



الصافي لأنظمة الأمن والسلامة
Alsafi Security and Safety Systems

أجهزة الأطفاء Fire Fighting Tools



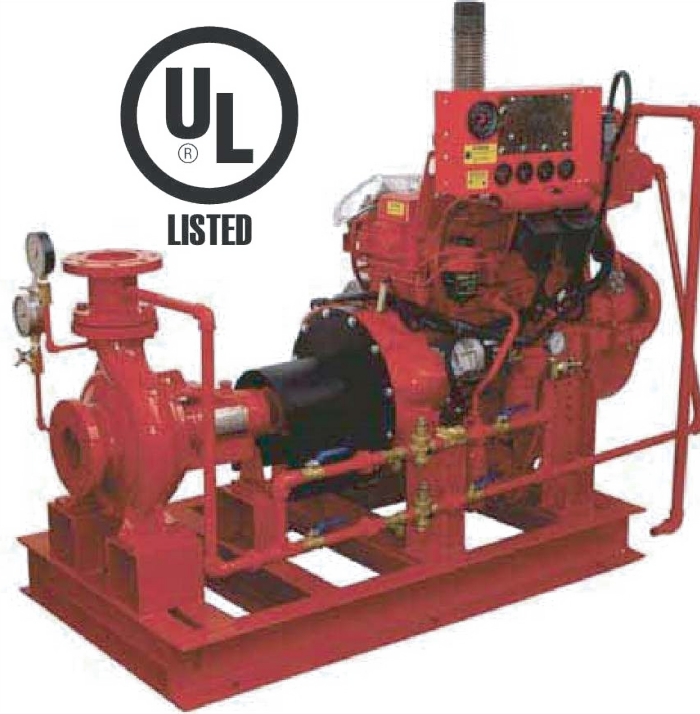
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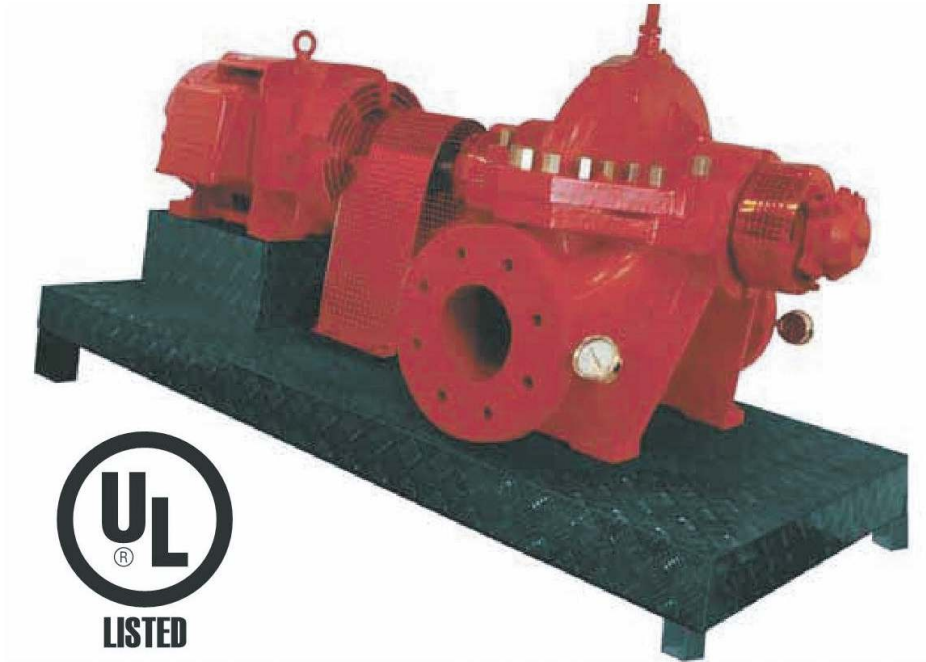
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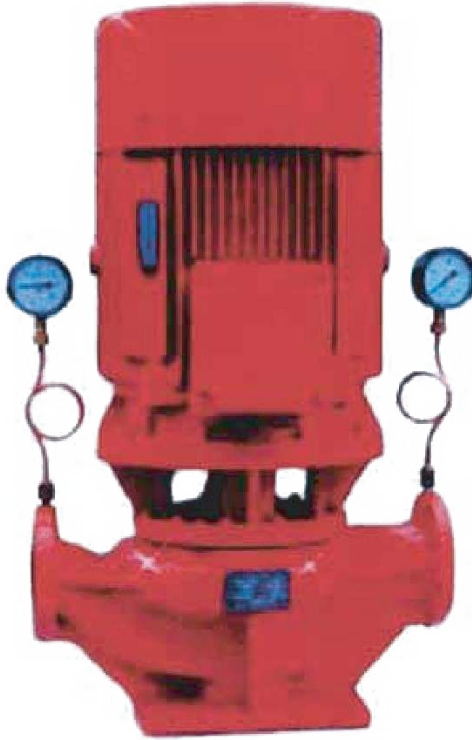
High quality cast iron casing with integral feet for support. It is equipped with standard bronze impeller and stainless steel shaft and sleeves.

RATED CAPACITY (GPM)	RATED NET PRESSURE RANGE (psi)*
50	54-94
100	42-92
150	44-89
200	41-86
250	60-141
300	64-210
400	40-208
450	40-141
500	40-212
750	51-140
1000	62-120
1250	60-88
1500	56-85



High quality cast iron casing with bronze impeller. It is specially designed to meet the mechanical and hydraulic specifications

RATED CAPACITY (GPM)	RATED NET PRESSURE RANGE (psi)*
400	102-126
450	102-126
500	45-126
750	70-178
1000	45-168
1250	70-166
1500	45-172
2000	65-172
2500	61-168
3000	61-112
3500	60-112
4000	106-111



Volute type casing which allows smooth flow. it is made of high quality cast iron with integral square base feet. It is equipped with bronze impeller and stainless steel shaft and sleeves.

