



INTERNATIONAL Center
For Trading Industrial Safety & Fire



SRI

www.int-center.net



INTERNATIONAL Center For Trading Industrial Safety & Fire

It's our pleasure to introduce our company shortly to you

We Have International Center Group companies as following

- International Center for contracting work.
- International Center of Mechanical power work & electrical Work.
- International Centre for Trade Industrial Safety and Fire fighting Equipment.

We have offices & showrooms all over Egypt countries and our head office addresses:

Ali El Din Complex Beside Leilet El Kadr , 6th of October , Giza, Egypt.

It is our great pleasure to grow up with your esteemed commercial and geometric relationships also welcome to join our group of companies within your own suppliers record.

We also take you to note that the International Center of the largest specialized companies in the field of industrial security since 1997 we do supply all industrial firefighting requirements and fire alarm, and we also study and design and supervision, installation, monitoring and maintenance for all water, gas fire networks, fire alarm automatic and manual, by a team of consultants, engineers design, implementation professionals, specialists and technicians in the field.

International Center Group companies the sole agent for SRI Malaysia, specialized in the latest firefighting equipment based on the international standards.

Our fields

- 1- Supply of industrial firefighting and fire alarm equipment.
- 2- Engineering designs, the development of assays and technical specifications of all acts of automatic warning systems and control of the fire.
- 3- Implementation of automated systems for the fire alarm and automatic fire with machine guns and gas water quenched.
- 4- Study engineering projects prior to implementation and reviewed in accordance with the requirements of the Egyptian source code and NFPA for the foundation design and implementation requirements to protect the installations of fire and other codes.
- 5- Preview work to secure facilities and systems to assess the suitability and efficiency, testing and receipt of all insurance systems for the safety of persons and prevention facilities from the dangers of fire.

Fire Hose Reel Cabinet 1"

Cabinet Dimensions

Width 700mm x Height 800mm x Depth 250mm.

& Width 800mm x Height 800mm x Depth 300mm.

Cabinet manufactured from mild steel with 1.2mm thickness and painting from inside and outside with Epoxy Powder Red with minimum 70 micron to protect the cabinet from Weather factors

Cabinet Contain the following Items:

1- Manual Swing Type Hose Reel coiled With Lay flat Fire hose of Flexible rubber which reinforced with fiber industrial and the internal diameter of the hose 1" inches and the length of 30 meters.

2- Valve 1" inch made of Copper which Rust-resistant material to control the process of opening and closing the water.

3- Fire Nozzle 1" inch.

Hose Reel able to withstand pressure equal to three times the maximum operating pressure of 12 bar her without exploding.

Hose Lay Flat is installed in the beginning of the water inlet fixation tightly by pressing .

The cabinet is well equipped to install at Wall mounted.

The cabinet door hinges enabling it to swing up to 180°.



Double Compartment Fire Hose Reel Cabinet 1" with Fire Extinguisher

Cabinet Dimensions

Width 1050mm x Height 840mm x Depth 300mm.

Same Technical Speciation for Fire Hose Reel Cabinet 1" with addition of leaf side in order to protect the Fire Extinguisher.

Fire Hose Reel STAINLESS STEEL Cabinet 1"

Cabinet Dimensions

Width 700mm x Height 800mm x Depth 250mm

Cabinet manufactured from Stainless steel with 1.2mm Brash finishing to protect the cabinet from Weather factors.

Cabinet Contain the following Items

1- Manual Swing Type Hose Reel coiled With Lay flat Fire hose of Flexible rubber which reinforced with fiber industrial and the internal diameter of the hose 1" inches and the length of 30 meters.

2- Side Valve 1" inch made of Copper which Rust-resistant material to control the process of opening and closing the water .

3- Fire Nozzle 1" inch.

Hose Reel able to withstand pressure equal to three times the maximum operating pressure of 12 bar her without exploding.

Hose Lay Flat is installed in the beginning of the water inlet fixation tightly by pressing .

The cabinet is well equipped to install at Wall mounted.

The cabinet door hinges enabling it to swing up to 180°.



Fire Hose Reel Cabinet 2.5" or 1.5"

Cabinet Dimensions

Width 800mm x Height 800mm x Depth 300mm

Cabinet manufactured from mild steel with 1.2mm thickness and painting from inside and outside with Epoxy Powder Red with minimum 70 micron to protect the cabinet from Weather factors.

Cabinet manufactured from mild steel with 1.2mm thickness and painting from inside and outside with Epoxy Powder Red with minimum 70 micron to protect the cabinet from Weather factors

Cabinet Contain the following Items:

- 1- Manual Swing Type Hose Reel coiled With Lay flat Fire hose oferd polyester and padded inside with a layer of Rubber and the internal diameter of the hose 2.5 "1.5" inches at the fullness and the length of 30 meters.
- 2- Landing fire hydrant 2.5 «inch made of Rust-resistant material and equipped with wheel to control the process of opening and closing the water and is suitable for the possibility to install at water feeding pipe of the Main fire network in all diameters.
- 3- Fire Nozzle 2.5" inch.

The cabinet is well equipped to install at Wall mounted.

The cabinet door hinges enabling it to swing up to 180° .

Double Compartment Fire Hose Reel Cabinet 2.5" or 1.5" with Fire Extinguisher

Cabinet Dimensions

Width 1050mm x Height 840mm x Depth 300mm .

Same Technical Speciation for Fire Hose Reel Cabinet 2.5" or 1.5" with addition of leaf side in order to protect the Fire Extinguisher.

