

PRODUCING TRUST IN FIRE AND SAFETY



SFFECO PRODUCT PORTFOLIO

www.sffecoglobal.com

A PRODUCT OF



SFFECO with its more than 35 years of experience has always been a progressive organization that has remained in the forefront of the fire fighting industry with innovative, re-engineered and unique products.

SFFECO in its state-of-the-art manufacturing plants in RIYADH & DUBAI works in close connections with renowned governmental and certification bodies to provide key answers to the challenges faced by the society.

SFFECO brings together over 3-Decades of expertise and experience in form of Design, Consultancy, Testing, Commissioning, Maintenance & Refurbishment of fire protection and fire fighting systems.



Sffeco is proud to be working with international certification bodies. For specific products certifications. Please check the respective product page or contact our sales team.



LPCB



FIRE FIGHTING EQUIPMENT SPECIALIST

SFFECO is a well known and renowned brand for its fire fighting products. Our focus remains on building and engineering products that push the boundaries of innovative minds to deliver nothing but the best. We incorporate technology into our existing range of fire fighting products along with researching and developing new products to provide world class and certified products

SFFECO was the first ISO certified fire fighting company in middle east and since has also been certified by LPCB of UK and TUV of Germany. Our fire fighting and fire safety product range is certified by many global standards like UL, FM, BSI, LPCB and other global standards. Our goal is to deliver the best with highest customer satisfaction. We provide end to end solutions for multiple industries through our products, experience and expertise. We are constantly researching new ways and products for fire and safety.

With complex infrastructure today offering the best facility and comfort, also makes safety important and creates new challenges to ensure the same. With experience and expertise SFFECO has been able to overcome these challenges and has been a part of many prestigious projects. SFFECO has made its mark in the fire fighting industry in a few countries and now endeavors to make a mark globally.



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FIRE PUMP SYSTEMS



CENTRIFUGAL BARE SHAFT FIRE PUMPS



VERTICAL TURBINE FIRE PUMP

50/60 hz

FLOW CAPACITY:
200 gpm - 2000 gpm

PRESSURE RANGE:
40 - 355 psi (2.76 - 24.48 bar)

MAX. WORKING PRESSURE
290 psi - 395 psi



END SUCTION FIRE PUMP

50/60 hz

FLOW CAPACITY:
50 gpm - 1000 gpm

PRESSURE RANGE:
68 - 234 psi

MAX. WORKING PRESSURE
175psi - 315 psi



SPLIT CASE FIRE PUMP

50/60 hz

FLOW CAPACITY:
150 gpm - 3500 gpm

PRESSURE RANGE:
88 - 335 psi (6.07 - 23.10 bar)

MAX. WORKING PRESSURE
220 psi - 410 psi



* Standard System are available upon client's request

CERTIFIED FIRE PUMP SKIDS



DIESEL DRIVEN SKIDS

SFFECO is an established well reputed manufacturer of Premium Custom Engine Driven Centrifugal Fire Pump Skids. We specialized in designing and developing packages in accordance to NFPA-20 requirements with Listed & Approved Drivers.

SFFECO offers listed Centrifugal Fire Pump Skids that meet every fire protection need.



- Driven by Listed & Approved Diesel Engines.
- Well aligned and Coupled for Direct Operation.
- Skid Packages are Pre-Tested and Inspected thoroughly before release to customers.
- One piece base plate with Anchor Bolt holes.
- Engineered, coated, hot rolled mild steel to resist corrosion and abrasion.
- Heavy Fabricated C-Channel Structure constructed to provide proper alignment of Pump with Diesel Engine or Pump.
- Compact skid Design with Small Foot-Print for Retrofit.
- High standard of Quality in material Construction finish and Workmanship.

MOTOR DRIVEN SKIDS

SFFECO is an established well reputed manufacturer of Premium Custom Motor Driven Centrifugal Fire Pump Skids. We specialized in designing and developing packages in accordance to NFPA-20 requirements with Listed & Approved Drivers.

SFFECO offers listed Centrifugal Fire Pump Skids that meet every fire protection need.



- Driven by Listed Electric Motors.
- Well aligned and Coupled for Direct Operation.
- Skid Packages are Pre-Tested and Inspected thoroughly before release to customers.
- One piece base plate with Anchor Bolt holes.
- Engineered, coated, hot rolled mild steel to resist corrosion and abrasion.
- Heavy Fabricated Steel base plate rigidly constructed to provide proper alignment of pump & Motors.
- Compact skid Design with Small Foot-Print for Retrofit.
- High standard of Quality in material Construction finish and Workmanship.

* Standard System are available upon client's request

FLAMMABLE LIQUID TANKS



PRIMARY & SECONDARY CONTAINMENT TANKS



HORIZONTAL CYLINDRICAL CONSTRUCTION (CAPACITY UP TO 75000 GALLON)

Actual Capacity U.S. Gallons(kL)		Max. Diameter - inches (m)
550 or less	(2.08)	48 (1.22)
551 - 1100	(2.14 - 4.16)	64 (1.63)
1101 - 9000	(4.17 - 34.07)	76 (1.93)
1101 - 35,000	(4.17 - 132.49)	144 (3.66)
35,001 - 50,000	(132.50 - 189.27)	144 (3.66)
50,001 - 75,000	(189.27 - 283.6)	156 (3.97)



VERTICAL CYLINDRICAL CONSTRUCTION (CAPACITY UP TO 60000 GALLON)

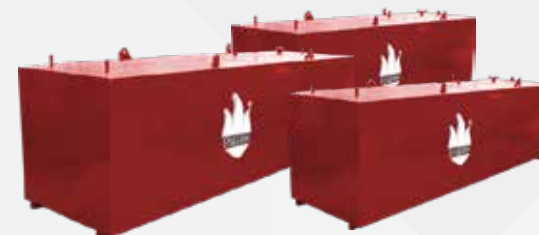
Sheet Types	Actual Capacity U.S. Gallons (kL)
Carbon Steel Sheet	1100 (4.16) or less
	More than 1100 (4.16)
Stainless Steel Sheet	1100 (4.16) or less
	More than 1100 (4.16)

* Standard System are available upon client's request

FLAMMABLE LIQUID TANKS



PRIMARY CONTAINMENT TANKS



RECTANGULAR CONSTRUCTION (CAPACITY UP TO 500 GALLON)

Tank Capacity (Gallons)	Max. Length (mm)	Max. Width (mm)	Max. Height (mm)
150 and below	900	800	800
151 - 330	1150	1100	1000
331 to 550	1500	1200	1200



CYLINDRICAL CONSTRUCTION (CAPACITY UP TO 550 GALLON)

Actual Capacity U.S. Gallons (kL)	Max. Diameter - inches (m)
550 or less (2.08 or less)	48 (1.22)

* Standard System are available upon client's request

EXTINGUISHING & SUPPRESSION SYSTEM



GAS SUPPRESSION SYSTEM SFECO-227

SFFECO-227
HFC-227ea Clean Agent



*Utilizing UL/FM Clean Agents

FEATURE

SAFE
ODORLESS
EFFECTIVE
UNCOMPLICATED
SELF CONTAINED
TOTAL FLOODING



TECHNICAL SPECIFICATION

SFFECO-227 Engineered Systems Range

WEIGHT OF AGENT (LBS)	PART NO.	VALVE SIZE
9-20 LB	SF90020-E, SF 90020-E-SS	1" Valve
16-35 LB	SF90035-E, SF 90035-E-SS	1" Valve
31-71 LB	SF90070-E, SF 90070-E-SS	1" Valve
44-101 LB	SF90100-F, SF 90100-F-SS	1" Valve
44-101 LB	SF90100-E, SF 90100-E-SS	1 1/2" Valve
66-152 LB	SF90150-E, SF 90150-E-SS	1 1/2" Valve
109-253 LB	SF90250-E, SF 90250-E-SS	1 1/2" Valve
163-379 LB	SF90375-E, SF 90375-E-SS	2 1/2" Valve
241-561 LB	SF90560-E, SF 90560-E-SS	2 1/2" Valve
353-806 LB	SF90800-E	4" Valve
439-1008 LB	SF91000-E	4" Valve
519-1200 LB	SF91200-E	4" Valve

