fires using HFC-227ea or FK-5-1-12, both highly efficient clean agents. These extinguishing agents are particularly suitable for protecting spaces with electronic and electrical equipment, providing an economical fire protection solution for small and medium-sized rooms.

How It Works

- ❖ The extinguishing agent is stored in liquid form and converts into gas upon release.
- ❖ The gas quickly spreads through the protected area, even reaching concealed fire sources.
- ❖ Fires are extinguished within seconds, minimizing damage, downtime, and business interruption.
- ❖ Clean agents are non-corrosive, non-conductive, residue-free, and safe for occupied areas.

System Configurations

- ❖ **Single-Zone System:** Protects a single enclosed area.
- ❖ **Multi-Zone System:** Protects two or more separate areas with one central agent storage configuration.

50 Bar Technology Benefits

Available with advanced 50 bar technology (optional), the system offers greater flexibility compared to the standard 25 bar and 42 bar configurations. It enables longer and more complex piping routes, allows cylinders to be stored outside the protected area, and supports flexible system designs tailored to specific site requirements.

Key Advantages

- ❖ **Fast Response:** Discharges in seconds to stop fires at the earliest stage.
- ❖ **No Secondary Damage:** Unlike water, foam, or powder, clean agents leave no residue.
- ❖ **Safe for Electronics:** Ideal for data centers, control rooms, and sensitive equipment.
- ❖ **People-Safe:** Approved for use in occupied spaces at design concentration.
- ❖ **Compact Storage:** Requires smaller agent quantities, allowing space-saving cylinder storage.
- ❖ **Eco-Friendly Option:** FK-5-1-12 offers zero ozone depletion and low global warming potential.

Applications

- ❖ Data Centers & Server Rooms
- ❖ Control Rooms & Communication Hubs
- ❖ Power Generation Facilities
- ❖ Archives, Libraries & Museums
- ❖ Medical & Laboratory Facilities

Technical Specifications

- ❖ Cylinder Volumes : 22 L, 40 L, 80 L, 140 L, 180 L
- ❖ Cylinder Pressure : 25, 42, 50 bar (360, 610, 725 psi)
- ❖ Extinguishing Agent : HFC-227ea / FK-5-1-12
- ❖ Operating Temperature : -18°C to +50°C (0°F to +122°F)
- ❖ Working Pressure : 60 bar / 60°C (870 psi / 140°F)
- ❖ Cylinder Finish : RAL 3000 Flame Red





High Pressure Carbondioxide Fire Extinguishing System

Approvals:

UL Listed / SFFECO Standard

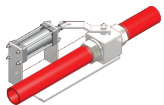
CO₂ is a colorless, odorless, electrically nonconductive gas that is a suitable medium for extinguishing fires. When a fire is detected, the CO₂ suppression system will activate and discharge CO₂ into the area where the fire is present. The CO₂ displaces the oxygen in the environment which will cause the fire to be extinguished.

On large hazards where several cylinders are required, a manifold is used to connect each cylinder by means of flexible hoses and check valves. Cylinder valves control the CO₂ flow to the hazard through properly sized pipe, terminating in nozzles that apply the CO₂. Flow rate is controlled by nozzle orifices as well as pipe sizes. The master cylinder valves can be automatically and/or manually operated.

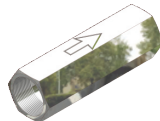
General Features:

- ❖ Suppress fire quickly
- ❖ Non - conductivity helps to use on live electrical equipment
- ❖ Leaves no residue and is not as damaging to electrical equipment as powder
- ❖ Suitable for class B and Electrical fires
- ❖ Can be used at IT server room, art galleries, museums, laboratories, document storage, etc.

Carbondioxide System Components



Directional Valve



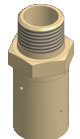
Inline Check Valve



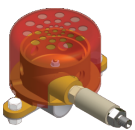
CO₂ Discharge
Nozzle (Dome Type)



CO₂ Discharge
Nozzle (Reset Type)



CO₂ Discharge
Nozzle (Open Type)



Pressure Operated
Siren



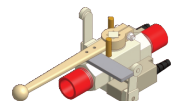
Bleeder Valve



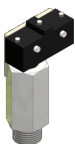
Non Return Valve



Safety Release Valve



Lock Out Valve



Pressure Switch



High Pressure Flexible
Hose with Swivel Nut



12mm-Valve for Fire
Suppression Systems



12mm-Solenoid Valve for
Fire Suppression Systems



Pneumatic Valve



Pneumatic / Manual
Actuator for Valves



Cylinder Mounting
Frame



Pneumatic Time Delay Unit



Mechanical Weight
Loss Indicator



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SAUDI FACTORY FOR FIRE EQUIPMENT Co.