Fire Hose Reel STAINLESS STEEL Cabinet 2.5" or 1.5"

Cabinet Dimensions

Width 800mm x Height 800mm x Depth 300mm

Cabinet manufactured from stainless steel with Brash Finishing to protect the cabinet from Weather factors.

Cabinet Contain the following Items

- 1- Manual Swing Type Hose Reel coiled With Lay flat Fire hose of r polyester and padded inside with a layer of Rubber and the internal diameter of the hose 2.5 "1.5" inches at the fullness and the length of 30 meters.
- 2- Landing Fire Hydrant 2.5»inch made of rust-resistant material and equipped with wheel to control the process of opening and closing the water and is suitable for the possibility to install at water feeding pipe of the Main fire network in all diameters.
- 3- Fire Nozzle 2.5" inch.

The cabinet is well equipped to install at Wall mounted.

The cabinet door hinges enabling it to swing up to 180°.



Double Compartment Fire Hose Reel Cabinet 1" / 2.5"

Cabinet Dimensions

Width 800mm x Height 1600mm x Depth 340mm

Cabinet manufactured from mild steel with 1.2mm thickness and painting from inside and outside with Epoxy Powder Red with minimum 70 micron to protect the cabinet from Weather factors.

Upper Fire Hose Reel Cabinet 1" Contain the following Items:

- 1- Manual Swing Type Hose Reel coiled With Lay flat Fire hose of Flexible rubber which reinforced with fiber industrial and the internal diameter of the hose 1" inches and the length of 30 meters.
- 2- Valve 1" inch made of Copper which Rust-resistant material to control the process of opening and closing the water
- 3- Fire Nozzle 1" inch

Lower Fire Hose Reel Cabinet 2.5" or 1.5" Contain the following Items: with Fire Extinguisher

- 1- Manual Swing Type Hose Reel coiled With Lay flat Fire hose of red polyester and padded inside with a layer of Rubber and the internal diameter of the hose 2.5 "or 1.5" inches at the fullness and the length of 30 meters.
- 2- Landing Fire Hydrant 2.5 "inch made of Rust-resistant material and equipped with wheel to control the process of opening and closing the water and is suitable for the possibility to install at water feeding pipe of the Main fire network in all diameters.
- 3- Nozzle 2.5" inch

The cabinet is well equipped to install at Wall mounted.

The cabinet contains 2 doors with hinges enabling it to swing up to 180°.

Material: Mild Steel / Stainless



FIRE EXTINGUISHER CABINET

TECHNICAL SPECIFICATION

Thickness	9.0 mm
Installation	Wall Mounted
Paint Finish	Epoxy Powder Red

CODE No.	Capacity	Size	Material
FEX169-SS-060-NA	1 pc 6.0kg Box	280mm (W) x 570mm (H) x 250mm (D)	Stainless Steel
FEX169-SS-090-NA	1 pc 9.0kg Box	280mm (W) x 690mm (H) x 250mm (D)	Stainless Steel
FEX169-MS-060-RD	1 pc 6.0kg Box	280mm (W) x 570mm (H) x 250mm (D)	Mild Steel
FEX169-MS-090-RD	1 pc 9.0kg Box	280mm (W) x 690mm (H) x 250mm (D)	Mild Steel
FEX169-MS-050-RD	1 pc 5.0kg CO2	280mm (W) x 830mm (H) x 250mm (D)	Mild Steel
FEX146-FG-060-T2	1 pc 6.0kg ABC or 2.0kg CO2	300mm (W) x 670mm (H) x 230mm (D)	Plastic
FEX146-FG-060-T3	2 pcs 6.0kg ABC or 2.0kg CO2	540mm (W) x 715mm (H) x 270mm (D)	Plastic



DIFFUSER NOZZLE (JET/SPRAY) 2.5"

Code No.	Type	Material	Finishing	Inlet size	Flow Rate @4.4 Bar	Throw Rane @4.4 Bar
WRS099-LA-STD-NA	Standard	Aluminum Alloy to BS 1490	Natural	65 mm - Male BS336 Instantaneous	500 L/Min (Jet)	26m (Jet)
WRS101-LA-STD-NA	With branch pipe				590 L/Min (Spay)	15m (Spay)



NOZZLE WITH CONTROL VALVE (JET/SPRAY) 2.5"

Code No.	Type	Material	Finishing	Inlet size	Flow Rate @4.4 Bar	Throw Rane @4.4 Bar
WRS078-LA-065-NA	Standard	Aluminum Alloy to BS 1490	Natural	65mm - Male BS336 Instantaneous	160 L/Min (Jet) 140 L/Min (Spay)	14 m (Jet) 14 m (Spay)



JET/SPRAY NOZZLE 1.5"

Code No.	Type	Material	Finishing	Inlet size	Flow Rate @4.4 Bar	Throw Rane @4.4 Bar
WRS 103-GM-038-NA	Standard	Copper Alloy to BS 1982	Natural	1.5" NST Female Thread	310 L/Min (Jet) 400 L/Min (Spay)	26m (Jet) 17m (Spay) 15m (Spay) 10m



SPRINKLER

Pendent Sprinkler	
Specification	
K Factor	5.6(80)
Nominal Thread Size	½" NPT
Temp. Rating(C°)	68°
Response Type	Standard Response
Code No.	SPR-58155-9-571-SR-YT

Upright Sprinkler	
Specification	
K Factor	5.6(80)
Nominal Thread Size	½" NPT
Temp. Rating(C°)	68°
Response Type	Standard Response
Code No.	SPR-58155-9-570-SR-YT



Fire Hose Reel

Technical Specification:

- Side plates red epoxy powder finishing.
- Automatic hose reel has integrated automatic stop valve which will open after 2 revolution of the reel .
- Threaded Inlet connection.
- Outlet connection for hose can be rotated for left and right direction .
- Waterways made from non ferrous metals which ensure corrosion free.
- Maximum working pressure 12bar, test pressure 18bar .
- Side plates available in stainless steel .

fire hose reels are tested to European Standard EN671-1



LAYFLAT FIRE HOSE SRI FIRE HOSE, TYPE 1

Technical Specification:

Lay-flat material: Internal rubber lining combined with closely woven polyester fiber.

