

Contoh alat pemadam api

Fire Extinguishers

Dry Chemical Powder

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.



Dry Chemical Powder

Cylinder Data

Propellant	Stored pressured Type (Nitrogen)			
	FEX132-MS-010-BL	FEX132-MS-020-BL	FEX132-MS-045-BL	FEX132-MS-060-BL
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			

Foam And Water

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.



Foam and Water Fire Extinguisher

Cylinder Data

Type	Foam Fire Extinguisher		Water Fire Extinguisher	
	Pressure	Cartridge	Pressure	Cartridge
Code No.	FEX138-MS-090-PC	FEX088-MS-090-PC	FEX137-MS-090-RD	FEX078-MS-090-RD
Capacity, (litre)	9.0	9.0	9.0	9.0
Propellant	Nitrogen	CO2	Nitrogen	CO2
Working pressure, Bar (Psi)	14 (203)	14 (203)	14 (203)	14 (203)
Test pressure, Bar (Psi)	25 (363)		25 (363)	
Discharge time, sec.	40	40	65	65
Overall Height, mm	635	635	635	635
Cylinder diameter, mm	181	181	181	181
Full weight (kg)	13.1	13.5	13.1	13.5
Cartridge size		75 gm		55 gm
Carton size, mm	205x205x650		205x205x650	
Design	BS 5423		BS 5423	
Body material	Cold Roll Steel		Cold Roll Steel	
Paint finish	Pale Cream		Red	
Type of extinguishant	AFFF Foam		Water	
Class of fire	A, B		A	
Fire rating	13A, 55B		13A	
Temperature range	+1° to 60°C		+1° to 60°C	

Carbon Dioxide

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.



Carbon dioxide (CO₂)

Cylinder Data

Material	Carbon Steel			
Code No.	FEX139-CS-012-BK	FEX139-CS-022-BK	FEX139-CS-045-BK	FEX139-CS-070-BK
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, kg	2.0	5.0	2.2	4.5
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