Kitchenhood Fire Extinguishing System

The kitchen is one of the most fire-prone areas, especially in restaurants and hotels where Class F fires from grease and oils are common. The SFFEKO Wet Chemical Fire Suppression System is designed to tackle these hazards quickly and effectively.

With a stainless steel design that blends with modern kitchen equipment, the system offers performance, reliability, and aesthetics. Once a fire is detected, the system automatically releases the extinguishing agent, shuts off the appliance's energy source, and suppresses flames—protecting both people and property.

Product Features

- ❖ **Fast Detection & Suppression:** Uses heat and flame detectors with multiple points for quick response.
- ❖ **Wide Coverage:** Wet chemical agent extinguishes fires and prevents re-flash.
- ❖ **Durable Design:** Stainless steel components blend with modern kitchens.
- ❖ **Easy Installation:** Flexible piping suits different layouts.
- ❖ **Quick Cleanup:** Agent wipes away easily for fast operation recovery.
- ❖ **Reliable Protection:** Functions even during power outages



10L X 2

For 7~10m Kitchen hood

Agent Capacity	10L x 2
Activation Temperature	180°C
Spray Nozzle	14 ~ 18 pc
Discharging Time	≥30
Working Temperature	0 - 55°C
Fuel Cut-Off Valve	Depending
Drive Gas Charging	145±5 g
Protective Range	7 ~ 10 meters
Drive Gas Pressure	12 mpa



10L X 1

For 3~5m Kitchen hood

Agent Capacity	10L x 1
Activation Temperature	180°C
Spray Nozzle	7 ~ 10 pc
Discharging Time	≥30
Working Temperature	0 - 55°C
Fuel Cut-Off Valve	Depending
Drive Gas Charging	145±5 g
Protective Range	7 ~ 10 meters
Drive Gas Pressure	12 mpa



It is simple to install and having sensitive detection system to assure sensing fire from the cradle and injecting the wet chemical agent in a way to secure quick fire extinguishing.

Two different sizes of cylinders are available to hold different capacities of extinguishing agent. Other sizes are available up on customer requirement.

Cylinder Size	Cylinder Height without valve	Cylinder Height with valve	Cylinder Dia
15 Ltr	84 cm	98 cm	19 cm ø
25 Ltr	78 cm	92.5 cm	28 cm ø

Thermo-Act Fire Extinguishing System



Direct System



Indirect System

SFFECO Thermo-Act systems are the advanced technology of automatic fire suppression systems. The systems provide a self-activating suppression system that suppresses fires in seconds. Extinguishing agent is basically clean agent. They are simple design and installation with low maintenance, highly cost effective and reliable. The electrical or pneumatic sources shall not be required to our Thermo-Act systems. The systems can be used in the presence of an increased risk of fire.

SFFECO Thermo-Act systems utilize fire flexible tube for fire detection. Thus, the fire detection and extinguishing system is not required to detect and discharge.

SFFECO Thermo-Act direct system for low pressure agent as shown below uses the flexible tube as both the detection device and extinguishing discharge system. In case of fire, the section of tube most exposed to heat will rupture forming a discharge nozzle. The suppressant agent is then completely released due to pressure drop in the tube.

SFFECO Thermo-Act indirect system for low pressure agent as shown below uses the tube as a fire detection device only. The fire suppression agent is delivered through a special copper or stainless steel tubing system. Once the tube ruptures due to heat exposure, the drop in pressure activates the indirect valve to direct the flow of suppression agent to diffuser nozzles via a fixed tubing system. This system is usually used in large areas.