RATED CAPACITY (GPM)	RATED NET PRESSURE RANGE (psi)*
100	65-89
150	62-87
200	59-84
250	44-53
300	44-52
400	42-77
450	48-76
500	45-76
750	51-83
1000	80-120

*The range will vary on rpms.





GPx Series

Full Service **Electric Fire Pump Controllers** with or without Automatic Power Transfer Switch

- UL/FM

- Voltage and Horsepower:

208 V to 240 V up to 150 HP

380 V to 415 V up to 500 HP

440 V to 480 V up to 500 HP

600 V to 600 HP

- Starting methods: Accross the line and various reduced voltage types



GPD

Diesel Engine Driven Fire Pump Controllers

- UL/FM

- 12 VDC or 24 VDC

- 120 VAC or 240 VAC

JOCKEY PUMP CONTROLLERS



JP Series

The **Jockey Pump Controllers** are specifically designed to control jockey pumps in order to maintain the desired water pressure in fire pump serviced systems. A jockey pump installation prevents unnecessary starting of the fire pump due to small leaks.



Standard Fire Pumps are packaged fire pump sets.
They are available in following packages:

- EDJ:** Duty Electric Fire Pump, Standby Diesel Fire Pump & Jockey Pump
- EJ:** Duty Electric Fire Pump and Jockey Pump
- DJ:** Standby Diesel Fire Pump & Jockey Pump

PERFORMANCE:

CAPACITY: 50 gpm - 1500 gpm (11.4 m³/hr - 340 m³/hr)

HEAD: 100 PSI - 261 PSI (70 m - 180 m)

RPM: 2900 / 3500

PUMP CONTROLLERS

Designed to control and monitor the operation of Duty, Standby and Jockey Pumps in both manual and automatic modes. control circuits can be customized and additional features can be added. it is factory tested and reliable product that comes either combined or separate for each pump.



Fire Fighting Skid is mounted on a heavy duty skid.
It has a cabinet equipped with fire hose and one vertical multistage pump.
The tank is made with Fiber Glass, and it is mounted on a heavy duty base.

Applications

Camps, Temporary fire fighting arrangements, Remote areas, Extra supporting arrangements, etc.

Specifications

Tank Size 4000Liter

Pump: Vertical Multistage 50GPM@7Bar

Fire Hose Cabinet with 1" x 30 Meter Length Hose & Nozzle

Pressure Tank capacity is 60 Liter. Optional with 100 Liter



STANDARD MODELS

MODEL	CAPACITY	TYPE	DESCRIPTION
PD4.5MATIC	4.5 kg	Automatic	-
PD6MATIC	6 kg	Automatic	-
PD10MATIC	10 kg	Automatic	-
PD12MATIC	12 kg	Automatic	-
PD15MATIC	15 kg	Automatic	-
PD20MATIC	20 kg	Automatic	-
PD25MATIC	25 kg	Automatic	-
PD30MATIC	30 kg	Automatic	-
PD1	1 kg	Portable	Stored Pressure
PD2	2 kg	Portable	Stored Pressure
PD3	3 kg	Portable	Stored Pressure
PD4	4 kg	Portable	Stored Pressure
PDB5	5 LBS	Portable	Stored Pressure
PD6	6 kg	Portable	Stored Pressure
PD9	9 kg	Portable	Stored Pressure
PD10	10 kg	Portable	Stored Pressure
PDB10	10 LBS	Portable	Stored Pressure
PD12	12 kg	Portable	Stored Pressure
PC6	6 kg	Portable	Outside Cartridge
PC12	12 kg	Portable	Outside Cartridge
PDC6	6 kg	Portable	Inside Cartridge
PDC10	10 kg	Portable	Inside Cartridge
PDC12	12 kg	Portable	Inside Cartridge
TPC25	25 kg	Mobile	Outside Cartridge
TPC30	30 kg	Mobile	Outside Cartridge
TPC50	50 kg	Mobile	Outside Cartridge
TPCS75	75 kg	Mobile	Outside Cartridge
TPCS100	100 kg	Mobile	Outside Cartridge
TPCS150	150 kg	Mobile	Outside Cartridge
TPD25	25 kg	Mobile	Stored Pressure
TPD30	30 kg	Mobile	Stored Pressure
TPD50	50 kg	Mobile	Stored Pressure
TPDS75	75 kg	Mobile	Stored Pressure
TPDS100	100 kg	Mobile	Stored Pressure
TPDS150	150 kg	Mobile	Stored Pressure



APPROVED MODELS

MODEL	CAPACITY	FIRE RATING
PD1	1 kg	8A - 34B
PD2	2 kg	13A - 70B
PD4	4 kg	21A - 113B
PD6	6 kg	34A - 183B
PD9	9 kg	43A - 233B
PD12	12 kg	55A - 233B



APPROVED MODELS

MODEL	CAPACITY	FIRE RATING
FX6	6 Ltr	21A - 144B
FX9	9 Ltr	21A - 183B



STANDARD MODELS

MODEL	CAPACITY	TYPE	DESCRIPTION
FX4.5MATIC	4.5 Ltr	Automatic	-
FX6MATIC	6 Ltr	Automatic	-
FX10MATIC	10 Ltr	Automatic	-
FX12MATIC	12 Ltr	Automatic	-
FX15MATIC	15 Ltr	Automatic	-
FX20MATIC	20 Ltr	Automatic	-
FX25MATIC	25 Ltr	Automatic	-
FX30MATIC	30 Ltr	Automatic	-
FX6	6 Ltr	Portable	Stored Pressure
FX9	9 Ltr	Portable	Stored Pressure
FX100	10 Ltr	Portable	Stored Pressure
FXC100	10 Ltr	Portable	Outside Cartridge
TFC50	50 Ltr	Mobile	Outside Cartridge
TFC100	100 Ltr	Mobile	Outside Cartridge
TFC35G	35 Gallons	Mobile	Outside Cartridge
TF25	25 Ltr	Mobile	Stored Pressure
TF30	30 Ltr	Mobile	Stored Pressure
TF50	50 Ltr	Mobile	Stored Pressure
TF100	100 Ltr	Mobile	Stored Pressure
TF10G	10 Gallons	Mobile	Stored Pressure
TF35G	35 Gallons	Mobile	Stored Pressure



