

Firechief

FIRE EXTINGUISHERS



DRY CHEMICAL POWDER Stored Pressure Type

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|-----------------------|---|
| Suitable For : | Fires on ordinary combustible materials, highly inflammable liquids, gases expelled under pressure and fires under electric tension. |
| Specification: | BS 5423 / NFPA - 10 |
| Construction: | Main body of 2 deep-drawn shells of 18 gauge(1.22 mm) mild steel sheet, welded in the centre. |
| Test Pressure: | 25 bar (350 lbs. psi) |
| Protection : | Epoxy polyester powder coating by electro-static process and then stoved to 200 °C |
| Colour: | Red; with instructions label in Urdu and English, with blue printing (for identification) |
| Design : | Extinguisher contains dry powder in main body which is pressurized with Nitrogen. Pressure gauge is fitted at front which gives all-time indication whether extinguisher is charged or needs refilling. |
| Operation : | By depressing operating lever, Nitrogen expels out dry powder through delivery hose (where provided) and discharge nozzle |

| MODEL | POWDER CONTENTS | DISCHARGE TIME | MAX RANGE | HOSE LENGTH | TYPE OF DISCHARGE | TOTAL WEIGHT (APPROX.) | FIRE CLASS |
|--------------|-----------------|----------------|---------------------|--------------|-------------------|------------------------|-----------------|
| DC - SP - 1 | 1.0 kg | 8-10 Seconds | 1.5-3 m (5-10 feet) | NIL | Controlled | 2.0 Kg. | General Purpose |
| DC - SP - 2 | 2.0 kg | 8-15 Seconds | 1.5-3 m (5-10 feet) | NIL | | 3.6 Kg. | |
| DC - SP - 4 | 4.0 kg | 9-15 Seconds | 5-7 m (16-22 feet) | NIL | | 6.2 Kg. | |
| DC - SP - 6 | 6.0 kg | 10-20 Seconds | 3-6 m (10-20 feet) | 375 mm (15") | | 8.75 Kg. | |
| DC - SP - 12 | 12.0 kg | 18-25 Seconds | 3-6 m (10-20 feet) | 450mm (18") | | 15.50 Kg. | |

*Discharge time and max range depends on the size of discharge nozzle and wind speed/direction



AFFF SUITABLE FOR: Fires involving ordinary combustible materials and highly inflammable liquids such as petrol, oils, paints and varnishes etc.

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| MODEL | AFFF - 10 |
| SPECIFICATION | BS 5423 & NFPA 10 |
| CAPACITY | 10 litres (2 gallons) |
| THROW * | 6-7 meters (20 - 25 feet) |
| DISCHARGE TIME * | 30-50 seconds |
| DESIGN | Main body contains 10 litres of premixed solution of AFFF which is pressurized by Nitrogen gas. By squeezing the operating lever, AFFF solution is released through delivery hose and discharge nozzle; Pressure gauge at the front indicates inside pressure |
| TO OPERATE | The operating lever is squeezed; discharge can be interrupted |
| CONSTRUCTION | Extinguisher is made of 2 deep-drawn shells of 18 SWG mild steel sheet, welded in the centre |
| TEST PRESSURE | 25 kg/cm ² (350 lbs. Psi) |
| PROTECTION | Coated internally and externally with epoxy polyester powder by electrostatic process and then stoved to 200°C |
| FINISH | Red; with instruction label in Urdu and English; with yellow printing (for identification) |
| FOR FIRE CLASS | A & B |

*Depends on wind speed/direction

DRY POWDER FIRE EXTINGUISHER WITH EXTERNAL CO₂ CARTRIDGE

Specifications : BS 5423 AND NFPA 10

Design : Extinguisher contains dry powder in main body and CO₂ gas in steel cartridge which is fitted on the outside of the body.

Operation : By opening wheel of gas cartridge, CO₂ is discharged into the main body which forces powder out, through delivery hose and discharge nozzle.