Product Features

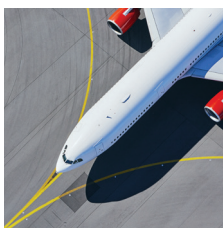
- ❖ Linear detection line.
- ❖ Rapid reaction time.
- ❖ 24 hours a day ready for use.
- ❖ No external power supply.
- ❖ Flexible positioning of the flexible tube.
- ❖ Can be installed into inaccessible areas.
- ❖ Minimal environmental damages.
- ❖ No accidental discharges through a disruption of the fire detector
- ❖ Governmental and insurance approvals
- ❖ Not affected by vibration or knocks
- ❖ Quick and simple installation in new or existing cabinets
- ❖ Low price - high performance relationship
- ❖ Minimum maintenance.
- ❖ Easy maintenance & checking
- ❖ Short delivery
- ❖ Easy replacement
- ❖ Different Sizes

Direct Activation Models:

THD-CA-3, THD-CA-6, THD-CA-7, THD-CA-12, THD-CA-15, THD-CA-18

Indirect Activation Models:

THS-CA-3, THS-CA-6, THS-CA-7, THS-CA-12, THS-CA-15, THS-CA-18



**Airport and
Aviation**



**Server and
Computers**



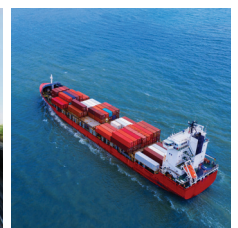
Electrical Panels



Road Transports



Rail Transports



Marine Vehicles



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SAUDI FACTORY FOR FIRE EQUIPMENT Co.

Fire Extinguishing System for Heavy Truck Engines

Automatic Fire Extinguishing System for heavy truck engines; are most commonly used in different mining vehicles, industrial equipment, such as truck, tractor, bus, military vehicle, on-road equipment and off-road equipment. Because they are non-conductive, they can be utilized to not only suppress fires in ordinary combustible materials, but also on flammable liquid fires that involve live electrical equipment.

The detection cable is flexible. It connects to the control panel and detects the temperature anywhere in the protected space. Once the temperature reaches 180°C (or 138°C), the detection cable sends a signal to the control panel. The control panel then activates the solenoid valve to open it, after which the fire agent is discharged from the discharge pipes and nozzles. At the same time, the fire alarm is activated, and the control panel outputs a signal to the vehicle controller to shut off the engine.

On the control panel, there is a manual button, reset button, lights, etc. In an emergency, pressing the manual button can also activate the fire system. The control panel can also be connected to two or more remote manual buttons.

If the detection cable not connected to control panel or damaged the, the control panel will alarm.

This system is suitable for use in different types of mining vehicles, such as loading machines, wheel loaders, excavators, bulldozers, and other construction vehicles.

Product Features:

- ❖ Fast detection and high efficiency
- ❖ Rechargeable
- ❖ Adapted to tough environments
- ❖ Lightweight, not burdensome to equipment
- ❖ Simple installation and maintenance
- ❖ Suitable for heavy duty mining machine
- ❖ Control panel easy operation

Specifications:

Activation Temperature	138°C or 180°C
Power Required	24V DC (Transformer Optional)
Extinguishing Agent	AFFF Foam, Powder, FK-5112, etc.
Cylinder Capacity	6L to 106L
Working Pressure	14 Bar
Test Pressure	27 Bar
Cylinder Type	Steel Red Painted or Stainless Steel 304

Cylinder Types:

- ❖ Single Cylinder & Single Outlet : 6 Kg ~ 12 Kg
- ❖ Single Cylinder & 2 Outlets : 18 Kg ~ 100 Kg
- ❖ 2 ~ 4 Cylinder & Single Outlet : 6 Kg ~ 12 Kg
- ❖ 2 ~ 4 Cylinder & 2 Outlets : 25 Kg ~ 100 Kg



Watermist Fire Extinguishing System

Advanced Firefighting with the Power of Water Mist

The SFFECO Water Mist System is a revolutionary approach to firefighting, offering a unique blend of water-based and gas suppression technologies. By forcing high-pressure water through specialized nozzles, our system creates a super-fine mist of tiny droplets. This mist provides dual-action extinguishment: it not only cools the fire's heat, but also rapidly expands into vapor when it contacts flames. This vapor then displaces oxygen, effectively smothering the fire like a gas suppression system. This innovative method provides faster fire control and significantly reduces the risk of damage to people and property.

Versatile Protection for a Wide Range of Applications

From commercial kitchens to complex industrial environments, the SFFECO Water Mist System offers versatile protection you can depend on. The system is highly effective on a wide range of fire classes, including Class A (solid combustibles), Class B (flammable liquids), Class C (gases), Class E (electrical), and Class K (cooking oils). Its ability to cool flames and displace oxygen makes it an ideal solution for challenging applications such as engine test rooms, tunnels, electrical rooms, and locomotive power rooms. Beyond extinguishment, the system can also be used for temperature control, wetting solid fuels to prevent fire spread, and protecting valuable assets.

