

SAFETECH

A HI-TECH PRODUCT



IS 15683 : 2018
IS 16018 : 2012

Shaping the Future of Fire Extinguishers



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ABC DRY POWDER



This is a premium range of appliances available in ABC Powder, pressurised with dry nitrogen gas/Co2 Cartridge. The contents are expelled by the release of pressure stored inside the body. The inbuilt pressure gauge indicates its readiness for use. ABC powder is one of the most versatile and highly effective agents suitable to combat fires involving wood, inflammable liquids, gases and electrical wiring. This extinguisher knocks down fire by beating and displacement of air.



Ordinary solid material fires



Flammable liquid fires



Gas and Vapour fires



TYPE	1 Kg	2 Kg	4 Kg	6 Kg	9 Kg	9 Kg (Cartridge Type)
Fire Rating	1A : 21B	1A : 21B	2A : 55B	3A : 89B	4A : 144B	4A : 144B
Discharge time	8 Sec	8 Sec	18 Sec	24 Sec	31 Sec	31 Sec
Total Height	305 mm	360 mm	485 mm	485 mm	570 mm	570 mm
Diameter	86 mm	108 mm	130 mm	160 mm	175 mm	175 mm
Charged Weight	2.2 Kg	3.5 Kg	6.5 Kg	8.5 Kg	12.5 Kg	13.5 Kg
Operating Temperature	-10°C to +55°C					
Service Pressure	15 bar	15 bar	15 bar	15 bar	15 bar	15 bar
Maximum Service Pressure	18 bar	18 bar	18 bar	18 bar	18 bar	18 bar
Test Pressure	35 bar	35 bar	35 bar	35 bar	35 bar	35 bar
Jet Range	2 metre	2 metre	3 metre	4 metre	5 metre	5 metre



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BC DRY POWDER

Dry Powder extinguisher are highly effective for B Ft C class fires, specially for combating three dimensional or running fires involving inflammable liquids like petrol, paints, solvents or industrial gases. They can also be used on energised electrical equipments. Powder based extinguisher knocks down fire by beating a displacement of air.



Flammable
liquid fires



Gas and Vapour
fires



TYPE	6 Kg	6 Kg (Cartridge Type)	9 Kg	9 Kg (Cartridge Type)
Fire Rating	89B	89B	144B	144B
Discharge time	24 Sec	24 Sec	31 Sec	31 Sec
Total Height	485 mm	485 mm	570 mm	570 mm
Diameter	160 mm	160 mm	175 mm	175 mm
Charged Weight	8.5 Kg	9.5 Kg	12.5 Kg	13.5 Kg
Operating Temperature	-10°C to +55°C			
Service Pressure	15 bar	15 bar	15 bar	15 bar
Maximum Service Pressure	18 bar	18 bar	18 bar	18 bar
Test Pressure	35 bar	35 bar	35 bar	35 bar
Jet Range	4 metre	4 metre	5 metre	5 metre

BC DRY POWDER



Flammable
liquid fires

Gas and Vapour
fires



TYPE	25 kg (Inside cartridge type)	25 kg (Outside cartridge type)	50 kg	75 kg
Fire Rating	144B	144B	233B	233B
Discharge time	30 Sec	30 Sec	45 Sec	55 Sec
Total Height	710 mm	710 mm	964 mm	1000 mm
Diameter	300 mm	300 mm	400 mm	400 mm
Charged Weight	52 Kg	60 Kg	110 Kg	140 Kg
Operating Temperature	-30°C to +55°C			
Test Pressure	35 bar	35 bar	35 bar	35 bar
Jet Range	6 metre	6 metre	8 metre	10 metre
Cartridge	500 gm	Co2 2Kg	Co2 2Kg	Co2 2Kg



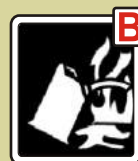
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Co₂ TYPE



The quick Et efficient flame knockdown property of Co₂ gas makes it ideal for tackling fires involving inflammables liquids like petrol, oil, paints, solvents and industrial gases. It is also suitable for sophisticated machineries. Co₂ extinguishes the fire within seconds by dilution of oxygen and chilling effect.



Flammable
liquid fires



Gas and Vapour
fires



TYPE	2 Kg	4.5 Kg	6.5 kg	9 kg	22.5 Kg
Fire Rating	21B	34B	55B	55B	89B
Discharge time	09 Sec	12 Sec	20 Sec	30 Sec	40 Sec
Total Height	555 mm	700 mm	960 mm	1250 mm	1155 mm
Diameter	180 mm	140 mm	140 mm	140 mm	232 mm
Charged Weight	9 Kg	16 Kg	23-25 Kg	34-36 Kg	80-82 Kg
Operating Temperature	-10°C to +55°C				
Maximum Service Pressure	168 bar	168 bar	168 bar	168 bar	168 bar
Test Pressure	250 bar	250 bar	250 bar	250 bar	250 bar
Jet Range	2 metre	3 metre	3 metre	3 metre	4 metre



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WATER TYPE



Water the best fire extinguishant suited for combating fires involving ordinary carbonaceous material like wood, paper, cloth, rubber Et jute. Water extinguishes fire rapidly by striking, instant cooling Et quenching effects.

CAUTION : Not for use an oil electrical fires.



Ordinary solid material fires



TYPE	9 Litre	9 Litre (Cartridge Type)	45 Litre
Fire Rating	2A	2A	20A
Discharge time	31 Sec	31 Sec	45 Sec
Total Height	570 mm	570 mm	982 mm
Diameter	175 mm	175 mm	300 mm
Charged Weight	12.5 Kg	13.5 Kg	80 Kg
Operating Temperature	+5°C to +55°C		
Service Pressure	15 bar	15 bar	-
Maximum Service Pressure	18 bar	18 bar	-
Test Pressure	35 bar	35 bar	35 bar
Jet Range	5 metre	5 metre	4 metre
Cartridge	-	-	300 gm



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MECHANICAL FOAM



Foam is a powerful knockdown agent for spill fires involving inflammable liquids such as petrol, oil, naptha, paints, alcohols Et solvent. This extinguisher forms a thick layer of foam over the burning surface, effectively cutting of atmospheric supply of oxygen to the burning surface thereby smothering the fire and preventing re-ignition. foam extinguishes fire by giving blanketing effect.

CAUTION : Not for use on Electrical fire.



Ordinary solid material fires



Flammable liquid fires



TYPE	9 Litre	9 Litre (Cartridge Type)	45 Litre
Fire Rating	2A : 89B	2A : 89B	20A : 233B
Discharge time	31 Sec	31 Sec	45 Sec
Total Height	570 mm	570 mm	982 mm
Diameter	175 mm	175 mm	300 mm
Charged Weight	12.5 Kg	13.5 Kg	80 Kg
Operating Temperature	+5°C to +55°C		
Service Pressure	15 bar	15 bar	-
Maximum Service Pressure	18 bar	18 bar	-
Test Pressure	35 bar	35 bar	35 bar
Jet Range	5 metre	5 metre	4 metre
Cartridge	-	-	300 gm



Marketed by:
Hi-Tech Safe
INDORE



Manufactured by:
Hi-Tech Metal Formings
INDORE

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