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|-------------------------------|---|------------------|
| MODEL | DC-6 | DC-12 |
| POWDER CONTENTS | 6.0 kg | 12.0 Kg |
| DISCHARGE TIME | 11-13 seconds | 20-23 seconds |
| MAX RANGE | 5-6 m (16-20 ft) | 5-6 m (16-20 ft) |
| HOSE LENGTH | 375 mm (15inch) | 450 mm (18 inch) |
| TYPE OF DISCHARGE | Controllable, with the help of squeeze grip discharge nozzle | |
| CONSTRUCTION | Main body made of 2 deep drawn shells of 18 SWG (1.22mm) mild steel sheet, welded in the centre | |
| TEST PRESSURE | 25 kg/cm ² (350 lbs. Psi) | |
| PROTECTION | Coated with epoxy polyester powder, stoved to 200° C | |
| COLOUR | Red; with instruction labels in Urdu and English; with blue identification band | |
| TOTAL WEIGHT (approx.) | 11.0 kg | 18.5 kg |

SELECTION OF RIGHT TYPE FIRE EXTINGUISHER

| TYPE OF FIRE EXTINGUISHER | FIRE CLASS | | | | |
|---------------------------|------------|-----|-----|------|-----|
| | A | B | C | D | E |
| WATER | Yes | No | No | No | No |
| AFFF | Yes | Yes | No | No | No |
| DRY POWDER | Yes* | Yes | Yes | No** | Yes |
| CO₂ | No | Yes | Yes | No | Yes |
| HALOTRON-1 | Yes* | Yes | Yes | No | Yes |

* in incipient stage of fire

** needs special type of dry powder

WATER

A new fire extinguisher for class "A" fire risk and an improved replacement for Soda-acid type.

SUITABLE FOR:

Fires on ordinary combustible materials such as wood, cloth, paper, furnishing rubber, and cotton etc.



| | |
|-------------------------|--|
| MODEL | W - SP - 10 |
| SPECIFICATION | BS 5423 & NFPA 10 |
| CAPACITY | 10 litres (2 gallons) |
| THROW * | 7-8 meters (25 - 30 feet) |
| DISCHARGE TIME * | 50-60 seconds |
| DESIGN | Main body contains water which is pressurized by Nitrogen gas. By squeezing the operating lever, water is released through delivery hose and discharge nozzle; Pressure gauge at the front indicates inside pressure |
| TO OPERATE | The operating lever is squeezed; discharge can be interrupted |
| CONSTRUCTION | Extinguisher is made of 2 deep-drawn shells of 18 SWG mild steel sheet, welded in the centre |
| TEST PRESSURE | 25 kg/cm ² (350 lbs. Psi) |
| PROTECTION | Coated internally and externally with epoxy polyester powder by electrostatic process and then stoved to 200°C |
| FINISH | Red, with instructions label in Urdu and English |
| FOR FIRE CLASS | A |

*Depends on wind speed/direction

HALOTRON-1

(CLEAN AGENT) MULTI PURPOSE FIRE EXTINGUISHER

- U.L and U.L.C. Listed For Fire Extinguishers
- U.S. E.P.A SNAP List For commercial / Industrial, Maritime & Military Use Approved
- U.S F.A.A. Approved U.S Coast Guard Approved
- Installed in Aircraft Rescue & Fire Fighting (ARFF) Vehicles



| MODEL | CONTENTS | Discharge Time | Range | For Class |
|---------------|----------------------|----------------|-----------|-----------|
| Halotron - 1 | 1 Kg Halotron-I gas | 9 Seconds | 6-10 Feet | ABCE |
| Halotron - 2 | 2 Kg Halotron-I gas | 9 Seconds | 6-10 Feet | |
| Halotron - 4 | 4 Kg Halotron-I gas | 9-11 Seconds | 9-15 Feet | |
| Halotron - 6 | 6 Kg Halotron-I gas | 10-12 Seconds | 9-15 Feet | |
| Halotron - 12 | 12 Kg Halotron-I gas | 15-18 Seconds | 9-15 Feet | |

A
solid matters forming glowing residues e.g. wood, rubber (car tyres), paper, textiles



B
highly inflammable liquids and matters e.g. petrol, oils, greases, ether, alcohol etc.



C
burning gases emerging under pressure e.g. propane, butane, methane, acetylene, town gas



D
combustible light metals e.g. lithium sodium, magnesium, calcium



E
fires on electrical/electronic equipment



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