



DRY POWDER FIRE EXTINGUISHER (Stored Pressure) ABC TYPE - PORTABLE

Applications

- "UFS" dry powder type extinguishers are designed for protection of light and ordinary hazards.
- Suitable for A, B, C & E fire classes such as wood, paper, plastic, rubber, flammable liquids, gases and electric fire.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent to achieve high performance.

Features

- Deep drawn container made of high tensile cold rolled sheet.
- Minimum welding points to give attractive appearance.
- "UFS" Extinguishers pressurized to 15 bar and 100% leakage tested.
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the body.
- The easy squeeze grip type control valve provides for quick activation of the Extinguisher.
- Easy operation, maintenance, refilling and service.
- "UFS" extinguishers designed in compliance with BIS Standards.

Capacity: 1, 2, 5, 10 Kgs



Technical Specifications

Capacity (Kg)	1 Kg	2 Kg	5 Kg	10 Kg
Body material	Mild steel sheet	Mild steel sheet	Mild steel sheet	Mild steel sheet
Body sheet thickness (mm)	1.5 mm	1.5 mm	1.5 mm	1.7 to 1.8 mm
Extinguishing agent	Dry powder(ABC) IS:14609	Dry powder(ABC) IS:14609	Dry powder(ABC) IS:14609	Dry powder(ABC) IS:14609
Propelling gas Nitrogen(N2)	15 bar	15 bar	15 bar	15 bar
Discharge time (sec.)	Minimum 8 sec.	Minimum 8 sec.	Minimum 13 sec.	Minimum 13 sec.
Service pressure	15 – 19 bar	15 – 19 bar	15 – 19 bar	15 – 19 bar
Hydraulic test pressure	35 bar	35 bar	35 bar	35 bar
Operating temperature	-10° C to +55° C	-10° C to +55° C	-10° C to +55° C	-10° C to +55° C
Body burst pressure	Minimum 55 bar	Minimum 55 bar	Minimum 55 bar	Minimum 55 bar
Hose / Nozzle	Nozzle	Nozzle	Hose Minimum 400 mm	Hose Minimum 400 mm
Dimension (OD) mm	87 mm	110 mm	150 mm	175 mm
Discharge throw (meter)	1 – 2 mtr	1 – 2 mtr	2 – 4 mtr	2 – 6 mtr
Fire Rating	1A & 8B	1A & 8B	3A	6A



DRY POWDER FIRE EXTINGUISHER (Stored Pressure) DCP TYPE - PORTABLE

Applications

- "UFS" dry powder type extinguishers are designed for protection of light and ordinary hazards.
- Suitable for B, C fire classes such as flammable liquids, gases fire.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.

Features

- Deep drawn container made of high tensile cold rolled sheet.
- Minimum welding points to give attractive appearance.
- "UFS" Extinguishers pressurized to 15 bar and 100% leakage tested.
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the body.
- Easy operation, maintenance, refilling and service.
- The easy squeeze grip type control valve provides for quick activation of the extinguisher.
- "UFS" extinguishers designed in compliance with BIS Standards.

Capacity: 1, 2, 5, 10 Kgs



Technical Specifications

Capacity (Kg)	1 Kg	2 Kg	5 Kg	10 Kg
Body material	Mild steel sheet	Mild steel sheet	Mild steel sheet	Mild steel sheet
Body sheet thickness (mm)	1.5 mm	1.5 mm	1.5 mm	1.7 to 1.8 mm
Extinguishing agent	Dry powder (BC) IS:4308	Dry powder (BC) IS:4308	Dry powder (BC) IS:4308	Dry powder (BC) IS:4308
Propelling gas Nitrogen(N ₂)	15 bar	15 bar	15 bar	15 bar
Discharge time (sec.)	Minimum 8 sec.	Minimum 8 sec.	Minimum 13 sec.	Minimum 13 sec.
Service pressure	15 – 19 bar	15 – 19 bar	15 – 19 bar	15 – 19 bar
Hydro Test pressure	35 bar	35 bar	35 bar	35 bar
Operating temperature	-10° C to +55° C	-10° C to +55° C	-10° C to +55° C	-10° C to +55° C
Body burst pressure	Minimum 55 bar	Minimum 55 bar	Minimum 55 bar	Minimum 55 bar
Hose length (mm)	Nozzle	Nozzle	Hose Minimum 400 mm	Hose Minimum 400 mm
Dimension (OD) mm	87 mm	110 mm	150 mm	175 mm
Discharge throw (meter)	1 – 2 mtr	1 – 2 mtr	2 – 4 mtr	2 – 6 mtr
Fire Rating	1A & 8B	1A & 8B	3A	6A