- ❖ **Dual-Action Extinguishment:** The super-fine water mist cools the fire and, upon contact with flames, expands into vapor to displace oxygen, extinguishing the fire quickly and efficiently.
- ❖ **Rapid Heat Absorption:** The fine mist absorbs heat radiation, effectively controlling temperature and minimizing damage to people and property.
- ❖ **Broad Fire Class Coverage:** A single system is highly effective on Class A, B, C, E, and K fires.
- ❖ **Reduced Water Usage & Minimal Damage:** The system uses a fraction of the water of a traditional sprinkler system, leading to less water damage and easier cleanup after activation.
- ❖ **Environmentally Friendly:** Uses only water, making it a safe and sustainable alternative to chemical agents.
- ❖ **Ideal for Challenging Environments:** A perfect solution for engine test rooms, utility tunnels, electrical rooms, and other specialized areas where traditional water or gas systems may be unsuitable.
- ❖ **Advanced Suppression & Control:** Not only does it extinguish fires, but it also provides excellent fire control, suppression, and temperature management to prevent fire spread.



Cylinder Type Water Mist System



Pump Type Water Mist System

Specifications:

Water Capacity	70L, 90L, 120L, 150L, 180L
Working Pressure	5.3MPa

Configuration:

- ❖ 112 L/Min: One working unit, one reserve unit.
- ❖ 224 L/Min and above: Multiple working units with one spare unit.

Flow Rates : from 112 L/Min up to 784 L/Min.
 Working Pressure : 14 MPa
 Pump Speed : 1470 r/Min.



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Firefighting Vehicles



SFFECO is a pioneer and recognized leader in the fire-fighting industry, established in 1983, with a strong legacy of innovation, reliability, and excellence. Over the years, the company has built a reputation as a trusted one-stop solution provider for the complete range of Fire Protection Systems and Services, serving customers across industries and regions. What sets SFFECO apart is not only its ability to supply high-quality equipment, but also its vision to design and deliver integrated solutions that ensure maximum safety, efficiency, and performance. Firefighting vehicles today have evolved far beyond the concept of simple water carriers. They are advanced machines engineered with cutting-edge technology to serve multiple roles in emergency situations. Modern fire safety vehicles can provide critical first aid and emergency medical support to save lives, reach towering heights in urban areas, deploy specialized suppression agents depending on the type of fire, and navigate through complex terrains and narrow spaces that were once thought impossible to access. These capabilities highlight the importance of innovation and adaptability in fire safety, and SFFECO remains at the forefront of these advancements.

With over four decades of experience, SFFECO designs and manufactures fire-fighting vehicles to meet diverse operational needs across municipal, industrial, and specialized environments. Our portfolio includes a wide range of standard and custom-built units, ensuring flexibility to address unique client requirements. Backed by expert engineers and skilled technicians, every project is delivered to world-class standards with a focus on safety, durability, and reliability, making SFFECO a trusted global partner in fire protection.

Our product range includes:

- ❖ Mixed fire fighting truck
- ❖ Mini fire fighting truck
- ❖ Rapid response vehicle
- ❖ Light rescue vehicle
- ❖ Fire fighting support vehicles
- ❖ Trailer skid units

Chassis compatibility:

We manufacture fire-fighting trucks over a wide range of globally recognized chassis brands, including:

- ❖ GMC
- ❖ FORD
- ❖ MERCEDES BENZ
- ❖ VOLVO
- ❖ MAN
- ❖ IVECO
- ❖ ISUZU
- ❖ HYUNDAI
- ❖ RENAULT
- ❖ MITSUBISHI

Hawk 1 RIV 1

Rapid Intervention Vehicle

The body structure is designed for rugged operations, with compartments for tools, secure holders for safe storage and quick access, and service openings for vital inspection and maintenance.



- ❖ Built over GMC3500HD / Ford 350HD
- ❖ Single Cabin
- ❖ Water Tank Capacity is 800L - 1000L
- ❖ Foam Tank Capacity is 100L - 200L

Hawk 1 RIV 2

Rapid Intervention Vehicle

commonly built on IVECO chassis, is a compact and cost-efficient rapid intervention vehicle designed for municipal and industrial fires, ensuring reliable performance in urban areas with limited access.