APPROVED MODELS

MODEL	CAPACITY	FIRE RATING
WH600S	6 Ltr	13A
WH900S	9 Ltr	21A
WH600J	6 Ltr	13A
WH900J	9 Ltr	13A



STANDARD MODELS

MODEL	CAPACITY	TYPE	DESCRIPTION
WT4.5MATIC	4.5 Ltr	Automatic	-
WT6MATIC	6 Ltr	Automatic	-
WT10MATIC	10 Ltr	Automatic	-
WT12MATIC	12 Ltr	Automatic	-
WH600	6 Ltr	Portable	Stored Pressure
WH900	9 Ltr	Portable	Stored Pressure
WH1000	10 Ltr	Portable	Stored Pressure
WHC1010	10 Ltr	Portable	Inside Cartridge
WHC600	6 Ltr	Portable	Outside Cartridge
WT25	25 Ltr	Mobile	Stored Pressure
WT50	50 Ltr	Mobile	Stored Pressure
WT100	100 Ltr	Mobile	Stored Pressure
WT10G	10 Gallons	Mobile	Stored Pressure
WT35G	35 Gallons	Mobile	Stored Pressure



Used for cooking oil/ fat fires. The fine spray gives almost immediate flame extinguishment while the wet chemical agent reacts with oil. Suitable for class A & F fires.



MODEL	CAPACITY	FIRE RATING	TYPE
SKF 6	6 Litres	13A 75F	Portable





APPROVED MODELS

MODEL	CAPACITY	FIRE RATING
CD2S	2 kg	34 B
CD2SZ	2 kg	55 B
CD2G	2 kg	21 B
CD5G	5 kg	55 B



STANDARD MODELS

MODEL	CAPACITY	TYPE	DESCRIPTION
CD 2-G	2 kg	Portable	Stored Pressure
CD 5-L	5 Lbs	Portable	Stored Pressure
CD 10-L	10 Lbs	Portable	Stored Pressure
CD 5-G	5 kg	Portable	Stored Pressure
CD 6-G	6 kg	Portable	Stored Pressure
CD 15-L	15 Lbs	Portable	Stored Pressure
TC10	10 kg	Mobile	Stored Pressure
TC20	20 kg	Mobile	Stored Pressure
TC25	25 kg	Mobile	Stored Pressure
TC30	30 kg	Mobile	Stored Pressure
TC45	45 kg	Mobile	Stored Pressure
TC50	50 kg	Mobile	Stored Pressure
TC60	60 kg	Mobile	Stored Pressure



APPROVED MODELS

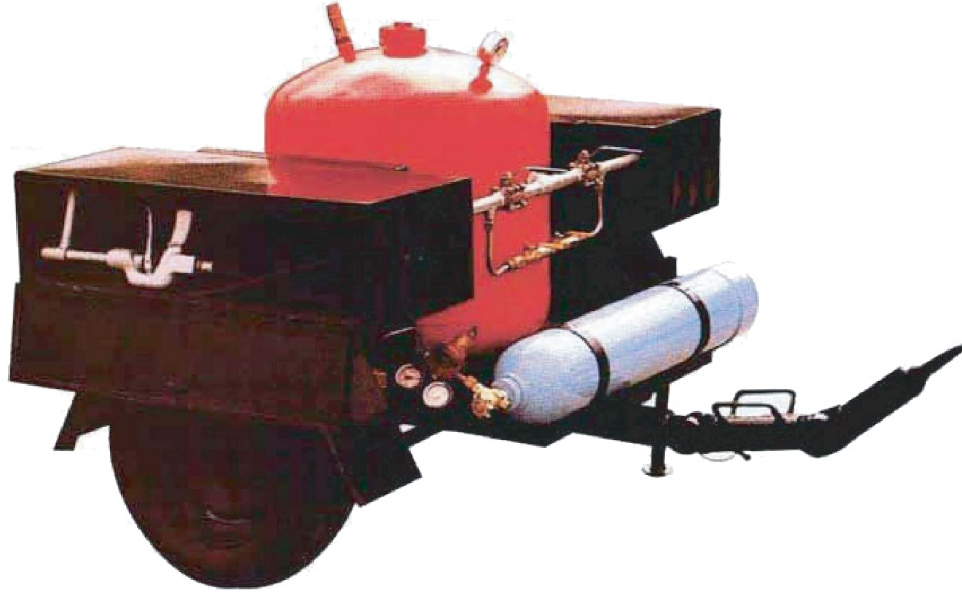
MODEL	CAPACITY	FIRE RATING
PHT-2	2 kg	34 B
PHT-4	4 kg	5A & 55B
PHT-6	6 kg	8A & 70B



STANDARD MODELS

MODEL	CAPACITY	TYPE	DESCRIPTION
HT4.5MATIC	10 Lbs	Automatic	-
HT6MATIC	6 kg	Automatic	-
HT9MATIC	9 kg	Automatic	-
HLT1	1 kg	Portable	Stored Pressure
HLT2	2 kg	Portable	Stored Pressure
HLT4	4 kg	Portable	Stored Pressure
HLTB10	10 Lbs	Portable	Stored Pressure
HLT6	6 kg	Portable	Stored Pressure
HLT10	10 kg	Portable	Stored Pressure
HLT12	12 kg	Portable	Stored Pressure





Mobile Dry Powder Fire Extinguisher Trailers Model **SP 250** and **SG 250** are characterized of their robust design, high efficiency in extinguishing powder due to the excellent extinguishing dry powder agent.