Direct vulcanization, high adhesion between jacket and lining.

Lay flat Fire hose have internal diameter of the hose 2.5 "/ 1.5" inches at the fullness.

Standard length: 30m

Available with working pressure 16 bar / Burst pressure 48 bar without any leakage in Lay-flat material.

Available with working pressure 10 bar/ Burst pressure 30 bar without any leakage in Lay-flat material.

Available color: Red

Connection for Fire Hose is made of Aluminum Alloy material which have the ability to withstand the shocks and hard operating Manufactured to BS 6391.



SRI FIRE HOSE, TYPE 3

Technical Specification:

External and internal rubber lining, with polyester fiber reinforcement.

Resistance to oil, acids, alkaline and industrial chemicals.

Resistance to heat, cold and ozone.



TORRENT FIRE HOSE

Torrent Brand Fire Hose is light weight uncoated single jacketed lined EPDM Rubber Lining”.

FEATURES

- Synthetic Rubber Inner Lining .
- Inner Lining is Ozone Resistant Tested as per UL-19 Specifications .
- Circular Woven jacket made from special synthetic yarns for extra strength and durability.
- Flexible, light, weight and easy to maintain .
- Excellent heat resistance.
- Rot mildew proof.
- Ability to withstand high operating pressure.
- High abrasion resistance .
- Strong and durable.



TORRENT ARMOR FIRE HOSE

Torrent Armor brand fire hose is a heavy duty covered single jacketed lined fire hose completely made up of 100% synthetic yarn with high quality nitrile synthetic rubber extruded through the weave to give “Unified Construction”. It has a smooth inner surface for low frictional loss & External cover with Ribs for high abrasion resistance & ease of handling.

FEATURES

- Resistant to different types of attack: abrasion, oils, acids, chemicals, cracking, heat, adverse weather conditions, delamination, kinking, ozone etc.
- High abrasion resistance.
- Ribbed for hose protection & ease of handling.
- Minimum maintenance, Easy to clean & requires no drying after use.
- Long life, Flexible & Compact .



TECHNICAL DATA

Inner Diameter	1 1/2"		2"		2 1/2"	
	PSI	Bar	PSI	Bar	PSI	Bar
Burst Pressure	600	42	600	42	600	42
Proof Pressure	400	28	400	28	400	28
Kink Pressure	300	21	300	21	300	21
Working Pressure	255	18	255	18	255	18
Service Pressure	200	14	200	14	200	14

Fire Hydrant valve

SPECIFICATION

- Body : Copper Alloy to BS1982
- Hand wheel : Grey Cast Iron to BS EN 1561
- Inlet : Flanged or BSP screw thread
- Outlet : Female instantaneous to BS 336 and other
- Working Pressure : connection
- Body Test Pressure : 15 Bar
- Code NO : 22.5 Bar



Fire Globe valve 1.5"

SPECIFICATION

- Working Pressure : 10 Bar
- Body Test Pressure : 16 Bar
- Body : BRASS
- Outlet Adaptor : Aluminium
- Material : HRP336-BR-038-XX



2- WAY & 4- WAY BREECHING INLET

SPECIFICATION

- Body : Ductile Iron
- Inlet : BS instantaneous Male Copper Alloy to BS 1982
- Outlet : 2 Way Breaching Inlet Flanged 4" table E. BS 10
2 Way Breaching Inlet Flanged 4" table E. BS 10
- Working Pressure : 10 Bar
- Testing Pressure : 20 Bar



CODE No.	Description	Inlet Size	Outlet Size
DRS095-DI-BSPN16	2-way breaching inlet	BS 336 Male	Table E/PN 16
WRS115-DI-BSPN16	4-way breaching inlet	BS 336 Male	Table E/PN 16

FIRE DEPARTMENT CONNECTION

Material : Copper Alloy or Brass

CODE No.	MIS271-GM-100-NA
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UNDERGROUND HYDRANT BS 750

SPECIFICATION

BODY	Grey Cast Iron to BS 1561
INLET	445 mm x 280 mm Universal Flange PN16 & Table E
OUTLET	Copper Alloy to BS 1982
TEST PRESSURE	24 Bar
WORKING PRESSURE	16 Bar
COLOUR	Black or Blue
CODE NO.	HYD058-CI-080-BK



ANGLE HOSE VALVE



- Also available in Polished Brass, Polished Chrome and Rough Chrome
- Also available in NST, NPS and Groove for inlet and outlet upon request
- Certification: UL LISTED and FM APPROVED

TECHNICAL SPECIFICATION					
Code No.		Size	Material	Rated Pressure (Psi)	Colour
DRS800038--FNPTXFNPT-RB	Angle Valve	138) *2/1-mm)	Forged brass	300	Rough Brass
DRS800065--FNPTXFNPT-RB	Angle Valve	265) *2/1-mm)	Forged brass	300	Rough Brass