SFFECO-227 Pre-Engineered Systems Range

WEIGHT OF AGENT (LBS)	PART NO.	VALVE SIZE
1 - 3 Lbs	SF-3	1/2" Valve
3 - 6 Lbs	SF-6	1/2" Valve
6 - 12 Lbs	SF-12	1/2" Valve
12 - 18 Lbs	SF-18	1/2" Valve
16 - 35 Lbs	SF-35	1" Valve
31 - 70 Lbs	SF-70	1" Valve
66 - 140 Lbs	SF-140	1 1/2" Valve
109 - 240 Lbs	SF-240	1 1/2" Valve
163 - 360 Lbs	SF-360	2 1/2" Valve
241 - 520 Lbs	SF-520	2 1/2" Valve

GAS SUPPRESSION SYSTEM SFECO-1230

SFFECO 1230
3M[®] Novec[™] Fire Protection Fluid



*Utilizing UL/FM Clean Agents

FEATURE

NO RESIDUE
RAPID ACTING
COST EFFECTIVE
GLOBAL WARMING SAFE
NON TOXIC
ECO-FRIENDLY
ZERO OZONE DEPLETION
SHORT ATMOSPHEREIC LIFE



TECHNICAL SPECIFICATION

PART NO.		SF 1230-038	SF 1230-065	SF 1230-130	SF 1230-277	SF 1230-395	SF 1230-850
Cylinder Size	lbs	38	65	130	227	395	850
Volume	ft ³	0.51	0.87	1.73	3.7	5.25	12.2
	L	14.5	24.5	49	105	150	345
Diptube Diameter	Inch	1 ¼	1 ¼	1 ¼	2	2	2 ½
	mm	35.1	35.1	35.1	52.5	52.5	62.7
Valve Outlet	Inch	1.0	1.0	1.25	2.5	2.5	3.0
	mm	25.4	25.4	31.75	63.5	63.5	76.2
Allowable Fill	lbs	15.3 - 38.4	26.1 - 65.25	51.9 - 129.75	111 - 277.5	157.5 - 393.75	366 - 854
Recommended Fill Weight	lbs	15 - 38	39 - 65	66 - 129	130 - 277	278 - 393	394 - 854
	kg	31.8	41	78	125	166	395
A	inch	10	10	12 ¾	20	20	24
	mm	254	254	323.85	508	508	609.60
B	inch	16 ¾	25	30 ¾	29 ¾	38 ½	58
	mm	425.45	635.00	781.05	755.65	977.90	1473.20
C	inch	20 ¾	28 ¾	35 ¾	39 ¾	48 ¾	67 ¾
	mm	514.96	723.90	901.70	1009.65	1225.55	1720.85
Optional Liquid Level Indicator		N	N	N	Y	Y	Y

CARBON DIOXIDE (CO₂) SYSTEM



Carbon Dioxide is a standard commercial product commonly used for carbonating beverages, fast freezing food products, purging pipes and tanks, medical purposes, and a multitude of additional tasks. It is also used for firefighting purposes: i.e. hose reels, portable hand extinguishers, and engineered fixed pipe systems. Carbon Dioxide is available in most large cities and seaports throughout the world.



TECHNICAL DATA

Make:	SFFECO
System Standard:	UL 2127, NFPA 12
Type:	Seamless Concave Bottom
Bottom:	W 28.8 x 1 / 14"
Material:	Chrome Moly Steel
Neck Threads:	W 28.8 x 1 / 14"

DESIGN DATA

Filling Density:	0.667 Kg/Litre maximum						
Storage Pressure:	60 bars						
Working Pressure:	200 bar						
Test Pressure	334 bar						
Water Capacity: (litr)	50	56	60	68	75	80	82
Weight Empty:	63	68	72	79	85	90	92
Gross Weight: (kg approx)	100	110	120	130	140	150	155

Features

- Suitable for of Class A, B and C hazards
- In accordance to ANSI/ NFPA 12 & GLOBAL STANDARDS
- Online, digital and mechanical weight loss indicators & monitoring
- Anti Recoil Safety Disc for Cylinder protection
- pressure and mechanically actuated slave Valves
- UL Listed High Pressure Carbon Dioxide System
- Lower Overall Maintenance Costs
- Electronic, pneumatic & mechanical actuated
- Strong Alloy Steel Cylinders
- Total Flooding & Local Fire Protection



Note: Standard models are available upon request

TECHNICAL DATA

CAPACITY & RANGE OF CYLINDER CO₂ ARE AVAILABLE IN

100 lbs

220 lbs

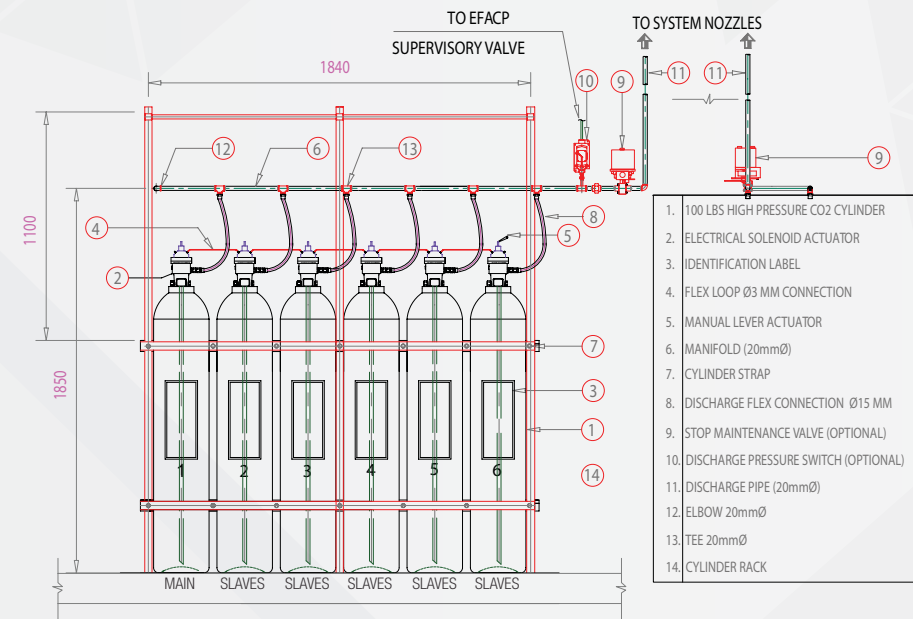
OPERATING PRESSURE

58 BAR (850 PSI) AT 21°C (70°F)

OPERATING TEMPERATURE

-18°C TO 54.4°C OR 0°F TO 130°F

TYPICAL ARRANGEMENT



KITCHEN HOOD SYSTEM



COOKING AREA & HOOD EXTINGUISHING SYSTEMS

Automatic & Manual Control

Used for commercial cooking areas

Different temperature for fusible link suit with any fire temperature

Different type of nozzle for different appliances



KITCHEN HOOD SYSTEM

FUSIBLE LINK COOKING AREA AND HOOD EXTINGUISHING SYSTEM

DIFFERENT SIZES OF CYLINDER CAPACITY TO MATCH WITH ANY HOOD SIZES

(SFD L9.5 WC KHS)

(SFD L15 WC KHS)

(SFD L22.7 WC KHS)

SFD-D8

8 Flow Point SFFECO Kitchen Extinguishing System

- 9.5 Liter Wet Chemical Cylinder c/w activation Valve and Bracket
- 1x Activation Mechanism Automatic and Manual
- 1x Activation Mechanism Remote Manual
- 8 Flow points, 5x Corner Pulley, 3x Fusible Link

SFD-D12

12 Flow Point SFFECO Kitchen Extinguishing System

- 15 Liter Wet Chemical Cylinder c/w Activation Valve and Bracket
- 1x Activation Mechanism Automatic and Manual
- 1x Activation Mechanism Remote Manual
- 12 Flow points, 6x Corner Pulley, 3x Fusible Link

SFD-D18

18 Flow Point SFFECO Kitchen Extinguishing System

- 22, 7L Wet Chemical Cylinder c/w Activation Valve and Bracket
- 1x Activation Mechanism Automatic and Manual
- 1x Activation Mechanism Remote Manual
- 18 Flow points, 8 x Corner Pulley, 4x Fusible Link



WET CHEMICAL AGENT
FAST DETECTION
COMPETITIVE
EXTENDED COVERAGE

THERMO-ACT EXTINGUISHING 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 few seconds. 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 systems can be designed with commercial available agents including clean agent, wet chemical, Foam, and dry powder. The systems may be arranged as Direct and Indirect.

