



BRITISH STANDARDS INSTITUTION  
APPROVAL FIRE HOSE REELS



CERTIFIED TO BS EN 671  
LICENCE NO. KM 51857



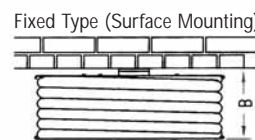
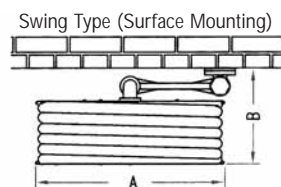
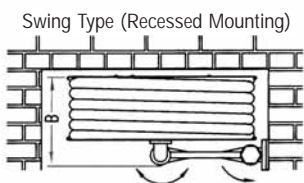
SFS fire hose reels are tested and approved to European Standard EN671 by British Standards Institution and to Australian Standards AS1221 by QAS Australia. These approvals require the certification authority to carry out regular inspection of our hose reels manufacturing facility, testing of hose reels and auditing of quality system. With rigorous inspection and testing of our fire hose reels during production the performance and reliability is at the highest standard.

SFS manufactures a wide selection of fire hose reel, 3/4" and 1", swing and fixed type, manual and automatic. Swing type hose reel has double 180° rotating hinge, which allows hose reel to be mounted in a recessed wall and fixed type hose reel is complete with hose guide which allows the hose withdrawal in all directions.

Code No.	A	Hose Diameter x Length	B	Type
HRS061-MS-722-RD	22"(559mm)	25mm x 30m	290mm	Swing Automatic
HRS056-MS-722-RD	22"(559mm)	25mm x 30m	240mm	Fixed Automatic
HRS029-SS-022-RD	22"(559mm)	25mm x 30m	290mm	Swing Automatic
HRS027-SS-022-RD	22"(559mm)	25mm x 30m	240mm	Fixed Automatic

### Features

- Side Plate powder painted finish red
- 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 15Bar, test pressure 20bar
- Side plate available in stainless steel



## HOSE REEL ACCESSORIES



### PRESSURE REDUCING VALVE

Pressure reducing valve is required for the hose reel system to reduce the pressure at the inlet of the hose reel to the nominal working pressure.



### STOP VALVE WITH NOZZLE LOCKING DEVICE

As required by British Standard, stop valves should be installed at the inlet of all hose reels and it should have a feature to ensure that the nozzle can only be released after opening the valve. Tyco has provided an ingenious solution with a quick opening ball valve and nozzle locking device.

Code No.	Size	Working Pressure	Material
HRS063-GM-025-RD	25mm (1")	Max. inlet pressure up to 20 bar Outlet pressure between 1 to 4 bar	Bronze

Code No.	Description	Working Pressure	Material
HRS108-GM-025-NA	25mm (1") ball valve with nozzle locking device	250 psi	Brass

## NOZZLE

SFS hose reel nozzles are designed, tested and approved to meet European Standard EN671-1 and Australian Standard AS 1221.

Nylon and ABS material complies to ageing test in accordance to ISO4892-2.2.

Throw range position at 0.6M 30± inclination, in accordance to EN671-1 Clause 10.4

Flowrate meets the equivalent nozzle diameter of 6mm in accordance to EN671-1.

Code No.	Setting	Material	Finishing	Inlet Size	Flowrate @ 30Psi (28 Bar)	Throwrange @ 30Psi
HRS065-GM-025-RD	Jet / Spray	Nylon/Brass	Red	1" (25 mm)	35L/MIN (JET)	11.5M
HRS057-PS-025-RD	Jet / Spray	Nylon	Red	1" (25 mm)	35L/MIN (JET)	11.0M
HRS032-PS-025-RD	Jet / Spray	ABS/Brass	Red	1" (25 mm)	35L/MIN (JET)	11.0M
HRS032-PS-025-CH	Jet / Spray	ABS/Brass	Chrome	1" (25 mm)	35L/MIN (JET)	11.0M
HRS039-GM-025-NA	Jet / Spray	Brass	Natural	1" (25 mm)	35L/MIN (JET)	11.0M
HRS039-GM-025-CH	Jet / Spray	Brass	Chrome	1" (25 mm)	32L/MIN (JET)	11.0M