HIGHER CAPACITY DRY POWDER FIRE EXTINGUISHER DCP (Trolley Mounted)

GAS CARTRIDGE / CO₂ CYLINDER TYPE

Applications

- **"UFS"** dry powder type extinguishers are designed for protection of light and ordinary hazards.
- Suitable for B, C fire classes such as flammable liquids, gases fire.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.

Features

- Minimum welding points to give attractive appearance.
- **"UFS"** Extinguishers are 100% leakage tested.
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the body.
- Easy operation, maintenance, refilling and service.
- **"UFS"** extinguishers designed in compliance with BIS Standards.



Capacity: 25, 50, 75 Kgs



Technical Specifications

Capacity (Kg)	25 Kg	50 Kg	75 Kg
Extinguishing agent	Dry powder (BC) IS: 4308	Dry powder (BC) IS: 4308	Dry powder (BC) IS: 4308
Discharge time (sec)	25 to 30 sec.	40 to 50 sec.	50 to 60 sec.
Range of jet throw (meter)	6 mtr	8 mtr	10 mtr
Hose length (meter)	3 mtr	5 mtr	5 mtr
Hose bore (mm)	19 mm	19 mm	19 mm
Hydraulic pressure test	30 kgf/cm ²	30 kgf/cm ²	30 kgf/cm ²
Hydraulic burst test	45 kgf/cm ²	45 kgf/cm ²	45 kgf/cm ²
Gas cartridge /(CO ₂) Cylinder	500 gms	2 kg	2 kg
Wheeled carriage	As per standard	As per standard	As per standard
Dimension(OD) mm	300 mm	400 mm	400 mm



WATER BASED FIRE EXTINGUISHER (Stored Pressure) PORTABLE TYPE

Applications

- **"UFS"** stored pressure water based fire extinguishers are suitable for A fire classes such as wood, paper, clothe, plastic fires.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.

Capacity: 9 Litre

Features

- Deep drawn container made of high tensile cold rolled sheet.
- Minimum welding points to give attractive appearance.
- **"UFS"** Extinguishers pressurized to 15 bar and 100% leakage tested.
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the body.
- The easy squeeze grip type control valve provides for quick activation of the extinguisher.
- Easy operation, maintenance, refilling and service.
- **"UFS"** extinguishers designed in compliance with BIS Standards.



Technical Specifications

Capacity (Ltr)	9 ltr
Body material	Mild steel sheet
Body sheet thickness (mm)	1.7 to 1.8 mm
Extinguishing agent	water
Propelling gas Nitrogen (N2)	15 bar
Discharge time (sec.)	Minimum 13 sec.
Service pressure	15 – 19 bar
Hydraulic test pressure	35 bar
Operating temperature	+5° C to +55° C
Body burst pressure	Minimum 55 bar
Hose length (mm)	Minimum 400 mm
Dimension (OD)mm	175 mm
Discharge throw (meter)	2 – 5 mtr
Fire Rating	2A





WATER BASED FIRE EXTINGUISHER TROLLEY MOUNTED (GAS CARTRIDGE)

Applications

- **"UFS"** gas cartridge type water based fire extinguishers are suitable for A fire classes such as wood, paper, clothe, plastic fires.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.

Capacity: 50 Litre

Features

- Minimum welding points to give attractive appearance.
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the body.
- **"UFS"** extinguishers are 100% leakage tested.
- Easy operation, maintenance, refilling and service.
- **"UFS"** extinguishers designed in compliance with BIS Standards.