PRESSURE RESTRICTING VALVE



- Also available in Polished Brass, Polished Chrome and Rough Chrome
- Also available in NST, NPS and Groove for inlet and outlet upon request
- Certification: UL LISTED and FM APPROVED

TECHNICAL SPECIFICATION					
Code No.		Size	Material	Rated Pressure (Psi)	Colour
WRS800038--FNPTXFNPT-RB	Pressure Restricting Valve	138) *2/1-mm)	Forged brass	300	Rough Brass
WRS800065--FNPTXFNPT-RB	Pressure Restricting Valve	265) *2/1-mm)	Forged brass	300	Rough Brass

FIRE HYDRANT EQUIPMENT

2 WAY FIRE HYDRANT

3 WAY FIRE HYDRANT

- Body material : Cast Iron to BS 1561
- Outlet : Copper alloy BS 1982
- Test pressure : 20 bar (300 psi)
- Working pressure : 15 bar (217 psi)
- Finishing : Red

Model HYD061-CI-150-RD can be fitted with an underground 6" gate valve with spindle cap (sluice valve) and operated by using a hydrant key and bar (HYD066-CI-030-BK / HYD066-LA-030-NA).



2 WAY FIRE HYDRANT

CODE No.	Outlet	Inlet
HYD059-DI-100-RD	2 x (2.5") Male Thread NST/BSP	4" Table E BS 10 Flange
HYD060-DI-100-RD	2 x 2.5" Control Valve with Female BS Instantaneous Outlet	4" Table E BS 10 Flange



3 WAY FIRE HYDRANT

CODE No.	Outlet	Inlet
HYD061-CI-150-RD	2 x (2.5") Male Thread 1 x 4" Male Thread	6" Table E BS 10 Flange
HYD055-CI-150-RD	2 x 2.5" Control Valve with Female BS Instantaneous Outlet 1 x 4" Male Thread	6" Table E BS 10 Flange



SINGLE & DOUBLE OUTLET STANDPIPE SPECIFICATION

Standpipe Shatt	Aluminium Alloy to BS 1474
Standpipe base & Head	Aluminium Alloy to BS 1490
Material	Aluminium Alloy or Copper Alloy
Single Code No.	HYD 062-LA-065-NA
Double Code No.	HYD 064-LA-065-NA

COLLECTING BREECHING

Specification	
Material	Aluminum Alloy or copper Alloy
INLET & OUTLET	Connection to BS336
Code No.	MIS225-LA-065-NA MIS225-GM065-NA



DIVIDING BREECHING

Specification	
Material	Aluminum Alloy or copper Alloy
INLET & OUTLET	Connection to BS336
Code No.	MIS223-LA-065-NA MIS223-GM065-NA



Water Monitor & Nozzle

HANDLE OPERATED MONITOR

- Suitable for flows up to 1000GPM.
- 2-1/2" NHT male outlet.
- 360 deg. Horizontal travel.
- Vertical 135 deg (90 deg. above to 45 deg. below).
- Locking device for horizontal & vertical position.
- Stainless steel handle for control horizontal and vertical position.
- 3" stainless steel water way.
- 4" ANSI inlet flange gun metal RF.



CODE No. FOS007-SS-100-RD

PORTABLE MONITOR

- Suitable for flows up to 1000GPM.
- 2-1/2" NHT male outlet.
- Inlet: Male instantaneous or female NHT.
- Carrying handle.
- Handwheel driven for vertical movement 70 deg above.
- 360 deg horizontal movement with twist lock.
- Inlet two 2-1/2" NHT female or with BS male instantaneous.



CODE No. FOS044-GM-100-RD

MONITOR NOZZLE

- Material construction Gun Metal .
- Straight stream and fog pattern.
- Optional chrome finish.
- Foam monitor nozzle with built in foam inductor , flexible hose and pick up tuber, can be fitted to existiong pick up tube, can be fitted to existing.
- monitor and pick up tube place in a 200L foam drum for immediate AFF application.



CODE No.	Type	Setting	Flowrate GPM at 6.8 Bar (100Psi)	Effective Reach Feet at 6.8 Bar (100Psi)
FOS002-GM-350-NA	350	SS	290	140
		30 deg. fog	350	90
FOS002-GM-500-NA	500	SS	405	130
		30 deg. fog	500	50
FOS002-GM-1000-NA	1000	SS	780	260
		30 deg. fog	1000	135
FOS015-GM-500-NA	500 With Foam Inductor	SS	475	162
		30 deg. fog		80

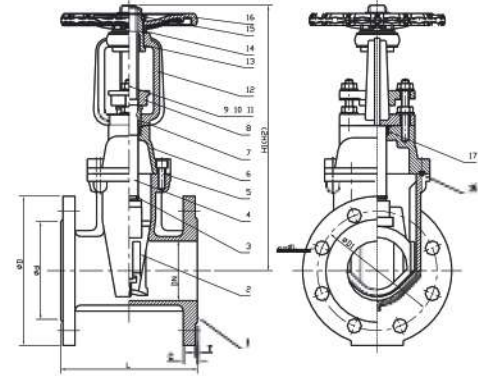
BS 5163 FLANGED RESILIENT OS & Y GATE VALVE

BS 5163 Flanged Resilient OS&Y Gate Valve , PN10/16, UL/FM Approved

- Connection ends : flange to BSEN 1092-21997
- Working Pressure : PN10/16 .
- TEMPERATURE Range :0°C- 100°C.
- Coating: fusion bonded epoxy Coating in accordance with ANSI/AWWA C550.