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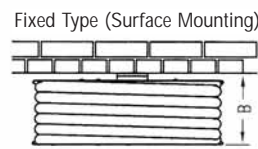
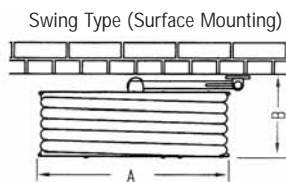
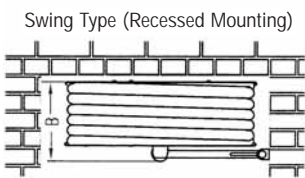
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LICENCE NO. KM 51857



## European fire hose reel

The SFS Euro fire hose reels has been tested and approved to EN671 by British Standards Institution. This range for fire hose reel has a slimmer design which can fit into smaller depth. For swing hose reel the inlet of the hose reel is fitted with a flexible hose and coupling for connection to the control valve for water supply.

Code No.	A	Hose Diameter x Length	B	Type
HRS078	559mm	25mm x 30m	230mm	Swing Automatic
HRS077	660mm	25mm x 30m	190mm	Swing Automatic



## Features

- Side Plate powder painted finish red
- Outlet connection for hose can be rotated for left and right
- Connection to water supply with a flexible hose and coupling
- Waterways made from brass and nylon which ensure corrosion resistance
- Maximum working pressure 15bar, test pressure 20bar
- Outlet connection for hose can be rotated for left and right
- Side plate and swing arm available in stainless steel
- Available with high flow rate model, 10mm equivalent diameter, 102LPM @ 6bar inlet.
- 25mm x 30m Swing Hose reel can fit into cabinet of 220mm depth

## HOSE (HOSE REEL)



SFS manufactures fire hose reel hose which has been tested by European, Australian and Malaysian laboratories to European Standard EN 694 and Australian Standard AS 1221.

Available in 3/4" and 1".

Standard coil length 30m, 36m or 100m.

### Specification:

Working Pressure: 220Psi (15 Bar)

Minimum Burst Pressure: 696Psi (48 Bar)

Test Pressure: 250Psi

Code No.	Size	Colour
HRS041-30-25-BK	1" (25mm) x 30m	Black
HRS041-30-25-RD	1" (25mm) x 30m	Red





## Specification

Body : Copper Alloy to BS 1400  
 Handwheel : Grey Cast Iron to BS 1452  
 Inlet : Flanged or BSP screw thread  
 Outlet : Female instantaneous to BS 336  
 Pressure Test : 22.5 bar  
 Manufacture and certified to BS 5041 Part 1  
 Nominal size : 65mm, 2-1/2"

## Features

- Suitable for inlet pressure up to 20bar
- Reduced outlet static pressure can be set from 5 to 8bar
- Outlet pressure remain constant with inlet pressure range from 7bar to 20bar
- Pressure test to 30bar
- Flowrate up to 900L/M

### OBLIQUE VALVE

Code No.	Inlet Size
DRS097-GM-65BSP	Male BSP Thread 65mm
DRS098-GM-65PN16	BS 4504 PN16 Flange 65mm

### PRESSURE REGULATING VALVE 'E' TYPE

Code No.	Inlet Size
WRS121-GM-65BSP	Male BSP Thread 65mm
WRS120-GM-65TE	BS 10 Table E Flange 65mm
WRS120-GM-65ANSI	ANSI 150 Flange 65mm
WRS120-GM-PN16	BS 4504 PN16 65mm

# DELIVERY HOSE COUPLING



## Specification

- I. Aluminium Alloy to BS 1490 LM 25
  - II. Copper Alloy to BS 1400 LG 2
- Finishing : Natural  
 Coupling Tail : Ribbed Tail

### BS336 COUPLING

Code No.	Nominal Size	Material
WRS079-LA-065-NA	2-1/2" (65)	Aluminium Alloy
WRS079-GM-065-NA	2-1/2" (65)	Copper Alloy



Installation & commissioning to BS 5306 part 1

### Specification

Body : Spheroidal Graphite Iron to BS 2789 or Cast Iron BS 1452  
 Inlet : BS Instantaneous Male Copper Alloy to BS 1400  
 Outlet : 2 Way Breeching Inlet Flanged 4" table E. BS 10.  
 : 4 Way Breeching Inlet Flanged 6" table E. BS 10.  
 Working pressure : 15 Bar  
 Testing Pressure : 20 Bar

Code No.	Description
DRS095-CI-002-RD	2-way breeching inlet
WRS115-CI-004-RD	4-way breeching inlet

## HOSE CRADLE

SFS hose cradle is the free swing type with 180° movement suitable for holding one length of 2-1/2" x 30M layflat fire hose. It is installed next to the wet or dry riser outlet.

