

Fire Extinguishers

Portable Dry Chemical Powder Fire Extinguisher

The dry chemical powder fire extinguisher is one of the most versatile fire extinguishers available. This extinguisher is effective on Class A (Carbonaceous material such as paper), Class B (Flammable liquids) & Class C (Flammable gas) fires.

Therefore, dry powder is the ideal extinguishant where there is dangerous mixed fire risks. Only fire involving carbon disulphite and flammable metals such as magnesium and sodium should be avoided.

Dry chemical powder is a non conductor of electricity and is not dangerous to human beings or animals and it is a free flowing powder with a composition based on ammonium phosphate and sulphate with special additives to improve fluidity and storage.

Installation and maintenance of fire extinguishers to BS 5306 part 3



SIRIM
 CERTIFIED TO MS 1179:
 1990
 Certification No.: PS005702

Propellant	Stored pressured Type (Nitrogen)			
Code No.	FEX132-MS-010-BL	FEX132-MS-020-BL	FEX132-MS-045-BL	FEX132-MS-060-BL
Capacity, kg	1.0	2.0	4.5	6.0
Working pressure, Bar (Psi)	12 (174)	14 (203)		
Test pressure, Bar (Psi)	25 (362.5)			
Discharge time, sec.	7-14	8-16	12-22	14-24
Overall height, mm	340.0	390.0	475.0	
Cylinder diameter, mm	84.5	109.5	157.0	
Overall weight, kg	1.9	3.3	7.8	9.3
Body material	Cold Roll Steel			
Design	Manufactured and approved to MS 1179, 1990, (BS 5423)			
Paint finish	Blue			
Carton box size, mm	110x125x345	130x165x415	185x205x490	
Type of extinguishant	ABC Powder (Ammonium Phosphate)			

Type of fire	A, B, C, E
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Propellant	Stored Pressure Type (Nitrogen)		Cartridge (Carbon Dioxide)		
Code No.	FEX132-MS-090-BL	FEX132-MS-120-BL	FEX077-MS-045-BL	FEX077-MS-060-BL	FEX077-MS-090-BL
Capacity, kg	9.0	12.0	4.5	6.0	9.0
Working pressure, Bar (Psi)	14 (203)				
Test pressure, Bar (Psi)	25 (362.5)				
Discharge time, sec.	22-38	40-45	12-14	14-20	25-35
Overall height, mm	560.0	630.0	510.0		587.0
Cylinder diameter, mm	176.0		157.0		176.0
Overall weight, kg	12.7	16.3	8.9	10.5	14.1
Body material	Cold Roll Steel				
Design	Manufactured and approved to MS 1179, 1990				
Paint finish	Blue				
Carton box size, mm	205x205x570	205x205x620	205x185x525		205x205x590
Type of extinguishant	ABC Powder (Ammonium Phosphate)				
Type of fire	A, B, C, E				

Portable Foam And Water Extinguisher

Foam Fire Extinguisher is suitable for Class A & B fire. It smothers the flame, depriving the fire of oxygen.

Water Fire Extinguisher cools the fire by removing the heat needed to sustain burning and prevents glowing embers from re-igniting. It is suitable for Class A fire.

Features

Internal plastic lining (corrosion resistance)



Foam Fire Extinguisher		
Type	Pressure	Cartridge
Code No.	FEX138-MS-090-PC	FEX088-MS-090-PC
Capacity, (litre)	9.0	9.0
Propellant	Nitrogen	CO2
Working pressure, Bar (Psi)	14 (203)	14 (203)
Test pressure, Bar (Psi)	25 (363)	
Discharge time, sec.	40	40
Overall Height, mm	635	635
Cylinder diameter, mm	181	181
Full weight (kg)	13.1	13.5
Cartridge size	---	75 gm
Carton size, mm	205x205x650	
Design	BS 5423	
Body material	Cold Roll Steel	
Paint finish	Pale Cream	
Type of extinguishant	AFFF Foam	
Class of fire	A, B	
Fire rating	13A, 55B	
Temperature range	+1 ° to 60 °C	