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve	EN-GJS-450- 10	
2	Resilient Wedge Disc	EN-GJS-450- 10 +EPDM	
3	O - Ring	NBR	EPDM
4	Stem	Stainless Steel	
5	Bolt	Carbon Steel Zinc Plated	SS304
6	Bonnet	EN-GJS-450- 10	
7	Stem Bushing	Bras Hpb59s - 1	
8	Gland	EN-GJS-450- 10	
9	Flat Washer	Carbon Steel Zinc Plated	SS304
10	Stud	Carbon Steel Zinc Plated	SS304
11	Nut	Carbon Steel Zinc Plated	SS304
12	Yoke	EN-GJS-450- 10	
13	StemNut	Brass Hpb59 -1	
14	Washer	Brass Hpb59 -1	
15	Locknut	Carbon Steel Zinc Plated (TypeA) Not available(Type B)	
16	Handwheel	EN-GJS-450- 10	Pressed Steel
17	Stem Packing	EPDM	NBR
18	Bonnet Gasket	EPDM	NBR



NSF/ANSI 61 NSF/ANSI 372

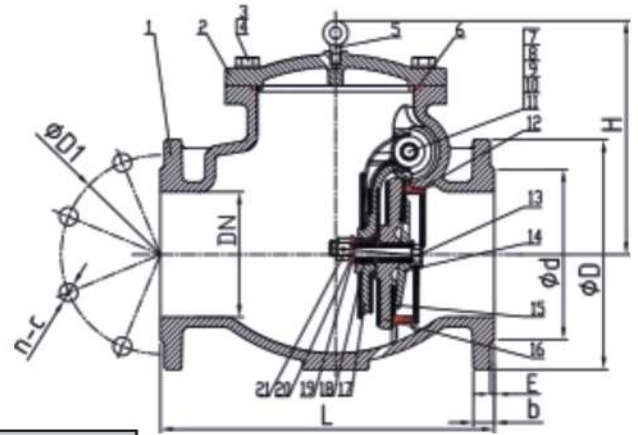
DN		PN	Dimensions(mm)								
Inch	mm		L	TypeA		D	D1	d	C	T	n- φ L
				H1 (Close)	H2 (Open)						
2"	50	10/16	178	323	373	165	125	99	19	3	4Ø19
2.5"	65	10/16	190	343	408	185	145	118	19	3	4Ø19
3"	80	10/16	203	370	450	200	160	132	19	3	8Ø19
4"	100	10/16	229	442	542	200	180	156	19	3	8Ø19
5"	125	10/16	254	541	665	250	210	184	19	3	8Ø19
6"	150	10/16	267	608	758	285	240	211	19	3	8Ø23
8"	200	10	292	720	920	340	295	266	20	3	8Ø23
		16									12Ø23
10"	250	10	330	940	1190	405	350	319	22	3	12Ø23
		16					355				12Ø28
12"	300	10	356	1065	1370	460	400	370	24.5	4	12Ø23
		16					410				12Ø28
14"	350	10	381	1403	1817	520	460	429	26.5	4	16Ø23
		16					470				16Ø28
16"	400	10	406	1403	1817	580	515	480	28	4	16Ø28
		16					525				16Ø31
18"	450	10	432	1788	2308	640	565	530	30	4	20Ø28
		16					585				548
20"	500	10	457	1809	2329	715	620	582	31.5	4	20-Ø28
		16					650				609
24"	600	10	508	2025	2649	840	725	682	36	5	20-Ø31
		16					770				720

BS EN12334 Flanged Resilient swing check valve
Flanged Resilient Swing Check Valve , PN10/16,
UL/FM Approved

- Connection Ends: Flange to BSEN 1092-1997
- Working Pressure: PN10/16
- Temperature Range: 0°C-100°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSIAWWAC550

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Bonnet	EN-GJS-450-10	
3	Flat Washer	Carbon Steel Zinc Plated	
4	Bolts	Carbon Steel Zinc Plated	
5	Eye Bolt	Carbon Steel Zinc Plated	
6	O-Ring	EPDM	NBR
7	Plug	SS304	Bronze ASTM B584
8	O-Ring	EPDM	NBR
9	Hinge Pin	SS304	
10	Washer	Brass ASTM B16 C36000/Hpb63-3	SS304
11	Hinge Bushing	Brass ASTM B16 C36000/Hpb63-3	SS304
12	Seat Ring	Bronze ASTM B62C83600/ZQSn5 -5-5 (Pressed Fit)	SS304
13	Disc Seat Bolts	SS304	
14	Retainer Washer	Bronze ASB62TM C83600/ZQSn 5-5	
15	Disc Seat Ring	EPDM	NBR
16	Disc	EN-GJS-450-10	
17	Clapper Arm	EN-GJS-450-10	
18	Disc Bushing	Brass ASTM B16 C36000/Hpb63-3	
19	O-Ring	EPDM	NBR
20	Washer	Brass ASTM B16 C36000/Hpb63-3	SS304
21	Nut	Brass ASTM B62 C83600/ZQSN5-5-5	SS304