Technical Specifications

Capacity (Ltr.)	50 ltr
Extinguishing agent	water
Discharge time (sec.)	60 sec.
Range of jet throw (meter)	10 mtr
Hose length (meter)	3 mtr
Hose bore (mm)	19 mm
Hydraulic pressure test	30 kgf/cm ²
Hydraulic burst test	45 kgf/cm ²
Gas cartridge (CO ₂)	250 gms
Wheeled carriage	As per standard
Dimension (OD) mm	300 mm



MECHANICAL FOAM BASED FIRE EXTINGUISHER

(Stored Pressure)

PORTABLE TYPE



Applications

- **"UFS"** stored pressure mechanical foam based fire extinguishers are suitable for A & B fire classes such as ordinary combustible materials and flammable liquids.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.

Capacity: 9 Litre

Features

- Deep drawn container made of high tensile cold rolled sheet.
- Minimum welding points to give attractive appearance.
- **"UFS"** Extinguisher pressurized to 15 bar and 100% leakage tested.
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the body.
- Easy operation, maintenance, refilling and service.
- The easy squeeze grip type control valve provides for quick activation of the extinguisher.
- **"UFS"** extinguishers designed in compliance with BIS Standards.



Technical Specifications

Capacity (Ltr)	9 ltr
Body material	Mild steel sheet
Body sheet thickness (mm)	1.7 to 1.8 mm
Extinguishing agent	water
Propelling gas Nitrogen (N2)	15 bar
Discharge time (sec.)	Minimum 13 sec.
Service pressure	15 – 19 bar
Hydraulic test pressure	35 bar
Operating temperature	+5° C to +55° C
Body burst pressure	Minimum 55 bar
Propelling AFFF foam (6% concentrate)	540 ml
Hose length (mm)	Minimum 400 mm
Discharge throw (meter)	2 – 5 mtr
Dimension (OD)mm	175 mm
Fire Rating	2A & 13B





MECHANICAL FOAM BASED FIRE EXTINGUISHER TROLLEY MOUNTED (GAS CARTRIDGE)

Applications

- **"UFS"** mechanical foam based gas cartridge fire extinguishers are suitable for A & B fire classes such as ordinary combustible materials and flammable liquids.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.

Features

- Minimum welding points to give attractive appearance.
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the body
- **"UFS"** extinguishers are 100 % leakage tested.
- Easy operation, maintenance, refilling and service.
- **"UFS"** extinguishers designed in compliance with BIS Standards.

Capacity: 50 Litre



Technical Specifications

Capacity (Ltr)	50 ltr
Extinguishing agent	water
Discharge time (sec)	60 sec.
Range of jet throw (meter)	10 mtr
Hose length (meter)	3 mtr
Hose bore (mm)	19 mm
Hydraulic pressure test	30 kgf/cm ²
Hydraulic burst test	45 kgf/cm ²
Gas cartridge (CO ₂)	300 gms
Wheeled carriage	As per standard
Propelling - AFFF foam (6% concentrate)	3 ltr
Dimension (OD) mm	300 mm





CARBON DIOXIDE FIRE EXTINGUISHER TROLLEY MOUNTED TYPE

Applications

- "UFS" Carbon dioxide fire extinguishers are designed to protect area where class B & C (flammable liquids and gases) or class C (energized electrical equipment) fires could occur.
- They may be used indoors where winds and drafts do not affect discharge.

Features

- Simple operation and maintenance.
- The ring pin and visual seal help prevent unwanted discharge of the extinguisher.
- The discharge valve wheel type provides for good performance of the extinguisher.
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the body.
- Non-corrosive, non-conductive, extinguishing agent.
- Easy refilling and service.
- "UFS" extinguishers designed in compliance with BIS Standards.



Technical Specifications

Capacity (Kg)	6.5 Kg	9.0 Kg	22.5 Kg
Extinguishing agent	Liquefied gas(CO ₂)	Liquefied gas(CO ₂)	Liquefied gas(CO ₂)
Gas filling ratio	0.667 % per kg	0.667 % per kg	0.667 % per kg
Fire rating	55 B	70 B	89 B
Discharge time (sec.)	10 – 20 sec.	15 – 36 sec.	20 – 60 sec.
Operating temperature	-30° C to +55° C	-30° C to +55° C	-30° C to +55° C
Hose length (mtr)	1 mtr	2 mtr	5 mtr
Hose burst pressure	140 kgf/cm ²	140 kgf/cm ²	140 kgf/cm ²
Dimension (OD) mm	140 mm	140 mm	235 mm
Hydraulic pressure test	250 kgf/cm ²	250 kgf/cm ²	250 kgf/cm ²
Wheeled carriage	As per standard	As per standard	As per standard