TYPE	SP 250	SG 250
Classes of Fire	ABCE	BCE (E upto 1000V)
Total Weight	590 kgs.	590 kgs.
Capacity of Extinguishing Agent	250 kgs	250 kgs
Extinguishing Agent	Dry Powder	Dry Powder
Propellant	27 Ltr. Nitrogen (N2)	27 Ltr. Nitrogen (N2)
Working Pressure	13 Bar	13 Bar
Container Test Pressure	24 Bar	24 Bar
Length of Hose	2 high pressure hoses of 20m each	2 high pressure hoses of 20m each
Temperature Range for Operational Safety	-40°C up to +60°C	-40°C up to +60°C
Duration of Discharge (uninterrupted)	ca. 140 sec. 1 pistol 70 sec. 2 pistols	ca. 140 sec. 1 pistol 70 sec. 2 pistols
Range of Discharge	8 - 12 metre adjustable	8 - 12 metre adjustable



MODEL	DIMENSIONS		
	WIDTH	HEIGHT	DEPTH
SF 9000	700 mm	1120 mm slopped roof	300 mm

Model SF10000 Series, same as above but with 1.5" x 30 mtr. hose mounted on Hose Rack.

All Cabinets can be *Recessed, Semi Recessed & Surface Mounted*

RSD - Full Metal Door

RGD - Full Clear Glass Door

RVD - Vertical Clear Glass Door

SFFECO Foam/Water Cabinet Model SF9000 characterised for its high performance for attacking class A, B Fire within seconds. Designed for single man operation. Highly efficient in gas stations, petro-chemical plants, industrial premises, warehouse and in any areas requiring protection from class A or B fires.

Cabinet and door leaf made of electro-galvanised steel of thickness 1mm to 2mm which depends upon the use and customer requirements.

Cabinets are with all around folded edges without any sharp edges and burrs. The roof is with slop.

Cabinet painting is done by electrostatic power paint, oven baked to temperatures between 160°C to 200°C to protect from rust and to give good finish

Operating instructions are silk screen printed in English and Arabic inside the cabinet doors.



All Cabinets can be Recessed, Semi Recessed & Surface Mounted

- RSD - Full Metal Door
- RGD - Full Clear Glass Door
- RVD - Vertical Clear Glass Door
- RHD - Horizontal Clear Glass Door
- RSSD - Stainless Steel Frame & Door
- RSVD - Stainless Steel Frame & Door with Vertical Clear Glass Door
- RSGD - Stainless Steel Frame & Door with Full Clear Glass Door
- SSSD - Full Stainless Steel
- SSVD - Full Stainless Steel with Vertical Clear Glass Door
- RCD - Circular Clear Glass Door
- RSCD - Stainless Steel Frame & Door with circular Clear Glass

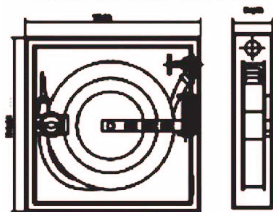


MODEL	SIZE OF CABINET			WALL OPENING SIZE		
	WIDTH	HEIGHT	DEPTH	WIDTH	HEIGHT	DEPTH
SF300	800mm	800mm	230mm	820mm	820mm	240mm
SF300A	800mm	800mm	250mm	820mm	820mm	260mm
SF300AS	800mm	800mm	250mm	820mm	820mm	260mm
SF305/20	700mm	700mm	200mm	720mm	720mm	210mm
SF305/30	700mm	700mm	250mm	720mm	720mm	260mm
SF305A	700mm	700mm	250mm	720mm	720mm	260mm
SF305AS	700mm	700mm	250mm	720mm	720mm	260mm
SF600	1050mm	800mm	230mm	1070mm	820mm	240mm
SF600A	1050mm	800mm	250mm	1070mm	820mm	260mm
SF600AS	1050mm	800mm	250mm	1070mm	820mm	260mm

NOTE: Standard Cabinet is not equipped with EN Hose

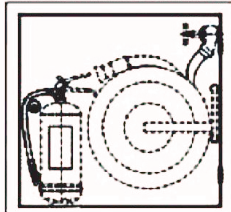


FIRE HOSE CABINET WITH EXTINGUISHER AND ONE DOOR



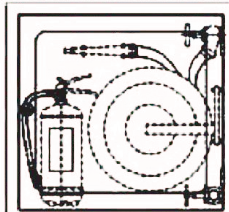
MODEL SF4000 FOR 1.5" HOSE
MODEL SF5000 FOR 2.5" HOSE

FIRE HOSE CABINET WITH EXTINGUISHER AND ONE DOOR



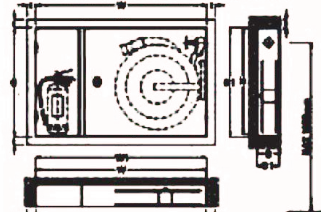
MODEL SF4400 FOR 1.5" HOSE
MODEL SF5400 FOR 2.5" HOSE

FIRE HOSE CABINET WITH EXTINGUISHER ONE DOOR AND ADDITIONAL VALVE



MODEL SF4600 FOR 1.5" HOSE
MODEL SF5600 FOR 2.5" HOSE

FIRE HOSE CABINET WITH EXTINGUISHER AND DOUBLE DOOR



MODEL SF4200 FOR 1.5" HOSE
MODEL SF5200 FOR 2.5" HOSE

CABINETS FOR 1½" SYNTHETIC HOSE

MODEL	SIZE OF CABINET			WALL OPENING SIZE		
	WIDTH	HEIGHT	DEPTH	WIDTH	HEIGHT	DEPTH
SF4000	650mm	650mm	150mm	670mm	670mm	160mm
SF4200	900mm	650mm	180mm	920mm	670mm	190mm
SF4400	850mm	650mm	180mm	870mm	670mm	190mm
SF4600	850mm	900mm	220mm	870mm	920mm	230mm