### Specification

Body : Mild Steel  
 Code No : WRS081-MS-065-RD



## HOSE RACK ASSEMBLY

SFS's hose rack assembly is located inside buildings at the wet or dry riser outlet. It features a rack in which hangs the layflat fire hose (30m). An automatic release mechanism allows water to flow through the hose after removal of the hose and nozzle. The rack is available in sizes of 1-1/2" and 2-1/2". There are two methods of mounting the hose rack. One is by using a wall bracket and the other is by fixing on to a right angle valve.

### Standard Features

Hose rack, layflat fire hose, nozzle, hose rack right angle valve, hose rack nipple.



Code No.	Description
WRS082-MS-038-RD	1-1/2" Hose rack
WRS084-GM-038-NA	1-1/2" Hose rack right angle valve
WRS086-GM-038-NA	1-1/2" Hose rack nipple
WRS085-MS-038-RD	1-1/2" Hose rack wall mounting bracket
WRS083-GM-038-NA	1-1/2" NHT ribbed tail coupling
HYD075-16-038-NA	1-1/2" Lay flat hose 16 bar
WRS103-LA-038-NA	1-1/2" Jet & spray nozzle
WRS082-MS-065-RD	2-1/2" Hose rack
WRS084-GM-065-NA	2-1/2" Hose rack right angle valve
WRS086-GM-065-NA	2-1/2" Hose rack nipple
WRS085-MS-065-RD	2-1/2" Hose rack wall mounting bracket
WRS079-LA-065-NA	2-1/2" Instantaneous ribbed tail coupling
HYD075-16-065-NA	2-1/2" Lay flat hose 16 bar
WRS099-LA-065-NA	2-1/2" Jet & spray nozzle

Refer to nozzle page for selection of nozzles

Refer to layflat fire hose for selection of hoses



HYD059-CI-100-YW



HYD060-CI-100-YW

### 3 WAY FIRE HYDRANT

Code No.	Outlet	Inlet
HYD060-CI-100-YW	2 x 2-1/2" Control Valve with Female BS Instantaneous Outlet	4" Table E BS 10 Flange

Body material : Cast Iron to BS 1452  
 Outlet : Copper alloy BS 1400  
 Test pressure : 300 psi  
 Working pressure : 150 psi  
 Finishing : Red & Yellow

Model HYD059-CI-100-YW can be fitted with an underground 4" gate valve with spindle cap (sluice valve) and operated by using a hydrant key and bar (HYD066-CI-030-BK / HYD066-LA-030-NA)



HYD061-CI-150-RD



HYD055-CS-150-RD

### 3 WAY FIRE HYDRANT

Code No.	Outlet	Inlet
HYD055-CS-150-RD	2 x 2-1/2" Control Valve with Female BS Instantaneous Outlet 1 x 4" Male Thread	6" Table E BS 10 Flange

Body material : Cast Iron to BS 1452  
 Outlet : Copper alloy BS 1400  
 Test pressure : 300 psi  
 Working pressure : 150 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)



## UNDERGROUND HYDRANT BS 750

**Specification**  
 Body : Grey Cast Iron to BS 1452 or (SG) BS 2789  
 Outlet : Copper Alloy to BS 1400 Round thread or V thread  
 Inlet : Universal Flange PN16 & Table E  
 Test pressure : 300 psi (20 Bar)  
 Code No : HYD058-CI-080-BK



## DUCK FOOT BEND

**Specification**  
 Body : Grey Cast Iron to BS 1452  
 Flanged Inlet & Outlet : 4" BS 10 Table E Flange  
 Code No : HYD070-CI-100-BK



## CONCRETE HYDRANT CHAMBER

**Specification**  
 Body : Concrete  
 Cover : Mild Steel  
 Opening dimension : 445mm x 280mm  
 Bedding dimension : 580mm x 415mm  
 Code No : HYD072-MS-STD-NA