TECHNICAL SPECIFICATION

EXTINGUISHING AGENT	CAPACITY	MODELS	AGENT FILLING VOLUME	
Agent Filling Volume	6 Kg	SFTHF6	6 Kg	0% -5%
	10 Kg	SFTHF10	10 Kg	
Wet Chemical	2 Kg	SFWC2	2 Kg	0% -5%
	6 Kg	SFWC6	6 Kg	
Foam	6 Ltr	SFTF6	6 Litres	2% -2%
	10 Ltr	SFTF10	10 Litres	
Dry Powder	2 Kg	SFTW2	2 Kg	2% -2%
	6 Kg	SFTW6	6 Kg	

THERMO-ACT EXTINGUISHING SYSTEM



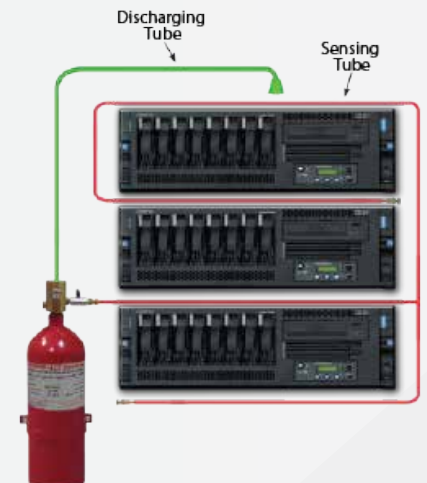
DIRECT SYSTEM

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 suppression agent is then completely released due to pressure drop in the tube.



IN-DIRECT SYSTEM

SFFECO Thermo-Act Indirect System 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.



FOAM SYSTEMS & EQUIPMENT



FOAM SYSTEMS COMPONENTS



FOAM BLADDER TANKS

BLADDER TANK AND RATIO-FLOW CONTROLLER INVESTIGATED TO UL 162.
53 to 3963 gal capacity ASME for vertical and horizontal installation.

Following are equivalent length valves for the controllers :

(Models SFD-U2-BTRFC, SFD-U3-BTRFC, SFD-U4-BTRFC, SFD-U6-BTRFC, SFD-U8-BTRFC) based on a roughness factor of 130 and schedule 40 steel pipes

MODEL NO.	EQUIVALENT LENGTH FT
SFD-U2-BTRFC	22.0
SFD-U3-BTRFC	17.5
SFD-U4-BTRFC	29.3
SFD-U6-BTRFC	24.9
SFD-U8-BTRFC	23.0



HORIZONTAL MOUNTING

MODEL	HBT-# (- Indicates capacity of foam vessel in liters)
CAPACITY	200 Liters to 15000 liters
DESIGN CODE	ASME SEC.VIII DIV.I Latest Edition
MAXIMUM WORKING PRESSURE	12.06 Bar (175 PSI)
HYDROSTATIC TEST PRESSURE	18.09 Bar (263 PSI)
FINISH	a) Internal - Coal Tar Epoxy b) External - Painted Epoxy Fire-Red to Shade No. RAL3000

VERTICAL MOUNTING

MODEL	VBT - # (#- Indicates Capacity of Foam Vessel In Liters)
CAPACITY	200 Liters to 15000 Liters
DESIGN CODE	ASME SEC.VIII DIV.I Latest Edition
MAXIMUM WORKING PRESSURE	12.06 Bar (175 PSI)
HYDROSTATIC TEST PRESSURE	18.09 Bar (263 PSI)
FINISH	a) Internal - Coal Tar Epoxy b) External - Painted Epoxy Fire-Red to Shade No. RAL3000

* Standard System are available upon client's request

FOAM SYSTEMS COMPONENTS



FOAM LIQUID CONCENTRATE

SFFECO foam liquid concentrates include fluoroprotein, film-forming fluoroprotein (FFFP), Aqueous- film-forming foam (AFFF), Alcohol Resistant Aqueous- film-forming (AR-AFFF) & other synthetic-based materials. Foam is generally produced by the addition of a foam liquid concentrate to water and mechanically mixing air into the foam solution. Sffeco foam is compatible fo use with non-aspirating nozzles.

FEATURE

SFFECO UL listed foam liquid concentrates are certified as per UL162.

Foam is suitable for use on fires involving Hydrocarbon fuels and Polar solvent fuels like (Alcohols, Ethyl Alcohol, Methyl Alcohol, Acetone, Methyl Ethyl Ketone).

Wide range of premium performance foams specially formulated with C6 technology which represents a major advancement in foam industry for effective extinguishment of fires.

The C6 foam concentrates does not contain any PFOS or PFOA.

Eco-Friendly & Bio-degradable.

Conforming to NFPA11 & NFPA16



FOAM MONITORS

SFFECO UL Listed foam monitors are certified as per UL162 with fixed / variable flow. Monitors are intended to produce and discharge low-expension foam. Foam Monitors are used for protection of flammable liquid hazards and produce superior, long reaching foams streams.

FEATURE

Hydraulically Efficient Design.

Minimal Friction Loss.

Easy operation.

Corrosion Resistant Stainless Steel

Construction.

Fully Enclosed Worm Gear Bearing.

Excellent Foam and Water Throws.

Safe and Reliable Operation.

Conforming to NFPA11



Range : 500 to 4000 gpm

* Standard System are available upon client's request

FOAM SYSTEMS COMPONENTS



FOAM HOSE STREAM NOZZLES (FOAM BRANCH PIPE)

SFFECO low expansion Foam hose stream nozzles (foam branches) are air aspirating type portable devices. They are handheld equipment, used to project mechanical foam from a distance onto fires which involve flammable liquids. Self-Inducting Foam branches are provided with pick-up tubes to allow induction of foam concentrate into the branch and mixing with the water stream.

FEATURE

SFFECO UL listed foam hose stream nozzles certified as per UL162.

Superior range of Foam Solution flow capacity

59 to 119 GPM.

Effective Throw

Produces most effective long lasting foam blanket.

Light weight and nozzle pressure within the

Control of an operator.

Conforming to NFPA11



IN LINE INDUCTORS

Proportioners are intended to provide continuous introduction of foam liquid concentrates, in adequate ratio, into a water stream flowing under pressure in pipe or hose lines. Foam concentrate is inducted through single or multiple inductors located in the water line to the foam maker. Inductors shall be for portable or fixed installation. They may have an adjustable or fixed orifice for induction.

FEATURE

SFFECO UL listed in line inductors are certified

As per UL162.

Designed to minimum pressure loss across the inductor

Simple to operate

Corrosion resistant

Simple & robust construction

Nominal Flow capacity upto 159 GPM

Variable proportioning at 3% & 6% Fixed Proportioning at 3% or 6 % Conforming to NFPA11.



* Standard System are available upon client's request

FOAM SYSTEMS COMPONENTS



FOAM CHAMBER

SFFECO Foam Chamber is an UL Listed air aspirating foam discharge device designed to produce low expansion foam employed for fire extinguishments and / or vapour suppression in fixed (cone) roof flammable liquid storage tanks with or without internal floating roof. It is fixed discharge device classified as Type II in accordance with NFPA-11 used in surface application system for application of low expansion foam over the fuel surface.

FEATURE

SFFECO UL listed Foam Chamber certified as per UL162.

Lowest operating pressure of 30 PSI

Widest flow range 18GPM to 750GPM

Carbon Steel and Stainless Steel construction

Meets foam system requirement as per NFPA-11

Suitable for use with all types of foam concentrates i.e. Protein, Fluro-protein, FFFP, AFFF, AR-AFFF



FOAM MAKER

SFFECO Foam Maker is an UL Listed air-aspirating foam discharge device designed to produce low expansion foam employed for fire extinguishment and / or vapour suppression in open top floating roof flammable liquid storage tanks. It is a fixed discharge outlet classified as Type II in accordance with NFPA-11 used in above surface application systems for top of seal application.

FEATURE

SFFECO UL listed Foam Maker certified as per UL162.