CABINETS FOR 2½" SYNTHETIC HOSE

MODEL	SIZE OF CABINET			WALL OPENING SIZE		
	WIDTH	HEIGHT	DEPTH	WIDTH	HEIGHT	DEPTH
SF5000	650mm	650mm	190mm	670mm	670mm	200mm
SF5200	900mm	650mm	180mm	920mm	670mm	200mm
SF5400	850mm	650mm	190mm	870mm	670mm	200mm
SF5600	850mm	900mm	220mm	870mm	920mm	230mm



DOUBLE COMPARTMENT CABINETS

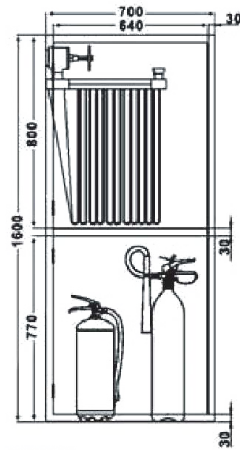
are available in two models

SF900 - Manual Type Hose

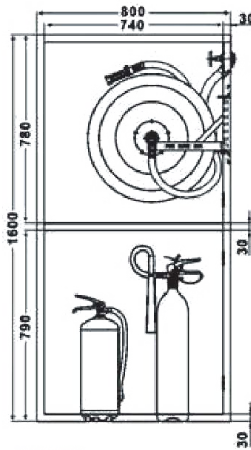
SF900A - Automatic Type Hose

All Cabinets can be Recessed, Semi Recessed & Surface Mounted

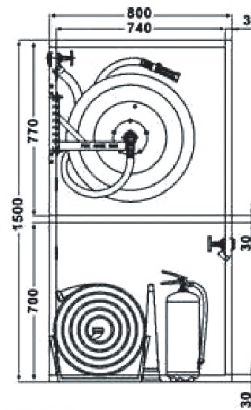
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- RSSD - Stainless Steel Frame & Door
- RSVD - Stainless Steel Frame & Door with Vertical Clear Glass Door
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- SSVD - Full Stainless Steel with Vertical Clear Glass Door
- RCD - Circular Clear Glass Door
- RSCD - Stainless Steel Frame & Door with circular Clear Glass



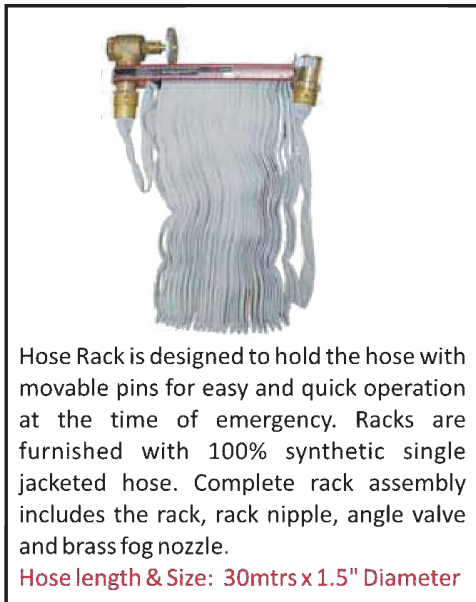
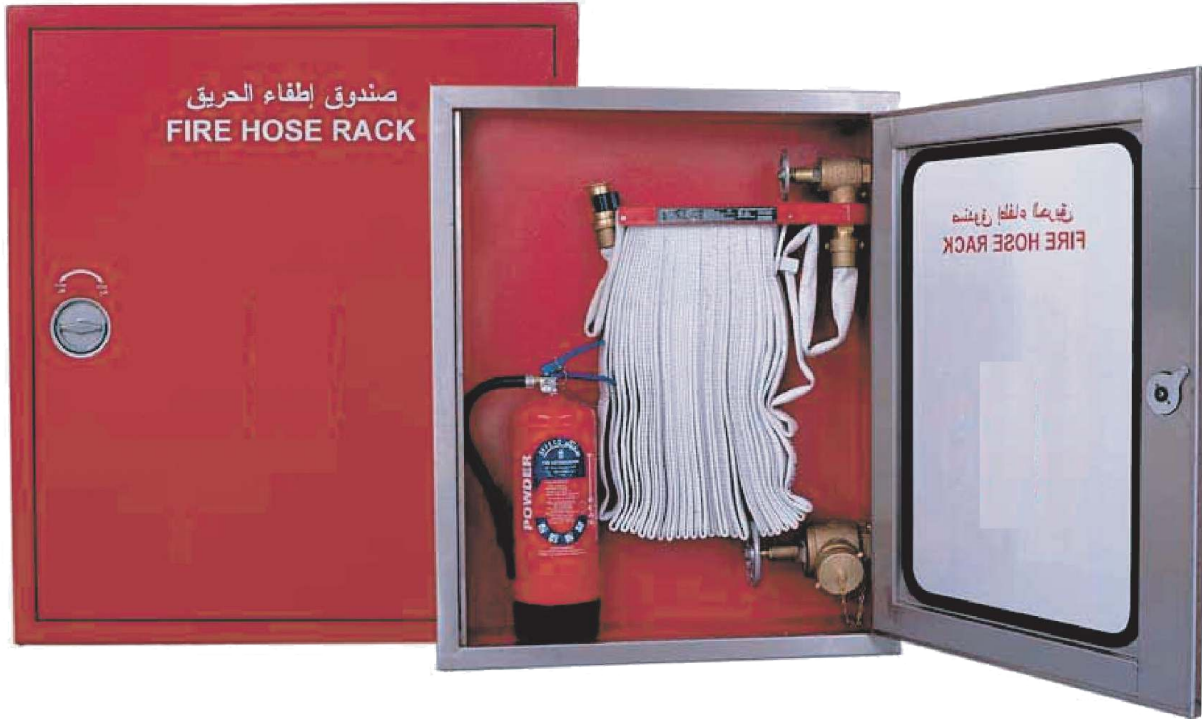
OPTION 1
Semi Automatic Hose Rack - 1.5" x 30M
Jet & Spray Nozzle - 1.5"
Angle Valve - 1.5"
Fire Extinguisher - 5kg Co2
Fire Extinguisher - 6kg Dry Powder