Water Fire Extinguisher		
Type	Pressure	Cartridge
Code No.	FEX137-MS-090-RD	FEX078-MS-090-RD
Capacity, (litre)	9.0	9.0
Propellant	Nitrogen	CO2
Working pressure, Bar (Psi)	14 (203)	14 (203)
Test pressure, Bar (Psi)	25 (363)	
Discharge time, sec.	65	65
Overall Height, mm	635	635
Cylinder diameter, mm	181	181
Full weight (kg)	13.1	13.5
Cartridge size	---	55 gm
Carton size, mm	205x205x650	
Design	BS 5423	
Body material	Cold Roll Steel	
Paint finish	Red	
Type of extinguishant	Water	

Class of fire	A
Fire rating	13A
Temperature range	+1 ° to 60°C

Portable Carbon Dioxide Fire Extinguisher

Carbon dioxide (CO₂) is effective on Class B (flammable liquid) and Class C (gas) fires. It is electrically non conductive and does not deposit residue therefore safe for fighting fires in electrical equipment.

SRI CO₂ fire extinguisher is available in three types of cylinder material: Carbon Steel, Aluminium Alloy and Chromium Molybdenum.

Installation and maintenance of fire extinguishers to BS 5306 part 3



Body	FEX139-CS-012-BK	FEX139-CS-022-BK	FEX139-CS-045-BK	FEX139-CS-070-BK
Material	Carbon Steel			
Capacity, kg (lb)	1.25 (2.75)	2.2 (5.00)	4.5 (10.00)	7.0 (15.00)
Working pressure, Bar	60.0			
Overall height, mm	410	610	610	850
Overall diameter, mm	115	115	153	153
Cylinder Test pressure, Bar	250			
Discharge time, Sec	7-10	10-12	12-14	16-20
Full weight, kg	6.1	9.8	17	22
Paint finish	Black			

Test Rating	13B	21B	34B	55B
Temperature range	-20° to 60 °C			
Discharge range	3 meter			
Carton box size, mm	175x180x510	180x195x665	230x230x715	200x225x925
Operating head	Brass			
Type of extinguishant	Carbon Dioxide			
Class of fire	B, C			

Material	Aluminium Alloy		Chromium Molybdenum	
Code No.	FEX139-LA-020-RD	FEX139-LA-050-RD	FEX139-CM-022-BK	FEX139-CM-045-BK
Capacity	2.0 kg	5.0 kg	2.2 kg	4.5 kg
Overall Height, mm	560	700	640	700
Overall diameter, mm	111	152	105	138
Full weight, kg	5.5	12.5	8.5	14.0

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.



Code No.	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	Maganese Steel BS 4045 Part 1	
Paint finish	Grey	
Class of fire	B, C	

Dry Chemical Powder And Foam Fire Extinguisher On Trolley

SRI 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.



FEX155-CS-450-PC

FEX147-MS-500-BL

Code No.	FEX147-MS-250-BL	FEX147-MS-500-BL	FEX147-MS-700-BL	FEX155-CS-450-PC
Type of Extinguishant	ABC Powder	ABC Powder	ABC Powder	AFFF Foam
Capacity, kg (lb)	25 (55)	50 (110)	70 (154)	45L
Working pressure, Bar	15	15	15	15
Cylinder Test pressure, Bar	40.5	40.5	40.5	40.5
Approx. time of discharge, Sec	50	85	100	60
Discharge hose (diameter/length)	1/2"Ø x 6m			
Overall height, mm	1020	1070	1070	1070
Overall width, mm	425	620	620	620
Overall depth, mm	630	820	820	820
Full weight, kg (lb)	70 (154)	123 (270)	143 (315)	123 (270)
Material construction	Mild Steel			Mild Steel
Paint finish	Blue			Pale cream
Temperature range	-20°C to 60°C			1°C to 60°C
Class of fire	A, B, C, E			A, B

Optional : Special capacity is available upon request.

CO2 Cartridge operated available.

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	Approx. running time (min.) Inductor setting		Foam Throw from Branchpipe
			3%	6%	
Bar	Litre/Min.	Litre/Min.			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.