Lowest operating pressure of 30 PSI

Widest flow range from 18 GPM to 390 GPM

Carbon Steel and Stainless Steel construction

Suitable for use with all types of Low expansion foam concentrates i.e. Protein, Fluro-protein, FFFP, AR-FFF, AFFF, AR-AFFF



* Standard System are available upon client's request

FIRE HYDRANT & ACCESSORIES



DRY HYDRANT SYSTEMS

DRY BARREL



HIGHER DEPTH HYDRANT
Available in 4" and 6"

DRY BARREL



LOWER DEPTH HYDRANT
Available in 4" and 6"

DRY BARREL



Note : Standard on flange joint where mechanical connection is available up on request.



MODEL No.	BURIED DEPTH (mm)	LENGTH (FEET)	WEIGHT
*SF-F-06 (915)	915 mm	3' - 0"	170 kg.
*SF-F-06 (1068)	1068 mm	3' - 6"	178 kg.
*SF-F-06 (1220)	1220 mm	4' - 0"	183 kg.
**SF-F-06 (1372)	1372 mm	4' - 6"	196 kg.
**SF-F-06 (1524)	1524 mm	5' - 0"	200 kg.
**SF-F-06 (1676)	1676 mm	5' - 6"	210 kg.
**SF-F-06 (1829)	1829 mm	6' - 0"	215 kg.

* Standard Models (Subject to stock availability)
** Available upon customer's request.

DESCRIPTION	HIGHER DEPTH HYDRANT DETAILS	
MODEL	SFH100-LPHD	SFH150-LPHD
SIZE	DN100 FLANGE(4")	DN150 FLANGE(6")
BURIED DEPTH (MM)	800/1200/1445	600/800/1200/1500/1700
UPPER BODY OUTLET ELEVATION	344	402
UPPER BODY FLANGE CLEARANCE TO GROUND LEVEL(MM)	53	53

DESCRIPTION	LOWER DEPTH HYDRANT DETAILS	
MODEL	SFH100-LPLD	SFH150-LPLD
SIZE	DN100 FLANGE(4")	DN150 FLANGE(6")
BURIED DEPTH (MM)	563/713/943 (FOR STRAIGHT INLET) 420/575/800 (FOR 90 DEG INLET)	563/713/943 (FOR STRAIGHT INLET) 420/575/800 (FOR 90 DEG INLET)
UPPER BODY OUTLET ELEVATION (mm)	423	423
UPPER BODY FLANGE CLEARANCE TO GROUND LEVEL (mm)	58	58
UPPER BODY PUMPER OUTLET ELEVATION (mm)	353	353

* Standard System are available upon client's request

WET HYDRANT SYSTEMS

CERTIFIED WET BARREL

MODELS

SFD-250-WH - 6"
Closed Head



MODELS

SFD-250-WH - 6"
Flanged Head

STANDARD WET BARREL



MODELS

SFH - 50W/100 - 4"
SFH - 50W/150 - 6"

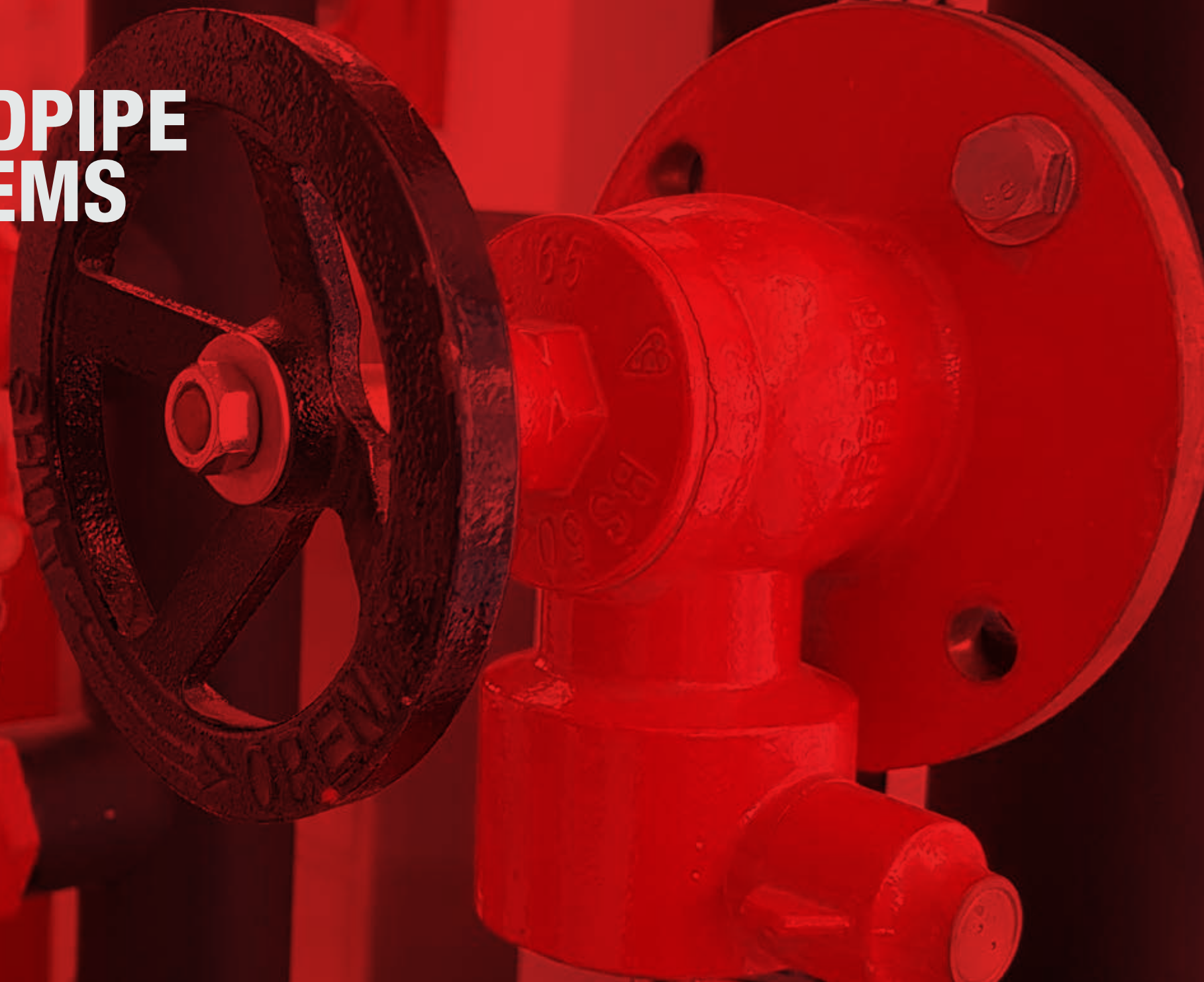
SPECIAL APPLICATION

MODEL No.	BURIED DEPTH	UPPER BODY	DIAMETER	ATTACHMENTS
*100SFH800-CI	800 mm	600 mm	4" (100mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Dia. Hose Outlet
*100SFH1200-CI	1200 mm	669 mm	4" (100mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Dia. Hose Outlet
150SFH800-CI	800 mm	600 mm	6" (150mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Dia. Hose Outlet
150SFH1200-CI	1200 mm	669 mm	6" (150mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Dia. Hose Outlet
SFH-100-CIV	1200 mm	669 mm	4" (100mm)	1 pc 4" pumper connection female BSP+ Male Cap & Male
SFH-150-CIV	1200 mm	669 mm	6" (150mm)	Plug Outlet 2.5"BS336 Ductile iron with Ductile Cap inside built-in ball valve



* 800/1200 Standard Available Models.
* Other Models are available upon customer's request.