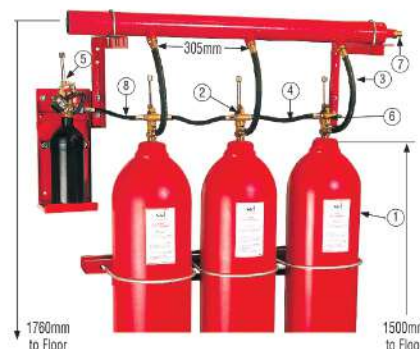
NSF/ANSI 61 NSF/ANSI 372

DN		PN	Dimensions(mm)								n-Φd
Inch	mm		L	D	D1	d	b	E	H		
2"	50	10'16	203	165	125	99	19	3	133	4-Φ19	
2.5"	65	10'16	216	185	145	118	19	3	150	4-Φ19	
3"	80	10'16	241	200	160	132	19	3	150	8-Φ19	
4"	100	10'16	292	220	180	156	19	3	218	8-Φ19	
5"	125	10'16	330	250	210	184	19	3	245	8-Φ19	
6"	150	10'16	356	285	240	211	19	3	290	8-Φ23	
8"	200	10	495	340	295	266	20	3	330	8-Φ23	
		16								12-Φ23	
10"	250	10	622	405	350	319	22	3	350	12-Φ23	
		16			355					12-Φ28	
12"	300	10	698	460	400	370	24.5	4	376	12-Φ23	
		16			410					12-Φ28	

CO2 EXTINGUISHING SYSTEM

CO2 System Setup With Solenoid Actuated Pilot Cylinder

Item	Part No.	Description
1	CO2001-CS-450-KV	45Kg CO2 cylinder
2	CO2023-BR-XXX-XX	CO2 K Valve
3	CO2005-RB-015-BK	12" x 18" Discharge hose with Check Valve
4	CO2058-RB-300-BK	Pilot loop 14/ ' x300mm
5	CO2054-CS-020-SP	Pilot cylinder with Solenoid valve 2.0kg
6	CO2014-BR-003-NA	Vent bleed valve 34/ " BSP
7	CO2069-BR-020-NA	Safety valve 34/ " BSP
8	CO2058-RB-457-BK	Pilot loop 14/ " x 457 mm



CO2 CYLINDER 68L

- Test Pressure : 250 Bar
- Empty Weight : 75 Kg
- Finishing : Red
- CO2 Capacity : 45 Kg
- Manufacture to : BS5045Part1
- Material : Mn Steel, Thread : 28.8 x 14" TPI
- Filling Ratio : 0.667
- Develop Pressure : 70Bar (1015Psi) @20° C

CODE No.	CO2001-CS-450-KV
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CO2 K VALVE

- Material : Brass CZ122
- Test Pressure : 250 Bar
- Burst Disc pressure : 200-250 Bar
- Pneumatic actuation pressure : 1.5 Bar

CODE No.	Description
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CO2023-BR-XXX-XX	CO2K-Valve
CO2022-MS-005-ZP	Manual Lever

PILOT CYLINDER SOLENOID ACTUATED

Size	Code No.
1.25Kg CO2	CO2054-CS-001-SP
2Kg CO2	CO2054-CS-020-SP



SRI FIRE TEC

Is compact, yet very flexible, automatic and autonomous fire detection and extinguishing systems.

The system works by automatically detecting and suppressing fire at its infant stage to safeguard the assets.

The effectiveness of SRI fire Tec System comes from the revolutionary polymer tubing that will rupture when exposed to flame.

This specialized SRI fire Tec detection tube of excellent vibration resistance, flexibility, durability and precise temperature sensitivity which allow it to rapidly react when the heat from fire is present.

SRI FIRE TEC

Detection tube is routed throughout the protected area and it acts as multi sensor and multi extinguishing jet triggering the nozzle where the heat is detected. when fire starts, the SRI fire Tec detection tube will burst at its hottest spot (100 °C) as a matter of fact the suppression agent is discharged through the nozzle like opening, suppressing fire in second before any futher damages is being done.

SRI FIRE TEC

System does not require any electricity or external power supply. It continues to provide the vital protection even in the event of power failure.

CYLINDER CONTAINING CARBON DIOXIDE :

- CO2 Gas

INDIRECT HIGH PRESSURE (IHP) VALVES

Extinguishing Agent	CO2
Working Pressure	60 bar at 20° C
Pressure Reducing Valve	$P_N = 0.022.P_B + 14\text{bar}$ $P_N = \text{Secondary Pressure}$ $P_B = \text{Container Pressure}$
Rupture Disk Safety	250bar
Safety Valve	35bar ± 5bar
Operating Temperature Range	-20° C to 60° C
Approval	CE0029



IHP Valve - B0702

CO2 FIRE EXTINGUISHER

Body	FEX139-CS050-RD
Material	Carbon Steel
Capacity, kg	5.0
Working pressure, Bar	70Bar at 27 C
Overall height, mm	770
Overall diameter, mm	140
Cylinder test pressure, Bar	250
Discharge time, sec	9-12
Standard	60 bar at 20 C
Full weight, Kg	17.5
Paint finish	Red
Fire Rating	66B
Temperature range	-20C to 60 C
Discharge range	3 meter
Carton size	230x230x715
Operating head Brass	Brass
Type of extinguishant	Carbon Dioxide
Class of Fire	B.E

- EN3 approved.
- Suitable for Class B & Electrical Hazards
- High quality and good value
- Colour coded for instant recognition.
- Available in aluminium and light weight steel.
- Easy to use and leave no messy residue.
- Cylinder Test Pressure: 250 Bar

POWDER FILLING MACHINE

CODE No.	FEXPRF-SRIPRF
Weight	: 47kg
Dimension	: 700 x 460 x 1600 (H) mm
Power Requirement	: 230V, 50Hz, 0.8kW single phase

- Emptying and filling continuously
- Window at powder inlet for control of filling
- Adjustable height for 1kg to 12kg powder cylinder size
- Hopper material : Stainless steel
- Filter and hopper can be clean automatically
- Rubber wheel and Transportation handles
- Filling speed (approximately): 9kg - 90secs, 6kg - 65secs
- Suction speed: 18kg/min
- Optional filling head for mobile fire extinguisher 25kg, 50kg & 70kg
- Powder suction hose Ø 32 1.5m
- Suction pipe Ø20 800mm

