

# SAFETECH

A HI-TECH PRODUCT



IS 15683 : 2018  
IS 16018 : 2012

*Shaping the Future of Fire Extinguishers*



## 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.



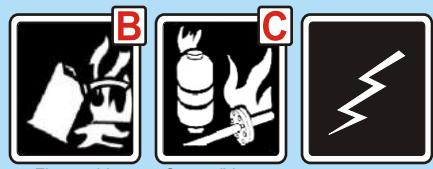
TYPE	1 Kg	2 Kg	4 Kg	6 Kg	9 Kg	9 Kg (Cartridge Type)
<b>Fire Rating</b>	1A : 21B	1A : 21B	2A : 55B	3A : 89B	4A : 144B	4A : 144B
<b>Discharge time</b>	8 Sec	8 Sec	18 Sec	24 Sec	31 Sec	31 Sec
<b>Total Height</b>	305 mm	360 mm	485 mm	485 mm	570 mm	570 mm
<b>Diameter</b>	86 mm	108 mm	130 mm	160 mm	175 mm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



## 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



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



## CO<sub>2</sub> TYPE

The quick & efficient flame knockdown property of CO<sub>2</sub> gas makes it ideal for tackling fires involving inflammable liquids like petrol, oil, paints, solvents and industrial gases. It is also suitable for sophisticated machineries. CO<sub>2</sub> 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
<b>Fire Rating</b>	21B	34B	55B	55B	89B
<b>Discharge time</b>	09 Sec	12 Sec	20 Sec	30 Sec	40 Sec
<b>Total Height</b>	555 mm	700 mm	960 mm	1250 mm	1155 mm
<b>Diameter</b>	180 mm	140 mm	140 mm	140 mm	232 mm
<b>Charged Weight</b>	9 Kg	16 Kg	23-25 Kg	34-36 Kg	80-82 Kg
<b>Operating Temperature</b>	-10°C to +55°C				
<b>Maximum Service Pressure</b>	168 bar	168 bar	168 bar	168 bar	168 bar
<b>Test Pressure</b>	250 bar	250 bar	250 bar	250 bar	250 bar
<b>Jet Range</b>	2 metre	3 metre	3 metre	3 metre	4 metre



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



## 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 off 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.



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



Marketed by:  
**Hi-Tech Safe**  
INDORE



Manufactured by:  
**Hi-Tech Metal Formings**  
INDORE

#### CorrespondenceAddress

Near Indo-German Tool Room, Sanwer Road, INDORE (M.P.) 452003, INDIA  
Ph.: 0731-3081600 Fax: 0731-3081601 email: [hitechsafe@rediffmail.com](mailto:hitechsafe@rediffmail.com)