## CAST IRON HYDRANT CHAMBER

**Specification**  
 Material : Spheroidal Graphite Cast Iron (SG) BS 2789  
 Loading Capacity : 5 tonnes  
 Opening dimension : 410mm x 330mm  
 Bedding dimension : 560mm x 495mm  
 Code No : HYD072-CI-STD-NA



## LAYFLAT FIRE HOSE

### SFS FIRE HOSE, TYPE 1

- Internal rubber lining combined with closely woven polyester fibre.
- Direct vulcanisation, high adhesion between jacket and lining.
- Standard length: 30m
- Available colour: Red or White
- Manufactured to BS 6391 Type 1

### TYCO FIRE HOSE, TYPE 3

- External and internal rubber lining, with polyester fibre reinforcement.
- Resistance to oil, acids, alkalis and industrial chemicals.
- Resistance to heat, cold and ozone.
- Standard length: 30m
- Available colour: Red
- Manufactured to BS 6391 Type 3

Working pressure 10 Bar / Burst pressure 30 Bar		
Code No.	Size	Colour
HYD075-10-065-RD	2 - 1/2"	Red
HYD075-10-038-RD	1 - 1/2"	Red

Working pressure 16 Bar / Burst pressure 48 Bar		
Code No.	Size	Colour
HYD075-16-065-RD	2 - 1/2"	Red
HYD075-16-038-RD	1 - 1/2"	Red

Working pressure 16 Bar / Burst pressure 50 Bar		
Code No.	Size	Colour
HYD091-16-065-RD	2 - 1/2"	Red
HYD091-16-038-RD	1 - 1/2"	Red

SFS manufactures a wide range of nozzles for various applications such as hydrants system, hose reel systems, foam systems and monitor situations. These nozzles are suitable for installation in complexes, office buildings, chemical plants and manufacturing plants. The selection of nozzles provide a range of flowrate, throwrange, material and finishing.

## JET NOZZLE COMPLETE WITH BRANCHPIPE

Code No.	Material	Finishing	Inlet Size	Flowrate @ 65Psi	Throwrange @ 65Psi
WRS077-LA-STD-NA	Aluminium Alloy to BS 1490	Natural	Male Instantaneous BS 336	210L/min (12mm dia.)	16m (12mm dia.)
WRS077-GM-STD-NA	Copper Alloy to BS 1400			510L/min (19mm dia.)	22m (19mm dia.)

This nozzle is available with two orifice sizes, 12mm and 19mm.  
Application: Hydrant system, wet or dry riser system



## DIFFUSER NOZZLE 500 (JET/SPRAY)

Code No.	Type	Material	Finishing	Inlet Size	Flowrate @ 65Psi	Throwrange @ 65Psi
WRS099-LA-STD-NA	Standard	Aluminium Alloy to BS 1490	Natural	Male Instantaneous BS 336	500L/min (JET) 590L/min (SPRAY)	26m (JET) 15m (SPRAY)
WRS101-LA-STD-NA	With branchpipe					
WRS099-GM-STD-NA	Standard					
WRS101-GM-STD-NA	With branchpipe					
WRS106-GM-52C-NA	Storz inlet	Copper Alloy to BS 1400		Storz DIN 52C		



## JET/SPRAY NOZZLE WITH CONTROL VALVE

Code No.	Material	Finishing	Inlet Size	Flowrate @ 65Psi	Throwrange @ 65Psi
WRS078-LA-065-NA	Aluminium Alloy to BS 1490	Natural	Male BS Instantaneous	160L/min (JET) 140L/min (SPRAY)	14m (JET & SPRAY)
WRS078-LA-52C-NA			Storz DIN 52C		



## 1-1/2" JET/SPRAY NOZZLE

Code No.	Type	Material	Finishing	Inlet Size	Flowrate @ 65Psi	Throwrange @ 65Psi
WRS103-LA-038-NA	Standard	Aluminium Alloy to BS 1490	Natural	1-1/2" NST Female thread	200L/min (JET)	14m (JET)
WRS105-LA-038-NA	With pistol grip				280L/min (SPRAY)	8m (SPRAY)
WRS103-GM-038-NA	Standard	Copper Alloy to BS 1400	Natural	1-1/2" NST Female thread	310L/min (JET) 400L/min (SPRAY)	17m (JET) 10m (SPRAY)

### Note for all nozzles:

Flowrate at different inlet pressure can be obtained by:  
Flowrate Q at pressure P is related by the equation  $Q=K\sqrt{P}$ ,  
where Q is in L/MIN, P is in bar and K is constant.