Extinguisher Type	2Kg
Material	Steel
Model No.	FEX182
Fire Rating	34B
Operating Temperature	-20 C to 60 C
Operating Pressure	70 bar at 20° C
Cylinder specification	199723//EC
Height	625 mm
Full weight	8.4Kg
Empty weight	6.4Kg
Discharge time	14secs
Range of throw (approx)	4 - 5 M
Carton size mm	220 x 180 x 650



MOBILE FOAM FIRE EXTINGUISHER ON TROLLEY

The foam liquid extinguisher on trolley is highly manoeuvrable and it is suitable for outbreaks of fire that cannot be dealt with by using portable extinguishers. It is only requires connection to suitable water supply (minimum water supply required is 180LPM at 5 bar).

Code No.: FEX 161- FG-120-YW



STANDARD FEATURES

- 2 X 15 m (45mm) fire hose with Aluminium BS Coupling .
- 225 LPM Foam Inductor with pickup tube .
- 225 LPM Low Expansion branchpipe.
- Control valve (2" ball valve).
- Adjustable foam concentrate 3% to 6% on trolley .

FOAM INDUCTOR

- Foam concentrate is drawn through a pick up tube at a preset foam concentrate amount and is added into the water stream .
- Available with two flowrates.
- Body material : Aluminium Alloy and Gun Metal.
- Filters : Stainless Steel.
- Foam concentrate rate adjustable foam 1% to 6 %/ Flexible foam concentrate suction hose.
- Code No.: FOS004 -LA-225-YW.



LOW EXPANSION FOAM BRANCHPIPE

- Material: Aluminium Alloy.
- Suitable for AFFF, protein and AR foam.
- Available with two flowrates.
- Expansion ratio: 7-8.
- Inlet: BS 336 Instantaneous male.
- Foam branchpipe is available with integral foam inductor and pick up tube.
- Code No.: FOS003 -LA-225-YW.



FOAM LINE PROPORTIONER

CODE No.	Flowrate @ 101 Psi (7 Bar)
FOS040-GM-1893-RD	1893 LPM



KITCHEN FIRE DETECTION AND SUPPRESSION SYSTEM

Cylinder

Part Number	Cylinder Size [L]	Agent Volume [L]	Diameter [mm]	Height [mm]	Material
FEC-004MS12-LT-KS	12	8	180	545	Mild Steel
FEC-004SS12-LT-KS	12	8	180	545	Stainless Steel
FEC-004MS15-LT-KS	15	10	180	650	Mild Steel
FEC-004SS15-LT-KS	15	10	180	650	Stainless Steel
FEC-004MS20-LT-KS	20	12/15	255	572	Mild Steel
FEC-004SS20-LT-KS	20	12/15	255	572	Stainless Steel
FEC-004MS30-LT-KS	30	17/19/22	255	724	Mild Steel
FEC-004SS30-LT-KS	30	17/19/22	255	724	Stainless Steel
FEC-004MS35-LT-KS	35	24/26	255	800	Mild Steel
FEC-004SS35-LT-KS	35	24/26	255	800	Stainless Steel

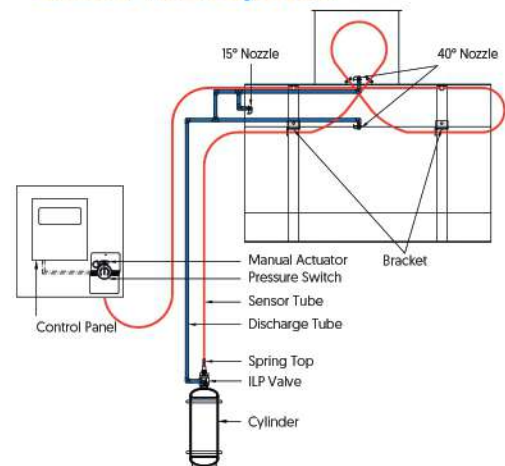


ILP Valve

Part Number	SPS-KS23-402-002
Material	Brass nickel-plated
Pressure Gauge Connection	M10X1
Sensor Tube Connection	Sensor Tube OD 6mm
Dip Tube Thread	M16 x 1.5mm
Valve Outlet	G4/1"



Sensor Tube System



Manual Actuator

Part Number	SPS-KS-110-003MA
Material	Brass nickel-plated
Pressure Gauge Connection	M10X1
Sensor Tube Connection	Sensor Tube OD 6mm



* For Sensor Tube System Only

Pressure Gauge with Switch

Part Number	SPS-KS-051-005NC
Range	0 to 40bar
Connection	M10X1
Leakage Monitoring	17bar
Activation Monitoring	5bar



* For Sensor Tube System Only

SR-200 Fire Suppression System Cylinders



SR-200 Cylinder Specification

Materials	Chromium Molybdenum Steel
Filling	0.5kg/L up to maximum of 1kg/L
Filling Pressure	25 Bar @ 21°C
Test Pressure	50 Bar
Standard of Compliance	TPED 1999/36/EC or acc. to International Standards
Colour	Red

Remarks: Each cylinder is fitted with a valve outlet cap.



WARNING:

The valve outlet cap must always be fitted onto the cylinder, irrespective of whether the cylinder is full or empty, when it is not connected to the pipe network or manifold.