OPTION 2
Rubber Hose Reel - 25mm x 30M
Jet & Spray Nozzle - 1.5"
Landing Valve - 1.5"
Fire Extinguisher - 5kg Co2
Fire Extinguisher - 6kg Dry Powder



OPTION 3
Rubber Hose Reel - 25mm x 30M
Jet & Spray Nozzle - 1"
Landing Valve - 1"
Synthetic Hose with Coupling - 2.5"x30M
Jet Nozzle - 2.5"
Landing Valve - 2.5"
Fire Extinguisher - 6kg Dry Powder



Hose Rack is designed to hold the hose with movable pins for easy and quick operation at the time of emergency. Racks are furnished with 100% synthetic single jacketed hose. Complete rack assembly includes the rack, rack nipple, angle valve and brass fog nozzle.

Hose length & Size: 30mtrs x 1.5" Diameter

HOSE RACK CABINETS come equipped with a Synthetic Hose.

AVAILABLE MODELS

- SFR 150**
- SFR 200E**
- SFR 200EV**

All Cabinets can be Recessed, Semi Recessed & Surface Mounted

- RSD - Full Metal Door
- RGD - Full Clear Glass Door
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- RHD - Horizontal Clear Glass Door
- RSSD - Stainless Steel Frame & Door
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- SSVD - Full Stainless Steel with Vertical Clear Glass Door
- RCD - Circular Clear Glass Door
- RSCD - Stainless Steel Frame & Door with circular Clear Glass



SFM Clean Agent Cylinders are used in fire extinguishing systems to store the Clean Agent until a fire develops and the agent must be released. The Clean Agent is retained in the container by a valve assembly which contains a fast acting rupture disc.

Clean Agent is an odorless, colorless, liquefied compressed gas. It is stored as a liquid and dispensed into the hazard as a colorless, electrically non-conductive vapor that is clear and does not obscure vision.

It leaves no residue and has acceptable toxicity for use in occupied spaces at design concentration.

Clean Agent extinguishes a fire by a combination of chemical and physical mechanisms. It does not displace oxygen and therefore is safe for use in occupied spaces without fear of oxygen deprivation.

MODEL	SIZE (L)	VALVE (mm)	EMPTY WT. (kg.)	FILL RANGE (lbs)
SF20-20	8	25	13	12 - 21
SF20-35	15	25	17	22 - 38
SF20-60	27	25	23	39 - 68
SF20-100	44	25	35	58 - 100
SF20-215	87	80	89	124 - 217
SF20-375	153	80	144	215 - 375
SF20-650	267	80	237	370 - 647
SF20-1000	423	80	310	572 - 1000



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SF20-35	15	25	17	22 - 38
SF20-60	27	25	23	39 - 68
SF20-100	44	25	35	58 - 100
SF20-215	87	80	89	124 - 217
SF20-375	153	80	144	215 - 375
SF20-650	267	80	237	370 - 647
SF20-1000	423	80	310	572 - 1000



COMPONENTS OF SYSTEM

Actuation Components

Manual & Pressure Operated Control Head Valve
 Electrical & Pressure Operated Control Head Valve
 Pressure Operated Control Head Valve
 Electrical Actuated Control Head Valve
 Resettable Solenoid Valve

Cylinder Assembly Components

CO₂ Cylinder
 CO₂ Head Valve
 CO₂ Discharge Flexible Hose
 CO₂ Non-Return Valve
 Manifold Pipe
 Cylinder Electric Actuator
 Pneumatic Hose
 CO₂ Nozzle
 Vent Valve
 Directional Valve (*Optional*)

Actuation Components

CO₂ Fire Extinguishing Panel
 Main-Reserve Transfer Switch
 Pressure Switch
 Manual Release Unit
 Abort Station
 Status Indicator
 Fire Alarm Bell
 Flasher
 Warning Signs
 Alarm Sounder

Carbon Dioxide Fire Protection System offers a unique high pressure that minimizes the potential loss of lives and properties by acting in lowering the fire temperature and reducing oxygen level below reignition point. CO₂ Cylinders are made of seamless steel and available in various capacities. Cylinders, combined with other system parts provide a comprehensive system suitable for total flooding a local application scenarios.



MODELS:

150 ltr Capacity: FM150

200 ltr Capacity: FM200

COMPONENTS

Foam Tank: Carbon Steel.

Stainless Steel also Available

Foam Eductor: 2", 1% - 6% Adjustable Proportioning

Foam Branch Pipe

Fire Hose: 1 3/4" dia or 1 1/2" 15M (2 nos.)

Foam Branch Pipe with Ball Valve

Options: Special foam nozzles and branch pipes available as per request

Foam Master are ideal for rapid deployment of foam to flammable liquid fires and chemical spills. It can be operated by one person.

TYPICAL PERFORMANCE DATA				
INPUT PRESSURE AT INDUCTOR Bar	TOTAL WATER FLOW LPM	TOTAL FOAM PRODUCED LPM	FOAM THROW FROM BRANCHPIPE (M)	DURATION FOR FOAM SETTING AT 3% APPROX
5	180	1800	15	28 Min.
6	198	1980	17	26 Min.
7	215	2150	19	23 Min.
10	260	2600	20	20 Min.