1.0 Imp Gallons = 1.2 US Gallons = 4.44 LMP    1 Bar = 14.5 Psi = 0.1 MPa



WRS105-LA-038-NA WRS103-LA-038-NA WRS103-GM-038-NA



BS female instantaneous x female screw thread adaptor

Code No.	Nominal Size	Material
HYD068-LA-50BSPT	2" BSPT	Aluminium Alloy
HYD068-GM-50BSPT		Copper Alloy
HYD068-LA-65BSPT	2-1/2" BSPT	Aluminium Alloy
HYD068-GM-65BSPT		Copper Alloy
HYD068-LA-65NPT	2-1/2" NPT	Aluminium Alloy
HYD068-GM-65NPT		Copper Alloy
HYD068-LA-5TPI75	75mm x 5TPI	Aluminium Alloy
HYD068-GM-5TPI75		Copper Alloy



BS female instantaneous x male screw thread adaptor

Code No.	Nominal Size	Material
MIS010-LA-50BSPT	2" BSPT	Aluminium Alloy
MIS010-GM-50BSPT		Copper Alloy
MIS010-LA-65BSPT	2-1/2" BSPT	Aluminium Alloy
MIS010-GM-65BSPT		Copper Alloy
MIS010-LA-65NPT	2-1/2" NPT	Aluminium Alloy
MIS010-GM-65NPT		Copper Alloy
MIS010-LA-5TPI75	75mm x 5TPI	Aluminium Alloy
MIS010-GM-5TPI75		Copper Alloy



BS male instantaneous x female screw thread adaptor

Code No.	Nominal Size	Material
MIS017-LA-5TPI75	Male BS 336 x	Aluminium Alloy
MIS017-GM-5TPI75	female 75mm x 5TPI	Copper Alloy
MIS017-LA-65NPT	Male BS 336 x	Aluminium Alloy
MIS017-GM-65NPT	female 2-1/2" NPT	Copper Alloy
MIS017-LA-65BSP	Male BS 336 x	Aluminium Alloy
MIS017-GM-65BSP	female 2-1/2" BSPT	Copper Alloy



BS male instantaneous x male screw thread adaptor

Code No.	Nominal Size	Material
MIS116-LA-5TPI75	Male BS 336 x	Aluminium Alloy
MIS116-GM-5TPI75	Male 75mm x 5TPI	Copper Alloy
MIS116-LA-65NHT	Male BS 336 x	Aluminium Alloy
MIS116-GM-65NHT	Male 2-1/2" NHT	Copper Alloy
MIS116-LA-65BSP	Male BS 336 x	Aluminium Alloy
MIS116-GM-65BSP	Male 2-1/2" BSPT	Copper Alloy
MIS116-LA-50BSP	Male BS 336 x	Aluminium Alloy
MIS116-GM-50BSP	Male 2" BSPT	Copper Alloy



Double BS female instantaneous adaptor

Code No.	Material
HYD083-LA-065-NA	Aluminium Alloy
HYD083-GM-065-NA	Copper Alloy



Double BS male instantaneous adaptor

Code No.	Material
MIS008-LA-065-NA	Aluminium Alloy
MIS008-GM-065-NA	Copper Alloy



100mm Ø male screw thread x BS female instantaneous adaptor

Code No.	Material
MIS221-LA-100-NA	Aluminium Alloy
MIS221-GM-100-NA	Copper Alloy



100mm Ø female screw thread x BS male instantaneous

Code No.	Material
MIS222-LA-100-NA	Aluminium Alloy
MIS222-GM-100-NA	Copper Alloy

Note: When ordering adaptor, type of thread (NPT, NST or BSP) and diameter (1-1/2", 2", 2-1/2") must be specified.