STANDPIPE SYSTEMS



STANDPIPE SYSTEMS & ACCESSORIES



OBLIQUE TYPE LANDING VALVES

STANDARD	Certificate to BS5041-1
BODY	Copper alloy, Thickness > 3mm
HANDWHEEL	Grey cast iron
BLANK CAP	Copper alloy
INLET	Flanged or BSP Screwed
OUTLET	Female instantaneous to BS336
SURFACE	Red Painting
TEST PRESSURE	22.5 bar

FLANGED INLET	MODEL	SIZE	H (mm)	W (mm)	Inlet	Outlet
	SFD-K50-OLVF	DN50	198	235	165	BS336
	SFD-K65-OLVF	DN65	198	235	185	BS336

SCREWED INLET	MODEL	SIZE	H (mm)	W (mm)	Inlet	Outlet
	SFD-K65-OLVST	DN65	205	218	2.5"BSP(T)	BS336
	SFD-K65-OLVS	DN65	200	218	2.5"BSP	BS336
	SFD-K65-OLVSF	DN65	205	218	2.5"BSP(F)	BS336



RIGHT ANGLE LANDING VALVES

STANDARD	Certificate to BS5041-1
BODY	Copper alloy, Thickness > 3mm
HANDWHEEL	Grey cast iron alloy
BLANK CAP	Copper alloy
INLET	Flanged or BSP Screwed
OUTLET	Female instantaneous to BS336
SURFACE	Red Painting
TEST PRESSURE	22.5 bar

FLANGED INLET	MODEL	SIZE	H (mm)	W (mm)	Inlet	Outlet
	SFD-K50-RLVF	DN50	198	213	165	BS336
	SFD-K65-RLVF	DN65	198	223	185	BS336

SCREWED INLET	MODEL	SIZE	H (mm)	W (mm)	Inlet	Outlet
	SFD-K65-RLVST	DN65	205	205	2.5"BSPT	BS336
	SFD-K65-RLVS	DN65	200	205	2.5" BSP	BS336



STANDPIPE SYSTEMS & ACCESSORIES

STRAIGHT THROUGH LANDING VALVES

STANDARD	Certificate to BS5041-1
BODY	Copper alloy, Thickness > 3mm
HANDWHEEL	Grey cast iron alloy
BLANK CAP	Copper alloy
INLET	Flanged or BSP Screwed
OUTLET	Female instantaneous to BS336
SURFACE	Red Painting
TEST PRESSURE	22.5 bar

FLANGED INLET	MODEL	SIZE	H (mm)	W (mm)	Inlet	Outlet
	SFD-K50-SLVF	DN50	270	180	165	BS336
	SFD-K65-SLVF	DN65	280	180	185	BS336

SCREWED INLET	MODEL	SIZE	H (mm)	W (mm)	Inlet	Outlet
	SFD-K65-SLVST	DN65	235	213	2.5"BSP(T)	BS336
	SFD-K65-SLVS	DN65	235	213	2.5"BSP	BS336



BIB NOSE LANDING VALVES

STANDARD	Certificate to BS5041-1
BODY	Copper alloy, Thickness > 3mm
HANDWHEEL	Grey cast iron alloy
BLANK CAP	Copper alloy
INLET	Flanged or BSP Screwed
OUTLET	Female instantaneous to BS336
SURFACE	Red or Yellow Painting
TEST PRESSURE	22.5 bar

FLANGED INLET	MODEL	SIZE	H (mm)	W (mm)	Inlet	Outlet
	SFD-K50-BLVF	DN50	240	225	165	BS336
	SFD-K65-BLVF	DN65	250	225	185	BS336

SCREWED INLET	MODEL	SIZE	H (mm)	W (mm)	Inlet	Outlet
	SFD-K65-BLVST	DN65	225	263	2.5"BSPT	BS336
	SFD-K65-BLVS	DN65	225	263	2.5" BSP	BS336



STANDPIPE SYSTEMS & ACCESSORIES



WEDGE TYPE LANDING VALVES

STANDARD	Certificate to BS5041-1
BODY	Copper alloy, Thickness > 3mm
HANDWHEEL	Grey cast iron alloy
BLANK CAP	Copper alloy
INLET	Flanged or BSP Screwed
OUTLET	Female instantaneous to BS336
SURFACE	Red or Yellow Painting
TEST PRESSURE	22.5 bar

FLANGED INLET	MODEL	SIZE	H (MM)	W (MM)	INLET	OUTLET
	SFD-K65-GLVF	DN65	300	155	165	BS336

SCREWED INLET	MODEL	SIZE	H (MM)	W (MM)	INLET	OUTLET
	SFD-K65-GLVS	DN65	255	138	2.5"BSP(F)	BS336
	SFD-K65-GLVST	DN65	255	155	2.5"BSP	BS336



PRV "E" TYPE LANDING VALVES

STANDARD	Certificate to BS5041-1
BODY	Copper alloy, Thickness > 4mm
HANDWHEEL	Grey cast iron alloy
BLANK CAP	Copper alloy
INLET	Flanged or BSP Screwed
OUTLET	Female instantaneous to BS336
SURFACE	Red Painting
TEST PRESSURE	30 bar

FLANGED INLET	MODEL	SIZE	H (MM)	W (MM)	INLET	OUTLET
	SFD-K50-PRVF	DN50	380	225	165	BS336
	SFD-K65-PRVF	DN65	380	225	185	BS336

SCREWED INLET	MODEL	SIZE	H (MM)	W (MM)	INLET	OUTLET
	SFD-K65-PRVS	DN65	380	260	2.5"BSPT	BS336



BREECHING INLET COLLECTING HEAD



2 WAY BREECHING INLET

STANDARD	Certificate to BS5041-3
BODY	Ductile Cast Iron
DRAIN VALVE	1" Gate Valve BS 5154
NON-RETURN TEST	1.7 Bar
INLET CONNECTION	Copper Alloy Complying to BS336
BLANK CAP	Plastic
TEST PRESSURE	20 Bar



SPECIFICATION	MODEL	SIZE	H (MM)	W (MM)	INLET	OUTLET
	SFD-K100-2WBI	DN100	190	300	100	2 x BS336

4 WAY BREECHING INLET

STANDARD	Certificate to BS5041-3
BODY	Ductile Cast Iron
DRAIN VALVE	1" Gate Valve BS 5154
NON-RETURN TEST	1.7 Bar
INLET CONNECTION	Copper Alloy Complying to BS336
BLANK CAP	Plastic
TEST PRESSURE	20 Bar



SPECIFICATION	MODEL	SIZE	H (MM)	W (MM)	INLET	OUTLET
	SFD-K150-4WBI	DN150	230	330	150	4 x BS336

STANDPIPE SYSTEMS & ACCESSORIES

BREECHING INLET CABINET

Cabinet : Mild Steel, Stainless steel
Glass : Wire Meshed Reinforcement
Finish : Red
Installation: Wall Recess Mounted
Lettering : Any Language



MODEL	SIZE	H (MM)	W (MM)
SDR 096 (2 Way Breaching Inlet Cabinet)	460	575	300
SDR 116 (4 Way Breaching Inlet Cabinet)	600	600	300

AIR RELEASE VALVE

Air Release valves are designed to vent entrained air that collects at high points in a pipeline. This Valve continuously eliminates air from a system by releasing small quantities of air before large air pocket can occur in the system.



MODEL	INLET	MATERIAL	TEST PRESSURE
SWR 103	20mm (3/4") Ø BSP	COPPER ALLOY	350 PSI
SWR 104	25mm (1") Ø BSP		

STANDPIPE SYSTEMS & ACCESSORIES

PRESSURE REDUCING VALVE

A pressure reducing valve is mainly used in a hose reel system to reduce the pressure at the inlet of the hose reel to the nominal working pressure.



MODEL	SF-PRV-X (where X is the size and type)						
MATERIAL	Brass						
WORKING PRESSURE	Inlet Pressure upto 20 bar outlet pressure between 1 to 4 bar						
AVAILABLE SIZES	½" NPT	¾" NPT	1" BSP	1" NPT	1 ½" NPT	2" BSP	2" NPT

LOCK SHIELD VALVE

The lock shield valves are installed usually in the fire hose reel and the valve can be opened only by the key.



MODEL	INLET	OUTLET	PRESSURE RATING
SF-LSV	1" F BSP	1" F BSP	PN 20

FIRE DOOR ASSEMBLIES



VERFAHREN
FABRIKATION
WIRTSCHAFTSBAU

FIRE DOOR ASSEMBLIES



TEMPERATURE RISE

Fire Protection Rating
Upto 2 Hour

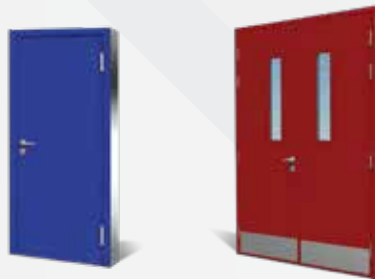


Single Leaf Door

Double Leaf Door

NON TEMPERATURE RISE

Fire Protection Rating
Upto 2 Hour



Single Leaf Door

Double Leaf Door

AIR LEAKAGE & TEMPERATURE RISE

Fire Protection Rating
Upto 3 (Single Door)
Upto 1 Hour (Double Door)



Single Leaf Door

Double Leaf Door

Air leakage determined to have an air leakage rate of the door assembly not exceeding 3.0 cfm per square foot of door opening at 0.10 inch of water for both ambient and 400 F temperature conditions, per NFPA 105.