- ❖ Built over IVECO / Ford F550 Chassis
- ❖ Single Cabin
- ❖ Water Tank Capacity is 1200L - 2000L
- ❖ Foam Tank Capacity is 100L - 200L

Hawk Series 2

Medium Size Firefighting Vehicle

built on IVECO/Mercedes chassis, is a robust and versatile firefighting vehicle designed for municipal and industrial emergencies, offering high water and foam capacity, extended operations, and unmatched reliability.



- ❖ Built over IVECO or Mercedes Chassis
- ❖ Single Cabin
- ❖ Water Tank Capacity is 3000L - 5000L
- ❖ Foam Tank Capacity is 300L - 500L

Hawk Series 3

Medium Size Firefighting Vehicle

commonly built on IVECO chassis, is a high-performance fire truck with enhanced water and foam capacity, specialized equipment, and superior reliability for both municipal and industrial firefighting operations.



- ❖ Built over IVECO Chassis
- ❖ Single Cabin
- ❖ Water Tank Capacity is 5500L - 7500L
- ❖ Foam Tank Capacity is 550L - 750L

Hawk Series 4

Long Size Firefighting Vehicle

commonly built on IVECO/Mercedes chassis, is a robust firefighting vehicle with advanced pumps and foam systems, designed for high-risk industrial environments like oil refineries and chemical plants.

- ❖ Built over IVECO / Mercedes Chassis
- ❖ Single Cabin
- ❖ Water Tank Capacity is 8000L - 15000L
- ❖ Foam Tank Capacity is 800L - 1500L





Road Runner

Compact, Powerful, and Highly Efficient

The SFECO Road Runner is an advanced water mist firefighting system that uses minimal water to combat large fires, making it ideal for areas inaccessible to conventional fire trucks, such as alleys, aisles, city streets, forests, and deserts. Designed for early-stage fire control, it ensures fast, effective, and safe operation.

Built on a 4x4 motorcycle platform, the Road Runner is agile, robust, and operable by a single person, featuring front and rear brakes and wide tires for enhanced stability and safety. Equipped with a high-pressure pump and hose reel, it delivers maximum efficiency in compact form.

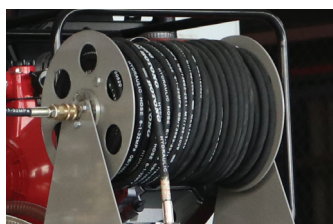
The SFECO Road Runner combines speed, maneuverability, and advanced firefighting technology, providing a reliable and efficient solution for tackling fires in challenging environments.

Model T550

- ❖ 4x4 motorcycle with 32.6 HP engine
- ❖ Single-person operation with simple, fast procedure
- ❖ 100L water tank
- ❖ Two 4.5kg powder extinguishers
- ❖ 50-meter hose reel with water mist nozzle
- ❖ Two Linhai gasoline engine pumps
- ❖ Winch system
- ❖ Maximum weight capacity: 315 kg
- ❖ Tow capacity: 200 kg
- ❖ Bed box capacity: 150 kg
- ❖ Seating capacity: 2 persons

Model M550

- ❖ 4x4 motorcycle with 32.6 HP engine
- ❖ Single-person operation with simple, fast procedure
- ❖ 100L stainless steel water tank
- ❖ Two 4.5kg powder extinguishers
- ❖ 30-meter hose reel with water mist nozzle
- ❖ Linhai gasoline engine pump
- ❖ Winch system



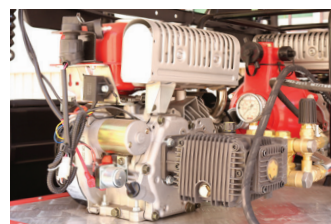
High pressure hose reel
Hose Reel and Water Mist Jet
Nozzle; Hose Length: 50 meter



Head Lights and all Indicator
Lights including a hazardous
beacon light.



Available a Winch with Remote
Controlled Operation



High pressure Pump
Linhai Brand Gasoline Engine
Model: SPE 175



Mini Foam Car



SFFECO Model FC 100L series Foam Fire car is a unique Fire Fighting Battery operated car which has been specifically designed keeping in view the safety requirements of large Shopping Malls, Exhibition grounds, Pilgrim centers, Historical Monument sites, Tourist spots, etc.