BS instantaneous male blank cap

Code No.	Material
MIS001-LA-065-NA	Aluminium Alloy
MIS001-GM-065-NA	Copper Alloy
HYC087-PS-BK	Plastic



BS instantaneous female blank cap

Code No.	Material
MIS002-LA-065-NA	Aluminium Alloy
MIS002-GM-065-NA	Copper Alloy



100mm Ø female screw thread blank cap

Code No.	Material
MIS003-LA-100-NA	Aluminium Alloy
MIS003-GM-100-NA	Copper Alloy



65mm Ø instantaneous male Pressure test Cap c/w gauge

Code No.	Material
MIS013-LA-065-NA	Aluminium Alloy
MIS013-GM-065-NA	Copper Alloy





## 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
- Filters: Stainless Steel
- Foam concentrate rate adjustable foam 1% to 6%. Flexible foam concentrate suction hose.
- Inlet and outlet connection BS 336 Instantaneous

Code No.	Flowrate @ 7 Bar
FOS004-LA-225-YW	225 LPM
FOS004-LA-450-YW	450 LPM



## MEDIUM EXPANSION FOAM BRANCHPIPE

- Material: Stainless Steel
- Suitable for AFFF, protein and EP foam
- Available with two flowrates
- Expansion ratio: 50
- Inlet: BS 336 Instantaneous male

Code No.	Flowrate @ 7 Bar	Throw Range
FOSO10-SS-225-YW	225 LPM @ 7 Bar	3 to 8m
FOSO10-SS-450-YW	450 LPM @ 7 Bar	4 to 11m



## 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.	Flowrate @ 7 Bar	Throw Range
FOS003-LA-225-YW	225 LPM	18 to 22m
FOS003-LA-450-YW	450 LPM	20 to 25m
With integral foam inductor		
FOS008-LA-225-YW	225 LPM	18 to 22m
FOS008-LA-450-YW	450 LPM	20 to 25m

# FOAM LINE PROPORTIONER



- Water flowing through foam line proportioner creates a vacuum which draw foam concentrate into the unit to mix with the flowing water.
- Suitable for fixed foam system
- Low cost foam proportioning system
- Connect foam suction inlet to foam storage tank
- Material: Gun Metal
- Inlet 2-1/2" BSP, Outlet 2-1/2" BSP
- Suitable for foam spray system and foam hydrant station
- Available with 3% or 6% foam concentration proportioning

Code No.	Flowrate @ 7 Bar
FOS040-GM-380-RD	380 LPM
FOS040-GM-570-RD	570 LPM
FOS040-GM-760-RD	760 LPM
FOS040-GM-950-RD	950 LPM
FOS040-GM-1140-RD	1140 LPM

# AUTOMATIC POWDER FIRE EXTINGUISHER

Application area : Storage of flammable liquid.  
Actuation temperature : 68c  
Working pressure : 14 bar  
Installation : Mounting at ceiling height  
Test pressure : 25 bar  
Material : Cold Roll steel  
Type of agent : Ammonium Phosphate ABC

Code No.	Size	Diameter (mm)	Height (mm)
FEX215-MS-060-RD	6kg	300	300
FEX215-MS-120-RD	12kg	340	360



# CARBON DIOXIDE FIRE EXTINGUISHER ON TROLLEY



Carbon dioxide fire extinguisher on trolley is made of seamless Manganese steel to withstand high storage pressure. It is effective on class B and class C fires and electrically non conductive.

Carbon dioxide fire extinguisher on trolley is used throughout industry as a protection against industrial fires involving dangerous chemical and gas. Carbon dioxide does not deteriorate with storage or freeze in the container. Carbon dioxide disperses without leaving any contamination or corrosive residue and will not damage valuable equipment and materials.

	FEX079-CS-450-GY	FEX079-CS-320-GY
Capacity, Kg	45.0	32.0
Working pressure, Bar	60	60
Cylinder test pressure, Bar	250	250
Approx. time of discharge, sec	75	60
Discharge hose (diameter/length)	1/2"Ø x 6m	1/2"Ø x 6m
Overall height, mm	1600	1420
Overall width, mm	2000	2000
Overall depth, mm	1170	1170
Full weight, Kg (lb)	150 (330)	112 (246)
Material	Manganese Steel BS 5045 Part 1	
Paint Finish	Grey	
Class of Fire	B, C	

# POWDER AND FOAM FIRE EXTINGUISHER ON TROLLEY EN 186

SFS fire extinguisher on trolley units are available in ABC powder and AFFF foam type. ABC dry chemical powder fire extinguisher on trolley is effective for use on class A, B & C fire and it is ideal for multi-risk fire. AFFF foam fire extinguisher on trolley is suitable for class A and B fire and highly effective for flammable liquid fire. Trolley units can be operated by one person and are suitable for areas with high risk for fire such as industrial facilities.