* Standard Fire Doors are available upon client's request.

FIRE DOOR ASSEMBLIES



FEATURE

Doors can be used in dry wall and masonry construction.

SFFECO UL Listed doors are available in Cold Rolled Steel, Galvanized steel, Hot Dipped Electro galvanized or Galvalume material.

Door leaf thickness: 45 mm.

Material thickness (Gauges): 1.2mm (18 gauge) for leaf and 1.5 for Frame.

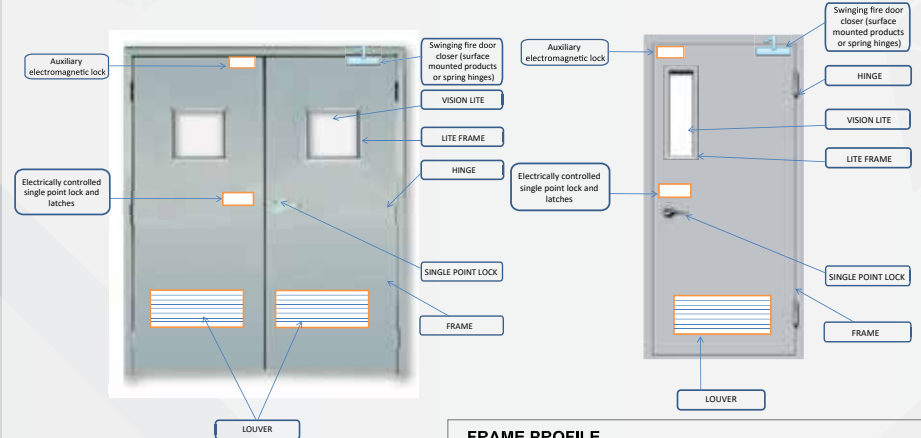
Painting: Prime painted materials can be used for hot rolled or cold rolled steel sheet.

High aesthetics and robust structure.

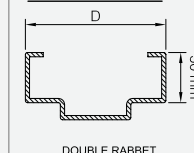
Easy to install on a Masonry wall opening & dry walls. Factory finished for primer and paint finishes.

Conforming to highest quality standards.

ACCESSORIES:



FRAME PROFILE




NOTE:

Vision lite & louver cannot be coupled in single leaf door above the photo is for highlight the accessories.

NOTE:

Single Rabbetis are also available upon client's request.

The background of the entire image is a close-up, high-angle shot of several large, coiled red fire hoses. The hoses are arranged in a way that creates a sense of depth and texture, with multiple layers of the red material visible. The lighting is dramatic, highlighting the ridges and grooves of the hoses. In the upper left corner, there is a white vertical line and a white bullseye symbol. The text "FIRE CABINETS AND HOSES" is written in a bold, white, sans-serif font, positioned to the right of the vertical line and above the bullseye symbol.

FIRE CABINETS AND HOSES



FIRE CABINETS

RUBBER HOSE ENCLOSURE



SF300
with Manual Fire Hose

Width	Height	Depth
800	800	230

SF300A
with Automatic Fire Hose

Width	Height	Depth
800	800	230



SF600
with Manual Fire Hose

Width	Height	Depth
1050	800	230

SF600A
with Automatic Fire Hose

Width	Height	Depth
1050	800	230



SF900
with Manual Fire Hose

Width	Height	Depth
800	1600	230

SF900A
with Automatic Fire Hose

Width	Height	Depth
800	1600	230



SYNTHETIC HOSE ENCLOSURE



SF4400
with 1 1/2" Synthetic Hose

Width	Height	Depth
900	700	230

SF5400
with 2 1/2" Synthetic Hose

Width	Height	Depth
950	750	230



SF4200
with 1 1/2" Synthetic Hose

Width	Height	Depth
950	700	230



SF4000
with 1 1/2" Synthetic Hose

Width	Height	Depth
700	700	230

SF4600
with 1 1/2" Synthetic Hose

Width	Height	Depth
850	850	230

SF5600
with 2 1/2" Synthetic Hose

Width	Height	Depth
950	900	230

SF5200
with 2 1/2" Synthetic Hose

Width	Height	Depth
990	750	230

SF5000
with 1 1/2" Synthetic Hose

Width	Height	Depth
750	750	230

HOSE RACK CABINET



SFR150
with 1 1/2" Synthetic Hose

Width	Height	Depth
700	850	230



SFR200E
with 1 1/2" Synthetic Hose

Width	Height	Depth
700	850	230

Space for 6 KG ABC Dry Powder Extinguisher & Space for Additional Valve for SFR200EV & SFR200E with space for Extinguisher only.

HOSE RACK CABINET



SFD-HRC-150
with 1 1/2" Synthetic Hose

Width	Height	Depth
750	950	230

FIRE RATED CABINETS

DOOR STYLES
Sffeco Fire Rated Cabinet have been manufactured with range of styles.
Insulated Flush Metal Door
• Hollow Flush Metal Door
• GLASS APPLICATION
Tempered Glass, Wired Glass, Fire Rated Glass, Normal Glass

FINISHING
Sffeco Fire Rated Cabinet are available in multiple finishes as follows:
• Red Painted (RAL3000) for Mild Steel
• Hairline, Mirror & Brush for Stainless Steel (304 Or 316)

SIZE OF GLASS
Size of Glass
• WIDTH 400 MM x HEIGHT 560 MM
Maximum Glass Openin Size



SHEET THICKNESS

MILD STEEL	STAINLESS STEEL
1 mm	1 mm
1.2 mm	1.2 mm
1.5 mm	1.5 mm
2 mm	

The sheetmetal can be either cold rolled steel, hot dip galvanized, electro-galvanized, galvalume, S.S.

FIRE HOSE & ACCESSORIES

EN-671 APPROVED

Manual & Automatic Fire Hose Reels



Hose Reel Diameter



Hose Length



SWINGING ARM

Manual	Automatic
SF 30 SA - 19	SF 30 A-SA - 19
SF 30 SA - 25	SF 30 A-SA - 25



SWINGING PIPE

Manual	Automatic
SF 30 SP - 19	SF 30 A-SP - 19
SF 30 SP - 25	SF 30 A-SP - 25



FIXED

Manual	Automatic
SF 30 F - 19	SF 30 A-F - 19
SF 30 F - 25	SF 30 A-F - 25

FIRE HOSE

Single & Double Jacket Fire Hose



Size: 1 1/2" 2 1/2"

CERTIFIED MODELS

MODEL NO.	HOSE SIZE	WORKING PRESSURE (PSI)	BURST PRESSURE (PSI)
Single jacketed UL fire hose:			
SFSJ40R-UL	1 1/2"	200	600
SFSJ65R-UL	2 1/2"	200	600
SFD-FH-SJ40HR	1 1/2"	250	750
Double jacketed UL fire hose:			
SFDJ40R-UL	1 1/2"	300	900
SFDJ65R-UL	2 1/2"	300	900

STANDARD MODELS

MODEL	CAPACITY	WORKING PRESSURE (PSI)	BURST PRESSURE (PSI)
Single jacketed fire hose:			
SYNTEX 40		10 Bars	40 Bars
SYNTEX 50	40, 50, 65 mm	14 Bars	50 Bars
SYNTEX 60		17 Bars	50 Bars
Double jacketed fire hose:			
D.SYNTEX W		15 Bars	60 Bars
D.SYNTEX P	40, 65 mm	15 Bars	60 Bars
DURALEX	25 - 100 mm	17 Bars	40-45 Bars

HOSE RACK



SFFECO HOSE RACK ASSEMBLY is available with 1 1/2" inlet with Maximum Service Pressure 175 PSIG Standard and 150 PSIG Optional

Semiautomatic Hose Rack has been designed to use with stand pipe systems of 1 1/2" & 2 1/2" with 1 1/2" lined fire hose of 100ft max. The Racks are made of mild steel which is powder coated red textured, RAL 3000, Nozzle holding brk: Powder Coated Black RAL9005 also other internal parts are made with stainless steel as standard.