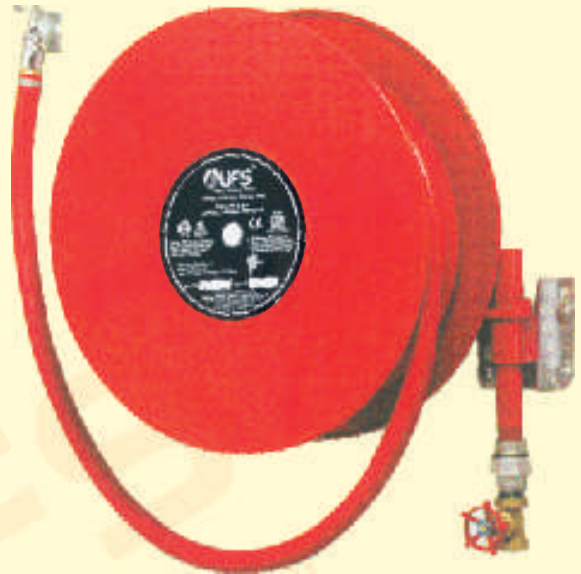
HOSE REEL DRUM FOR FIRE FIGHTING

Applications

- **"UFS"** hose reels are recommended for use in fixed installations for various Premises and also as an equipment to the fire engines. It is an equipment consisting of the reel, water inlet pipe, shut off nozzle, stop valve with hose reel tubing and provides a most effective fire fighting facility.

Features

- The hose reel consist of following components :
 - a) Hub
 - b) Two sides
- The epoxy powder coating of 50 to 90 micron thickness provides inner & outer surface of the sides.
- Swinging In case of type A hose reel swivel joints(s) shall be incorporated in the construction to enable the users to swing the hose reel by 180 degrees while pulling the hose in either direction.
- Reel Action - In case of both type A & B hose reels it shall be possible to easily and smoothly unwind the hose by pulling the hose end having nozzle fitted to it. Also shall be easy to wind up the hose when done with.



Technical Specifications

Hose reel length (mtr)	30 mtr
Hose reel out side dia (mm)	25 mm
Hose reel bore	20 mm
Dia of hub (mm)	200 mm
Width of hub (mm)	230 mm
Dia of sides (mm)	500 mm
Wall bracket length (mm)	200 mm
Centre distance of wall bracket holes Horizontal / Vertical (mm)	180 / 140 mm
Inlet connection stop valve dia (mm)	20 mm
Range of jet flow	24 ltr/minute
Range of jet throw	6 mtr



"Every Time Every Where"

FIRE KIT - 1 KG EASY ACTION HOME FIRE EXTINGUISHER



Applications

- "UFS" extinguishers are dry powder based.
- This is a new easy action design.
- Simple one handed operation fire extinguisher for small domestic fires.



FIRE BLANKET

Applications

- Used in minitype fire stopping, escape and aids.
- Home, industrial and police applications.

Features

- Fire blanket clothes are protective for the safety of human beings, properties, for helping people to escape from the fire accidents, for dodging the fire in the petrol fields, gas station, for welding and incising spark protection, and for industry and electronic parts heating protection. They are small in size, light in weight, easy to use, good performance on putting out the fire, environmental protection and other incomparable excellence with the common fire extinguisher.

QUALITY CONTROL - TESTING FACILITIES



PRESSURE CYCLING TEST



CRUSHING TEST



EXTERNAL CORROSION TEST



RESISTANCE TO IMPACT TEST



DEEP FREEZER



OVEN



SAFETY LOCKING DEVICES



TAPPING TEST



RESISTANCE TO VIBRATION



HYDRO TEST

MANUFACTURING FACILITY



Phosphating Unit



Powder Coating Oven



Powder Coating Outer



Powder Coating Inner N₂ Filling Machine



Label Printing Machine



Powder Filling Machine



Welding Machine



Semi Finished



"Every Time Every Where"

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