STORE PRESSURE TYPE				
Code No.	FEX147-MS-250-RD	FEX147-MS-500-RD	FEX147-MS-700-RD	FEX155-CS-450-RD
Type of Extinguishant	ABC Powder	ABC Powder	ABC Powder	AFFF Foam
Capacity, kg (lb)	25(55)	50(110)	70(154)	45L
Approx. time of Discharge, sec	50	85	100	60

Working Pressure : 14 Bar  
 Cylinder Test Pressure : 25 Bar  
 Discharge hose length : 6m  
 Finishing : Red  
 Operating Temperature : -20c to 60c (powder), 1c to 60c (foam)  
 Dimension : 1100 x 620 x 820 mm ( 50kg )  
 1000 x 450 x 630 mm ( 25kg )



## 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 effective on flammable liquid fire. This is a self-contained foam production unit which only requires connection to a suitable water supply (minimum water supply required is 180 LPM at 5 bar).

PERFORMANCE DATA FOR FEX161-FG-120-YW					
Input Pressure at Inductor	Total Water Flow	Foam Produced	Approximate running time (min.) Inductor setting		Foam Throw from Branchpipe
Bar	Litre/Min.	Litre/Min.	3%	6%	m
5	180	1800	22	11	14
6	197	1970	20	10	
7	213	2130	18	9	17
8	228	2280	17	8.5	
10	255	2550	16	16	20

### Standard features

- 2 x 15m 1-3/4" (45mm) fire hose with Aluminium BS Coupling
- 250 LPM Foam Inductor with pickup tube
- 250 LPM Low Expansion branchpipe
- Control valve (2" ball valve)
- 120L AFFF foam concentrate and fibre glass tank on trolley

### Application:

Protection of oil storage installation loading stations, paint and solvent stores.



# BS EN3 Powder Type Fire Extinguisher

PRESSURE EQUIPMENT DIRECTIVE  
APPROVED FIRE EXTINGUISHERS



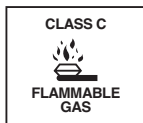
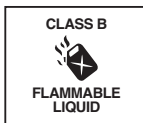
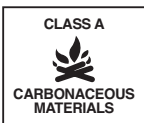
MARINE EQUIPMENT DIRECTIVE  
APPROVED FIRE EXTINGUISHERS



ISO 9001  
Certified



- British Standards Institution – BSI approval store powder and cartridge type.
- Suitable for Class A, B, C & electrical hazards.
- Ideal for industrial, commercial and domestic environment.
- High quality and good value.
- Colour coded for instant recognition.
- All units tested by electronic leak detection.
- Operated effectively at both high and low temperature.
- ISO 9001 Certified Quality System by QAS Australia.



## TECHNICAL SPECIFICATION

EXTINGUISHER TYPE	STORE PRESSURE TYPE (NITROGEN PROPELLENT)		
	2kg	4kg	6kg
MODEL NO.	FEX104	FEX105	FEX106
FIRE RATING	13A, 89B	21A, 113B	34A, 233B
OPERATING TEMPERATURE	-20°C to 60°C		
OPERATING PRESSURE	14 Bar		
HEIGHT	400mm	480mm	480mm
FULL WEIGHT	3.3kg	7.1kg	9.1kg
TEST PRESSURE	25 Bar		
DISCHARGE TIME	10 secs	13 secs	19 secs
RANGE OF THROW (approx)	4 - 5 M	5 - 6 M	5 - 6 M
CARTON SIZE mm	125 x 160 x 430	180 x 210 x 495	180 x 200 x 485



Local Distributer:

# BS EN3 CO2 Type Fire Extinguisher

PRESSURE EQUIPMENT DIRECTIVE  
APPROVED FIRE EXTINGUISHERS



MARINE EQUIPMENT DIRECTIVE  
APPROVED FIRE EXTINGUISHERS



ISO 9001  
Certified

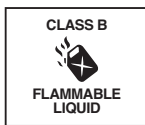


FEX180

FEX182

FEX181

FEX183



- British Standards Institution – BSI approval.
- 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.
- ISO 9001 Certified Quality System by QAS Australia.