RACK BODY FINISH	RACK BODY MATERIAL	INTERNAL PARTS
Plain Red	Stainless steel	GI Coated
Chrome		Chrome Plated



Thickness: 1.5 mm

Size: 1 1/2" 2 1/2"

FIRE EXTINGUISHERS



PORTABLE FIRE EXTINGUISHERS



SFFECO produces fire extinguishers capable of handling all fire types. All our fire extinguisher has been designed to perform effectively and efficiently in case of an emergency. SFFECO Fire Extinguishers are produced in our state of the art factory based in Riyadh and Dubai. Our factories house certified testing facility where we test all our products to ensure that we deliver nothing but the best.

SFFECO produces fire extinguishers specially designed for office, house, factories, hotels and public places. We have a full range of Portable Extinguishers, Mobile Trolley Extinguishers and Automatic type Extinguishers. Our extinguisher range includes CO2, Wet Chemical, Water, Foam and Dry Powder type agents which provides you with options to deal with all types of fires. Our range also includes different sizes and capacities along with trolley fire extinguisher to provide you with the most efficient and easy to use fire extinguisher.

SFFECO has been a part of many prestigious projects across Middle East and have strategic partnerships in over 100 countries. SFFECO Fire Fighting Products are built to produce trust in fire & safety.



NO	MODEL NO.	DESCRIPTION	FIRE RATINGS						
			A	Polar B	Alcohol B	C	D	ULFPO 35 KV	F
1	PD1D	1kg ABC Powder Extinguisher	8	34	x	✓	x	✓	x
2	PD2D	2kg ABC Powder Extinguisher	13	70	x	✓	x	✓	x
3	PD3D*	3kg ABC Powder Extinguisher*	13	89	x	✓	x	✓	x
4	PD4D	4kg ABC Powder Extinguisher	21	113	x	✓	x	✓	x
5	PD6D	6kg ABC Powder Extinguisher	34	183	x	✓	x	✓	x
6	PDH6D	6kg ABC Powder High Performance	34	233	x	✓	x	✓	x
7	PD9D	9kg ABC Powder Extinguisher	43	233	x	✓	x	✓	x
8	PD12D	12kg ABC Powder Extinguisher	55	233	x	✓	x	✓	x
9	PDC6D*	6kg ABC Powder Inside Cartridge Extinguisher*	27	183	x	✓	x	✓	x
10	PDC9D*	9kg ABC Powder Inside Cartridge Extinguisher*	43	233	x	✓	x	✓	x
11	PDK4D*	4kg BC Powder Extinguisher*	x	183	x	✓	x	✓	x
12	PDK6D*	6kg BC Powder Extinguisher*	x	233	x	✓	x	✓	x
13	PDK9D*	9kg BC Powder Extinguisher*	x	233	x	✓	x	✓	x
14	FX3D*	3ltr AFFF Extinguisher*	13	70	x	x	x	✓	x
15	FX6D	6ltr AFFF Extinguisher	21	144	x	x	x	✓	x
16	FX9D	9ltr AFFF Extinguisher	27	183	x	x	x	✓	x
17	FXH6D*	6ltr AFFF High Performance Extinguisher*	27	183	x	x	x	✓	x
18	FXC6D*	6ltr AFFF Inside Cartridge Extinguisher*	21	144	x	x	x	✓	x
19	FXC9D*	9ltr AFFF Inside Cartridge Extinguisher*	21	183	x	x	x	✓	x
20	FXHC6D*	6ltr AFFF High Performance Inside Cartridge Extinguisher*	27	183	x	x	x	✓	x
21	FXHC9D*	9ltr AFFF High Performance Inside Cartridge Extinguisher*	34	233	x	x	x	✓	x
22	FXAR6D*	6ltr A.R. Foam Extinguisher*	13	34	113	x	x	✓	x
23	FXAR9D*	9ltr A.R. Foam Extinguisher*	21	34	183	x	x	✓	x
24	WH600SD	6ltr Water Extinguisher	13	x	x	x	x	x	x
25	WH900SD	9ltr Water Extinguisher	21	x	x	x	x	x	x
26	WH900FSD*	9ltr Water Freeze Protected (-20°C) Extinguisher*	13	x	x	x	x	x	x
27	WH900CSD*	9ltr Water Inside Cartridge Extinguisher*	21	x	x	x	x	x	x
28	SKF3D*	3ltr Wet Chemical Extinguisher*	8	✓	x	x	x	✓	40
29	SKF6D	6ltr Wet Chemical Extinguisher	13	✓	x	x	x	✓	75
30	AS3D*	3ltr Aqua Spray Extinguisher*	13	x	x	x	x	✓	x
31	AS6D*	6ltr Aqua Spray Extinguisher*	21	x	x	x	x	✓	x
32	CD2D	2kg Carbon Dioxide Extinguisher	x	34	x	x	x	✓	x
33	CD5D	5kg Carbon Dioxide Extinguisher	x	70	x	x	x	✓	x
34	WM3D*	3ltr Water Mist Extinguisher*	8	✓	✓	✓	✓	✓	40
35	WM6D	6ltr Water Mist Extinguisher	13	✓	✓	✓	✓	✓	75

Note: Available only on **make to order** basis

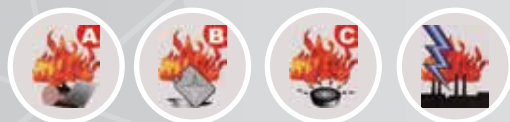
TROLLEY EXTINGUISHERS



MOBILE DRY POWDER

Stored Pressure Type Cartridge type

Dry Powder Mobile Trolley Extinguishers work by firstly applying a coating to the fire which acts like a blanket suffocating the fire. Nitrogen (an inert gas) which is released during the process assists in suffocating further, while simultaneously tackling the chemical reaction of the fire preventing the heat being formed and thereby cooling the floor.



Note: Standard modles are availaible upon request



MODEL	SF-MFE-TM-50COP-D	SF-MFE-TM-50SPP-D	SF-MFE-TM-25COP-D	SF-MFE-TM-25SPP-D
Extinguishing Medium	50Kg 40% ABC Powder	50Kg 40% ABC Powder	25Kg 40% ABC Powder	25Kg 40% ABC Powder
Operating Temperature Range	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
Working Pressure	15 Bar at 20°C	15 Bar at 20°C	15 Bar at 20°C	15 Bar at 20°C
Test Pressure	30 Bar	30 Bar	30 Bar	30 Bar
Propellant	1.6 KG CO ₂	Nitrogen	1.0 KG CO ₂	Nitrogen
Tested And Certified for	BS EN 1866-1:2007	BS EN 1866-1:2007	BS EN 1866-1:2007	BS EN 1866-1:2007
Cylinder Outside Diameter	300mm	300mm	250mm	250mm
Cylinder Height	918mm	918mm	661mm	661mm
Cylinder Weight	25kg	25kg	10.5kg	10.5kg
Cylinder Volume	59.5 L	59.5 L	29.5 L	29.5 L
Extinguisher Type	Cartridge Operated	Stored Pressure	Cartridge Operated	Stored Pressure

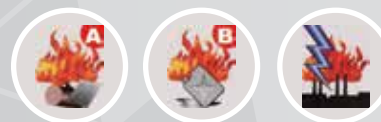
TROLLEY EXTINGUISHERS



MOBILE FOAM

Fire Extinguisher

Foam Mobile Trolley Extinguishers (Aqueous Film Forming Foam) works by firstly applying a film forming foam (bubbles) to the fire which causes a blanket over the fire, suffocating the fire, while almost simultaneously cooling the fire.