MODEL NO: SHC-50

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.

TECHNICAL FEATURES:

The hydrant material is cast iron.

The 4" shell hydrant is made according to BS750 standard.

Two numbers of 2 ½ " hydrant landing valves with cap and chain are provided with the hydrants.

The valves are of NST threads and PN16 rating.

(Other pressure ratings are available upon request)



Dry Barrel Design eliminates damage to the Hydrant caused by freezing or corrosion of the upper part.

Break Away Design to prevent accidents to the hydrants where only the upper part of the Flange will be broken upon impact.

Designed as per AWWA C502, which applies for the wall thickness, loss of head and hose connection plugs.

Simple rugged construction and easy to maintain.
Ductile Hydrants available upon request.

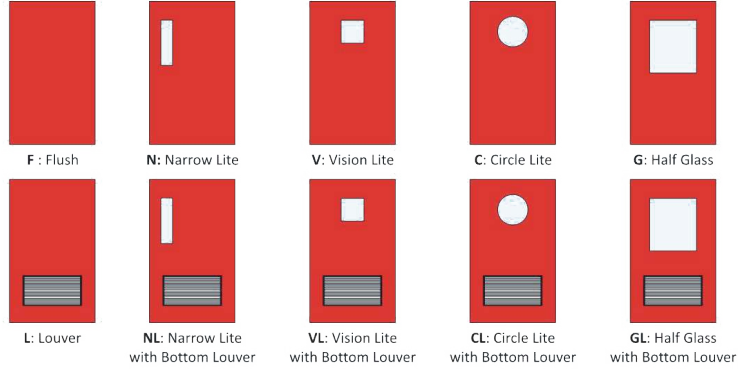
MODEL	BURIED LENGTH	DIAMETER	ATTACHMENTS
100SFH800-CI	800 mm	4" (100mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Dia. Hose Outlet
100SFH1200-CI	1200 mm	4" (100mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Dia. Hose Outlet
150SFH800-CI	800 mm	6" (150mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Dia. Hose Outlet
150SFH1200-CI	1200 mm	6" (150mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Dia. Hose Outlet
150SFH1200	1200 mm	6" (150mm)	1 pc 4" Pumper Connection & 2 pcs of 2.5" Brass Oblique Landing Valves with key

SF-F-06(X) 

- Meets all applicable parts of ANSI/AWWA C502 standard
- UL Listed (EX 15971) and FM Approved (FM1510)
- 250 psig working pressure, 400 psi testing pressure as per UL-EX 15971
- 500 psig working pressure, 500 psi test pressure as per FM 1510
- Secured by the stainless steel safety stem coupling, the hydrant prevents traffic damage by pulling out if hit by a vehicle preventing damage to the main valve and stem.
- Dual bronze drain ways.
- Efficient hydraulic design provides optimum performance & maximum flow.
- Threaded and field replaceable hose nozzles and pumper outlet.
- Ease of operation by anti-friction washer and forced lubrication
- Easily removable main valve from either the bonnet or ground line flange
- 360° nozzle section rotation
- Field replaceable nozzles secured with external stainless steel lock screw
- Epoxy lined hydrant shoe and nozzle section

MODEL	LENGTH (mm) (X)	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)	1300 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.





MATERIAL : Cold Rolled Steel, Galvanized Steel or Stainless Steel

MATERIAL THICKNESS: Minimum of 1.2mm

DOOR LEAF THICKNESS: 45mm

FINISH: The doors are supplied factory primed as standard.
Alternatively they can be supplied powder painted as per customer request

STANDARD FIRE DOOR HARDWARE

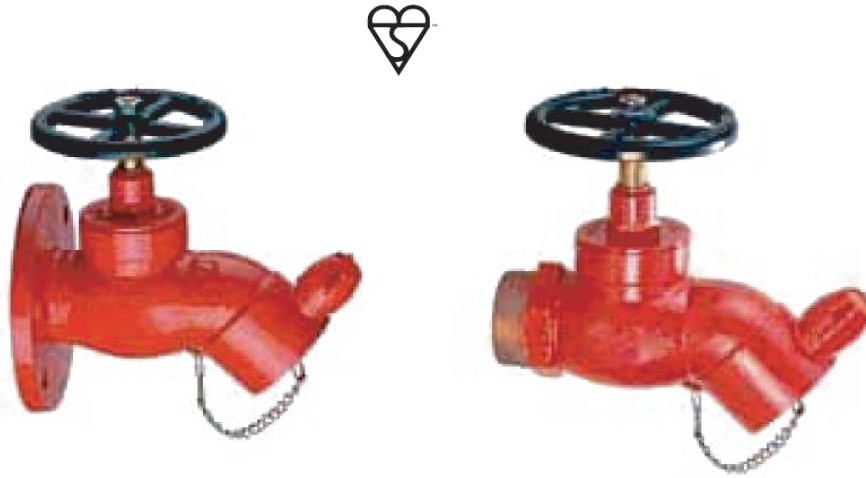
- Fire rated Locks or Exit Devices with Latching Units
- Ball Bearing Hinges
- Door Closer/ Floor Closer
- Weatherstrip
- Door Bottom
- Flush Bolts (Double Door Only)
- Coordinators (Double Door Only)

OPTIONAL HARDWARE

- Kick Plate or Protection Plate
- Surface Bolts
- Threshold (Panic Threshold or Saddly Threshold)

MODEL	TYPE	DOOR LEAF SIZE width x height	DOOR LEAF WEIGHT kg	FRAME SIZE width x height
SF-SD	Single	794 x 1934 mm	55	900 x 2000 mm
SF-SD	Single	894 x 1934 mm	62	1000 x 2000 mm
SF-DD	Double	2 x 795 x 2000 mm	110	1700 x 2000 mm
SF-DD	Double	2 x 895 x 2000 mm	124	1900 x 2000 mm





MODELS:

Flanged End: **SBR109**

Screw Type: **SWR111**

SPECIFICATIONS:

Body	:	Gun Metal
Handwheel	:	Grey Cast Iron
Inlet	:	Flanged/Threaded
Outlet	:	Female instantaneous to BS336.
Pressure Test	:	22.5 Bar
Nominal Size	:	2½"



MODELS

Flanged: **SDR098**

Threaded: **SDR097**

SFFECO Oblique Landing Valves are manufactured according to BS 5041 and are available with an outlet of 65mm Ø with instantaneous coupling to BS 336 and inlet with flange.