## TECHNICAL SPECIFICATION

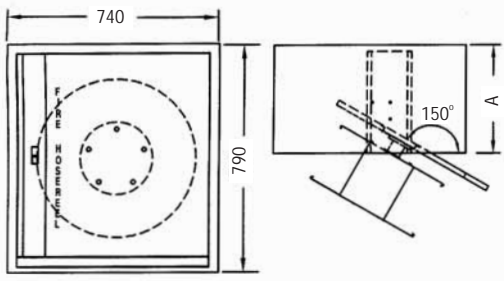
EXTINGUISHER TYPE	2kg	5kg	2kg	5kg
MATERIAL	Steel	Steel	Aluminium	Aluminium
MODEL NO.	FEX182	FEX183	FEX180	FEX181
FIRE RATING	34B	55B	34B	55B
OPERATING TEMPERATURE	-20°C to 60°C			
OPERATING PRESSURE	50 Bar at 20°C			
CYLINDER SPECIFICATION	1997/23/EC			
HEIGHT	625mm	770mm	575mm	695mm
FULL WEIGHT	8.4kg	15.8kg	6.1kg	15.2kg
EMPTY WEIGHT	6.4kg	10.8kg	4.1kg	10.2kg
DISCHARGE TIME	14 secs	15 secs	14 secs	15 secs
RANGE OF THROW (approx)	4 - 5 M	4 - 5 M	4 - 5 M	4 - 5 M
CARTON SIZE mm	220 x 180 x 650	230 x 245 x 780	180 x 200 x 530	230x 240 x 720



**MODEL C SINGLE COMPARTMENT PIVOT TYPE HOSE REEL CABINET**

TECHNICAL SPECIFICATION	
Material	Mild Steel
Thickness	1.2mm
Installation	Recessed
Capacity	Manual or Automatic Hose Reel Fixed Type 3 / 4" or 1" Hose up to 36m
Paint Finish	Epoxy Powder Red or White, 70 micron min.
Overall Dimension	740mm (W) x 790mm (H) x A (D)

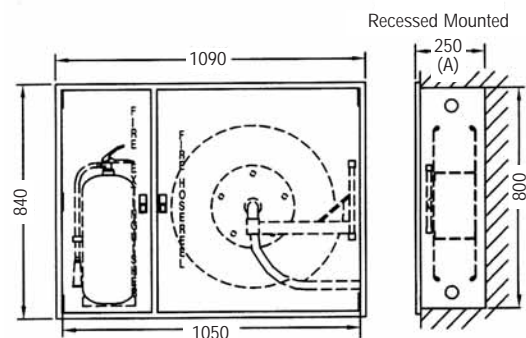
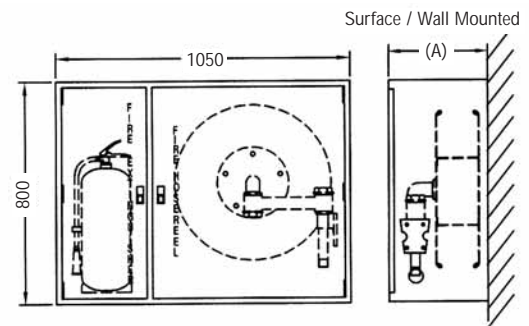
Code No.	Dimension A (Depth) mm	Type
HRS001-MS-450-WH	450	Recessed (22" Drum)



**MODEL D DOUBLE COMPARTMENT HOSE REEL CABINET**

TECHNICAL SPECIFICATION	
Material	Mild Steel
Thickness	1.2mm
Installation	Surface Mounted / Recessed
Capacity	Manual or Automatic Swing Type Hose Reel 1" or 3/4", & 1 No Fire Extinguisher 9kg
Paint Finish	Epoxy Powder Red, 70 micron min.
Overall Dimension	1050mm (W) x 800mm (H) x A (D)

Code No.	Dimension A (Depth) mm	Type
HRS003-MS-400-RD	400	Surface/ Wall Mounted
HRS003-MS-320-RD	320	Surface/ Wall Mounted
HRS003-MS-250-RD	250	Surface/ Wall Mounted
HRS006-MS-400-RD	400	Recessed
HRS006-MS-320-RD	320	Recessed
HRS006-MS-250-RD	250	Recessed



Optional: Electrolytic Galvanised (EG) or stainless steel material available on request.