Foam tank is pressurized by CO2 Cartridge and foam is discharged through a 20M delivery hose mounted on a reel. 2Nos. Dry Chemical Powder Extinguishers are also provided along with Fire tools like ladder and Fire axe.

- ❖ Extinguishing Agent: AFFF Foam
- ❖ Capacity: 100 L
- ❖ Duration of Discharge: 3 min
- ❖ Range of Discharge: 15 Meter
- ❖ Hose Length: 20 Meter

Foam Trailer Units

These units are specialized trailers designed for firefighting and emergency response. They consist of a trailer chassis with a large tank, a pump, and a hose reel. The trailers are compact and mobile, allowing them to be quickly deployed to an incident site and towed by a variety of vehicles. They provide a rapid-response capability without requiring a full-sized foam tender truck.



Water tank: upto 1000L
Hose reel: 30m
Pump: Honda



Water tank: upto 1000L
Hose reel: 30m
Pump: Tohatsu High Performance Pump



Foam: 20L x 4
Lever operated monitor
Accessories compartment



Water tank: upto 500L
Synthetic Hose
Pump: Honda



Water tank: upto 750L
Hose reel: 30m
High Performance Pump



Foam or water tank
Accessories compartment
Dual source operation



In keeping with our policy of continuous product improvement, SFFECO reserves the right to change specifications without prior notice.

شركة المصنع السعودي لأجهزة الإطفاء
SAUDI FACTORY FOR FIRE EQUIPMENT Co.

EV Safety Charger Unit

The EV Safety Charger Unit is designed to safely and efficiently charge electric vehicles while ensuring maximum protection for both the vehicle and the user. It integrates advanced safety features and intelligent charging controls to prevent hazards and enhance reliability.



Vehicle Fire Blanket



Electric Vehicle Fire Extinguisher

Cabinet Details

- ❖ Dimension: 400 x 400 x 1800
- ❖ LED Strip Light with IP65
- ❖ Heavy Duty Door Enclosure

Material Specifications

- ❖ Mild Steel
- ❖ Stainless Steel
- ❖ Mild Steel with Intecel
- ❖ Aluminium
- ❖ Aluminium with Intecel

EV Charger Details

- ❖ Power adjustable by a switch or APP
- ❖ Up to 32A, 400V maximum power of 22kw 3ph
- ❖ For business or home use
- ❖ Capable of charging at full power between -20°~+55°C
- ❖ IP65

- ❖ Charging Mode: Smart Charging

- ❖ Input/Output power rating and current: 3 Phase up to 22 kW / 32A
- ❖ Input / Output Voltage: 400V ± 20%, 3 Phase, 50 Hz
- ❖ Network Type: TT, TN
- ❖ Internal RCD: AC 30mA, DC 6mA
- ❖ Protection: Overcurrent, Overvoltage, Undervoltage, Integrated Surge Protection
- ❖ Card Reader: ISO 15693, ISO 14443
- ❖ Power Measurement Accuracy: ± 1.0% from 1% to full scale

Fire Extinguisher Details

- ❖ 4Kg, Special Fire Extinguisher for Electric Vehicle

Car Fire Blanket

- ❖ Composition: Fiberglass with silicone coat
- ❖ Density: 480 g/m2
- ❖ Reaction to fire classification: A2-s1

Auto Tracking Monitor

The auto tracking and positioning water monitor is widely used in large-space places whose heights are between 6–25m. The fire monitor is controlled by the micro-processor. It can detect fire the first time with detection technology of infrared sensing, ultraviolet sensing and plasma sensing and control the fire in the bud.

- ❖ Laser Positioning
- ❖ Accurate Detection
- ❖ Easy to Operate
- ❖ Infrared & UV Sensing

Item Name	SFAM300	SFAM600
Flow Rate	300LPM	600LPM
Working Pressure	6–8 bar	8–10 bar



Notes



Since 1983, SFFECO has been a trusted name in fire protection, known for innovation and quality worldwide.

With state-of-the-art facilities in Riyadh and Dubai, we deliver a complete range of firefighting solutions that meet international standards.

Our innovative approach and comprehensive product portfolio make SFFECO the one-stop destination for reliable fire protection products and services.

شركة المصنع السعودي لأجهزة الإطفاء SAUDI FACTORY FOR FIRE EQUIPMENT Co.

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