TECHNICAL SPECIFICATIONS

BODY	Copper Alloy/Gun Metal
HAND WHEEL	Grey Cast Iron
INLET	65mm Ø flange or screw thread
OUTLET	65mm Ø instantaneous/threaded
TEST PRESSURE	327 psi (22.5 Bar)
FINISHES	Brass, Chrome or Red Painted

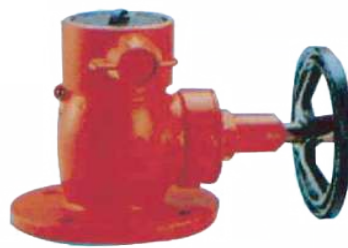


MODELS:
 Flanged End: **SDR106**
 Screw Type: **SDR105**

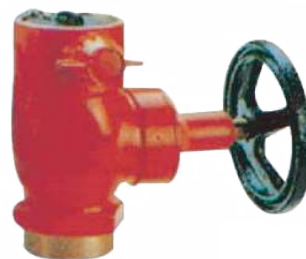
SPECIFICATIONS:

- Body : Brass/Gun Metal
- Handwheel : Grey Cast Iron
- Inlet : Flanged/Threaded
- Outlet : Female instantaneous to BS336.
- Pressure Test : 22.5 Bar
- Nominal Size : 2½"

SDR 107



SDR 108



TECHNICAL SPECIFICATIONS

MODEL	SDR 107	SDR 108
BODY	Copper Alloy	
HAND WHEEL	Grey Cast Iron	
INLET	65mm Ø Screw Thread	65mm Ø flanged end
OUTLET	65mm Ø instantaneous	
TEST PRESSURE	327 psi (22.5 Bar)	
FINISHES	Red Painted	



MODELS:

Flanged End: **SWR120**

Screw Type: **SWR121**

FEATURES

Pressure Regulating "E" Type Valve enables a uniform fire fighting pressure to be maintained at any hydrant in a fire protection system irrespective of its location, the regulator can be quickly and easily adjusted in-site to meet, individual floor level pressure requirements.

PRESSURE RANGES:

Outlet: 4.1 - 8.3 Bar (60 - 120psi)

Inlet: 4.8 - 20.7 Bar (70 - 300psi)

CONNECTIONS:

Outlet: 2 ½ " Instantaneous Female Coupling to BS336

Inlet: 2 ½ " Flanged ANSI 150;

FINISHES:

Brass, Chrome or Red Painted



Angle Hose Valve is manufactured in accordance with UL668 hose valve fire protection service. It is used with a fire department outlet or with a hose rack assembly.

Angle hose Valve 1½" Model A

NPT Thread Female inlet with 1½" NPT Female thread outlet

Angle hose Valve 1½" Model A

NPT Thread Female inlet with 1½" NST Male thread outlet

Angle hose Valve 2½" Model A

NPT Thread Female inlet with 2½" NPT Female thread outlet

Angle hose Valve 2½" Model A

NPT Thread Female inlet with 2½" NST Male thread outlet

TECHNICAL SPECIFICATION

MATERIAL BODY	HAND WHEEL	RATED PRESSURE	TEST PRESSURE
CAST BRASS	Ductile Iron	300 psi	600 psi
FINISHES	Brass or Chrome		



Model FDCA (straight pattern) Fire Department Connections with single clapper 4 x 2 1/2" x 2 1/2" Siamese type. The clapper design allows for one or both inlets to be pressurized during operation and provide supplementary water supply connection for automatic sprinkler systems as per NFPA 13.

WALL PLATES

The wall plates are constructed of corrosion resistant aluminium alloy with marking "AUTO SPKR" and "FIRE DEPT CONNECTION".

Optional: Cast brass plate available upon request.

CAPS

The breakaway caps are supplied in heavy duty plastic or cast aluminium alloy for the protection of 2 1/2" inlets.

Optional: 2 1/2" Brass Coupling (Male) with Chain.

TECHNICAL DATA

SIZE: Outlet 4" (102mm) NPT Female
Inlet 2 1/2" (64mm) NST Male

Maximum Working Pressure: 300psi

Test Pressure: 600psi

STANDARD FINISH

FDC - Rough Brass

Material Rough Brass C85700 for FDC

Wall Plates - Red Enamel paint with raised letters painted white

Caps: Red Plastic or Red Enamel paint

Optional: Chrome Finish available on request

محبس صندوق



الرايزر - الجرس الهائي





MODEL A

TYPE: Nozzle, Jet Type

FINISH: Brass Finish

SIZES: 1½" and 2½"



MODEL B

TYPE: Nozzle Jet, Spray and Close, Rotary Type

FINISH: Chrome Finish & Brass Finish

SIZES: 1½" and 2½"



MODEL C

TYPE: Nozzle Jet, Spray and Close, Rotary Type

CONTROL: 3 way control, Straight-Spray-Shut off

FINISH: Aluminium and Plastic

SIZES: 2½"

الفيتنق



الرشاش المائي



صناديق طفايات