No.	Part No.	Capacity (l)	Valve Outlet Size	Cylinder Height A (mm) ±5	Cylinder Diameter (O/D) B (mm)
1	32L SPS 227-CS-032-33	32	DN33	522.4	324
2	52L SPS 227-CS-052-33	52	DN33	782.4	324
3	100L SPS 227-CS-100-33	100	DN33	963	406
4	120L SPS 227-CS-120-49	120	DN49	1126	406
5	150L SPS 227-CS-150-49	150	DN49	1372	406
6	180L SPS 227-CS-180-49	180	DN49	1268	462
7	200L SPS 227-CS-200-49	200	DN49	1398	462

PRODUCT DESCRIPTION

FireChem AFFF is superior quality aqueous film-forming which can be used at the specified concentration to of proportioning and discharge equipment.

FireChem AFFF foam concentrates are designed for rapid fire knockdown by producing a thin aqueous film which helps to prevent the release of fuel vapours. The foam blanket from which the film forming liquid drains separates oxygen from the fuel surface, extinguishes the fire and prevents re-ignition.

FireChem AFFF provides excellent penetrating and wetting qualities when used on Class A fires also. The water content of the foam provides a cooling effect. The aqueous film is produced by the fluorocarbon surfactant the surface tension of the foam solution to a point where the solution can be supported by the surface tension of the fuel. This is important when extinguishing deep-seated fire in wood, paper, rubber and other ordinary combustibles.

FEATURES

- Formulated for use with wide range of discharge devices and proportioning system.
- Suitable for use with both aspirating foam and standard water fog nozzles.
- If inadvertently frozen, thawing will render product completely serviceable again.
- Suitable for use with fiber glass, polyethylene or stainless steel.
- Suitable for use with either fresh or salt water.

Suitable for use with deluge or closed head foam water sprinkler



TECHNICAL DATA

PRODUCT	AFFF 1%	AFFF 3%	AFFF 6%
USE CONCENTRATION	1%	3%	6%
SPECIFIC GRAVITY	1.03±0.02	1.03±0.02	1.03±0.02
PH	7.5±.5	7.5±.5	7.5±.5
VISCOSITY @ 20°C	<10CST	<10CST	<10CST
SUSPENDED SEDIMENT (V/V)	<0.1%	<0.1%	<0.1%
FREEZING POINT	-2°C	-2°C	-2°C
POUR POINT	-1°C	-1°C	-1°C
STORAGE TEMPERATURE	+1.7°C MINIMUM -50°C MAXIMUM	+1.7°C MINIMUM -50°C MAXIMUM	+1.7°C MINIMUM -50°C MAXIMUM
FOAM EXPANSION	LOW >7	LOW >7	LOW >7
25% DRAINAGE TIME	3 MINUTES	3 MINUTES	3 MINUTES

STORAGE AND HANDLING

FireChem AFFF may be stored in its shipping container without change in its original physical or chemical characteristics. Shelf life is expected to be 20 years or more when stored at recommended temperatures and in original containers. It does not show significant sedimentation or precipitation in storage or after temperature cycling. Freezing and thawing have no effect on performance and the concentrate proportions satisfactorily in ordinary equipment at temperatures above 1.7°C. Synthetic foam concentrates should only be stored in stainless steel (Type 304L or 316), reinforced fiberglass polyester with a vinyl ester resin internal coating or plastic containers.

AREAS OF APPLICATION

FireChem AFFF will provide quality protection for a wide range of hazardous areas such as:

- Refinery
- Hydrocarbon storage tanks
- Airports
- Ports
- Process area
- Solvent extraction
- Polymer manufacturing
- Domestic fire
- Industrial fire
- Mobile equipment

PACKAGING





About Fire Pump Manufacturer

EBITT operates as a specialized organization with knowledge and experience in the field of pump and fluid technologies that will correctly interpret the demands of the global market and develop right solutions by analyzing the differences in requirements well.

Ebitt was founded with the aim of being the ideal intersection point of supply and demand in the field of fluid technologies, not just being an organization that develops and markets products and technologies, but an all-around business model that can meet expectations at the highest level.

Ebitt is a perspective on the business world, a business model and a spirit.. In other words, Ebitt was founded on the basis of human resources capital, which aims at producing sustainability, permanence, expertise in business life and transferring this expertise like a relay race, rather than a classical capital basis.



Fire Cabinet ICT "local industry"

Local manufacture of the highest quality according to European DIN and Egyptian ES specifications of various sizes , empty or with contents

Fire Cabinet Specifications.

- Zinc and iron phosphating treatment before painting .
- Red Iron Phosphate Electrostatic Polyester Paint Galvanized steel sheets according to European.
- Standard Internal hinges are nickel chrome for a longer life and better shape to maintain the integrity of the sash.
- The possibility of designing the box Surface Mounted or Recessed Mounted according to the customer's request .
- The possibility of making the hinges right or left according to the customer's request .
- Laser printing on a reflective background Handle and round dial in nickel chrome.
- Glass lens with emergency spare key.





OUR PARTNERS





FIRE
HOSE
REEL

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- 📍 12 Nagib El-Rehany St, From El-Gomhoria St, Downtown.
- 📍 21 El-Mansoury St, El-Sabtia, Downtown.
- 📍 44 El-Atarin Mosque St, Alexandria.
- 📍 Borg El-Arab City, 18 El-Safa Market, Borg El-Arab industrial Zone.
- 📍 50 El-Geish St, Asiuot.
- 📍 Plot 53 - Area 2 - Dishictl, Badr City.
- 📍 Al-Nasr Street, next to the Hyundai Agency, Police Buildings, Hurghada



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