Note: Standard modles are availaible upon request



MODEL	SF-MFE-TM-50COP-D	SF-MFE-TM-50SPF-D
Extinguishing Medium	3% AFFF Foam	3% AFFF Foam
Operating Temperature Range	+5°C to +60°C	+5°C to +60°C
Working Pressure	15 Bar at 20°C	15 Bar at 20°C
Test Pressure	30 Bar	30 Bar
Propellant	0.7 KG CO ₂	Nitrogen
Tested And Certified for	BS EN 1866-1:2007	BS EN 1866-1:2007
Cylinder Outside Diameter	320mm	320mm
Cylinder Height	918mm	918mm
Cylinder Weight	27kg	27kg
Cylinder Volume	66.5 L	66.5 L
Extinguisher Type	Cartridge Operated	Stored Pressure

TROLLEY EXTINGUISHERS

CARBON DIOXIDE (CO2) Mobile Trolley Fire Extinguisher

CO2 Mobile Trolley Extinguishers (Carbon Dioxide) – being an inert gas works by expelling the oxygen and thereby suffocating the fire and is suitable for common industries where small class B or Electrical risks occur. It is always to be accompanied by a suitable extinguisher (Foam or Water) to cover class A risks.



MODEL	TC10	TC25	TC30	TC60	TCB100
Capacity	10 Kg	25 Kg	30 Kg	60 Kg	45.5 Kg
Total Weight	38 Kg	96 Kg	102 Kg	195 Kg	124.6 Kg
Total Height (mm)	1025	1420	1420	1300	1650
Total Width (mm)	440	590	590	800	260
Total Depth (mm)	940	1310	1310	1600	1500
Hose Length (mm)	3500	3500	3500	5500	6000
Maximum Effective Range (m)	4	6	6	6	6
Duration of Discharge (Sec)	40-50	75-80	90-94	100-110	110-120
Extinguishing Agent	CO ₂				
Duration of Discharge (Sec)	250				
Coating	Electrostatic Polyester Powder				
Storage Temperature	-20°C to +60°C				

TROLLEY EXTINGUISHERS

WATER TROLLEY Fire Extinguisher

Sffeco Water Mobile Trolley Extinguishers, fight the risk by cooling the fire and is the simple, conventional and ever-faithful extinguishing agent suitable for Fire Class "A". The most excellent or desirable to utilize in commercial and industrial fire protection, it is 100% Hydrostatically tested & the body of cylinders are made from high quality steel, easy to use with low cost maintenance.



MODEL	WT25	WT50	WT100	WT10G	WT35G
Capacity	25 Ltr	50 Ltr	100 Ltr	37.8 Ltr	132 Ltr
Total Weight	51.5 Kg	82 Kg	151 Kg	63 Kg	202 Kg
Total Height (mm)	990	1010	1100	1120	1341
Total Width (mm)	455	555	700	450	555
Total Depth (mm)	665	695	900	400	1078
Hose Length (mm)	3000	5000	5000	3000	5000
Maximum Effective Range (m)	8	8	8	8	8
Duration of Discharge (Sec)	19-23	38-42	77-82	29-33	100-105
Extinguishing Agent	Water				
Propelling Agent	N2				
Working Pressure	12-15 Bar				
Testing Pressure	30 Bar				
Coating	Electrostatic Polyester Powder				
Storage Temperature	5°C to 60°C				

AUTOMATIC EXTINGUISHERS

ABC POWDER AUTOMATIC Fire Extinguisher

Automatic Dry Powder Extinguishers work by firstly applying a coating to the fire which acts like a blanket suffocating the fire. Nitrogen (an inert gas) which is released during the process assists in suffocating further, while simultaneously tackling the chemical reaction of the fire preventing the heat being formed and thereby cooling the floor.

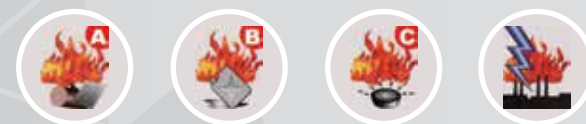


MODEL	PD4.5 MATIC	PD6 MATIC	PD10 MATIC	PD12 MATIC	PD15 MATIC	PD20 MATIC	PD25 MATIC	PD30 MATIC
Capacity	4.5 Kg	6 Kg	10 Kg 12	12 Kg	15 Kg	20 Kg	25 Kg	30 Kg
Total Weight	10.56 Kg	12.06 Kg	19 Kg	22.92 Kg	26 Kg	34 Kg	41 Kg	47 Kg
Total Height (mm)	400	400	460	485	525	470	470	595
Cylinder Height (mm)	162	162	280	305	325	320	320	410
Cylinder Diameter (mm)	280	280	280	280	280	280	360	360
Duration of Discharge (Sec)	10-12	14-16	16-18	18-22	22-26	26-31	30-35	35-40
Extinguishing Agent	Dry Chemical							
Propelling Agent	N2/Dry Air							
Working Pressure	12-15 Bar							
Testing Pressure	30 Bar							
Coating	Electrostatic Polyester Powder							
Storage Temperature	-20°C to +60°C							

AUTOMATIC EXTINGUISHERS

AFFF FOAM AUTOMATIC Fire Extinguisher

Automatic Foam Extinguishers (AFFF – Aqueous Film Forming Foam) works by firstly applying a film forming foam (bubbles) to the fire which causes a blanket over the fire, suffocating the fire, while almost simultaneously cooling the fire.



MODEL	FX4.5 MATIC	FX6 MATIC	FX10 MATIC	FX12 MATIC	FX15 MATIC	FX20 MATIC	FX25 MATIC	FX30 MATIC
Capacity	4.5 Ltr	6 Ltr	10 Ltr	12 Ltr	15 Ltr	20 Ltr	25 Ltr	30 Ltr
Total Weight	10.56 Kg	12.06 Kg	19 Kg	22.92 Kg	26 Kg	34 Kg	41 Kg	47 Kg
Total Height (mm)	400	400	460	485	555	525	470	575
Cylinder Height (mm)	162	162	280	305	370	340	320	390
Cylinder Diameter (mm)	280	280	280	280	280	360	360	360
Duration of Discharge (Sec)	20-28	25-30	50-60	60-90	90-120	120-150	150-180	180-210
Extinguishing Agent	AFFF							
Propelling Agent	N2							
Working Pressure	12-15							
Testing Pressure	30							
Coating	Electrostatic Polyester Powder							
Storage Temperature	5°C to 60°C							

* Modular Extinguishers with nozzles are available only from 4.5 to 15 kg capacities.

FIRE BLANKET



FIRE BLANKET

DESCRIPTION

SFFECO Fire Blankets are specifically designed & manufactured to European Standards for fire blankets with flexible sheet of material intended to be used to extinguish small fires in its early stage by smothering. The blanket is provided with pull tapes for safe handling. When removed from the container the blanket is held in the shield position, protecting the user from the fire. Fire Blankets can be used to wrap around a person whose clothes are on fire and can also be used to wrap around a hot or burning object.

MODEL NO.	DESCRIPTION & SIZE
SFD-FB-1111	Fire Blanket 1.1 m x 1.1 m
SFD-FB-1212	Fire Blanket 1.2 m x 1.2 m
SFD-FB-1218	Fire Blanket 1.2 m x 1.8 m

TECHNICAL DETAILS

DESCRIPTION	SPECIFICATION
Weave Pattern	Twill
Yarn Density – Warp	20 ± 1 cm
Yarn Density – Weft	15 ± 1 cm
Thickness	0.25 ± 0.03 mm
Area Weight	340 ± 20 g/m²
Material	Fiberglass with Silicone coated
Blanket Size Tolerance	-10 mm to +15 mm
Tensile Strength – Warp force	>= 950 N/5cm
Tensile Strength – Weft force	>= 420 N/5cm
TEMPERATURE: Fiberglass Silicone	550°C 260°C
CASE (Packed In)	Red Plastic Container

FIRE BLANKET



FEATURE

- ABSOLUTELY RELIABLE
- SIMPLE TO USE
- EASY STORAGE & PACKING
- PACKED IN A CONTAINER

INSTRUCTIONS

IN CASE OF KITCHEN OIL FIRE

- Pull the tape to remove the fire blanket from the box.
- Hold the blanket against your body like a shield and wrap it around your hand to protect them from burns.
- Put the blanket over the container or pan that's on fire.
- Cut/turn off the source of the heat but don't try to move the container or pan.
- Leave the container or pan to cool completely and do not try to remove the fire blanket till the container is completely cool.

IN CASE OF CLOTHING FIRE

- Pull the tape to remove the fire blanket from the box
- Hold the blanket against your body like a shield and wrap it around your hand to protect them from burns.
- Cover the person who is on fire completely with the blanket to extinguish the flames and use the fire extinguisher if required.

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