



A Range of Complete Fire Protection

# FIRE PROTECTION SYSTEMS



# FIRE PROTECTION SYSTEMS

IS-10658



## Dry Powder Trolley Mounted Fire Extinguisher



### TECHNICAL SPECIFICATIONS

SPECIFICATIONS	TROLLEY MOUNTED		
	10658	10658	10658
Conforming IS Specifications	10658	10658	10658
Capacity (Kg)	25	50	75
Type of Fire Extinguisher	BC / ABC	BC / ABC	BC / ABC
Type of Extinguishing Media	Dry Chemical Powder	Dry Chemical Powder	Dry Chemical Powder
Min. Effective Discharge (%)	85	85	85
Min. Effective Discharge Time (Sec)	20 to 30	40 to 50	50 to 60
Min. Throw (Mtr)	6	8	10
Hydraulic Test Pressure (Kgf/cm <sup>2</sup> )	30	30	30
Also available in UL listed powder			

#### Application

Class A Fire : Wood, Textiles, Paper, Clothes, Cotton mill, Jute mill etc.

Class B Fire : Petroleum oil, Diesel paint, Varnish, Solvent, Aviation fuel, Flammable and volatile liquids etc.

Class C Fire : Flammable gases, Live electrical equipments, Industrial gases, Electrical installation, Power Grid etc.

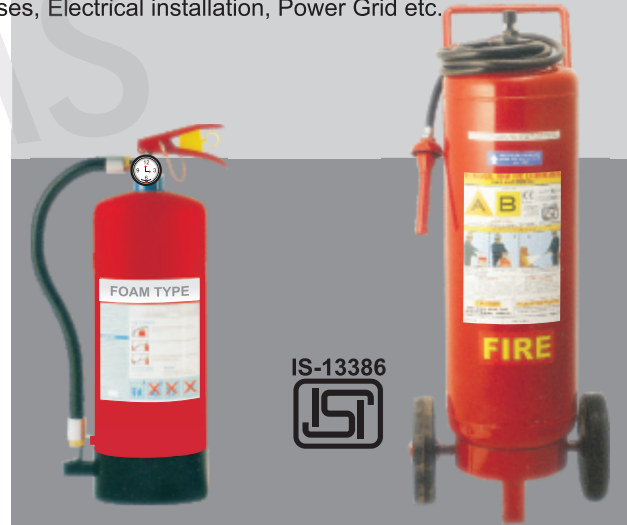
Also available : 150 Kg & 300 Kg

## Mechanical Foam Type portable & Trolley Mounted Fire Extinguisher

IS-15683



IS-13386



### TECHNICAL SPECIFICATIONS

SPECIFICATIONS	TROLLEY MOUNTED		
	15683	15683	13386
Conforming IS Specifications	15683	15683	13386
Capacity (Kg)	6	9	50
Type of Fire Extinguisher	Constant Pressure / Gas Cartridge	Constant Pressure / Gas Cartridge	Internal/ External Gas Cartridge 300 gm (IS 4974) / 2 Kg
Type of extinguisher media	Water & Aff	Water & Aff	Water & Aff
Min Effective Discharge (%)	95	95	90
Min Effective Discharge Time(Sec)	More than 13 sec.	More than 13 sec.	60
Min Throw (Mtr)	More than 2 mtr.	More than 2-5 mtr.	10 mtr.
Hydraulic Test Pressure (Kgf/cm <sup>2</sup> )	35 Kgf/cm <sup>2</sup>	35 Kgf/cm <sup>2</sup>	30 Kgf/cm <sup>2</sup>

#### Application :-

Class A Fire : Wood, Textiles, Paper, Clothes, Cotton mill, Jute mill etc.

Caution : Do not use on Electrical & Oil Fire

# FIRE PROTECTION SYSTEMS

## Clean Agent Fire Extinguisher (Stored Pressure) PORTABLE Type

### TECHNICAL SPECIFICATIONS

SPECIFICATIONS		
Capacity	2 Kg	4 Kg
Body Material	Mild Steel sheet	Mild Steel sheet
Body Sheet Thickness (mm)	1.5 mm	1.5 mm
Extinguishing Agent	Liquified gas	Liquified gas
Service Pressure	15-19 Bar	15-19 Bar
Test Pressure	35 Bar	35 Bar
Body Burst Pressure	Minimum 55 Bar	Minimum 55 Bar
Discharge time (Sec)	Minimum 8 Sec	Minimum 8 Sec
Discharge Throw (Meter)	1-2	2-4

IS-15683



2 Kg

4 Kg

## Short Branch Pipe with Nozzle

Technical Details	
Material	Gun Metal/Stainless Steel/ Aluminum Alloy
Size	63 mm
Performance Test	Hydraulic Test : 21 Kg/cm <sup>2</sup>
IS	903

IS-903



## Fire Hose Delivery Coupling (Male - Female Instantaneous Type)

Technical Details	
Material	Gun Metal/Stainless Steel/ Aluminum Alloy
Size	63 mm
Performance Test	Hydraulic Test : 21 Kg/cm <sup>2</sup>
IS	903

IS-903



# FIRE PROTECTION SYSTEMS

## Landing Valve Single Outlet (OBLIQUE PATTERN) Type A

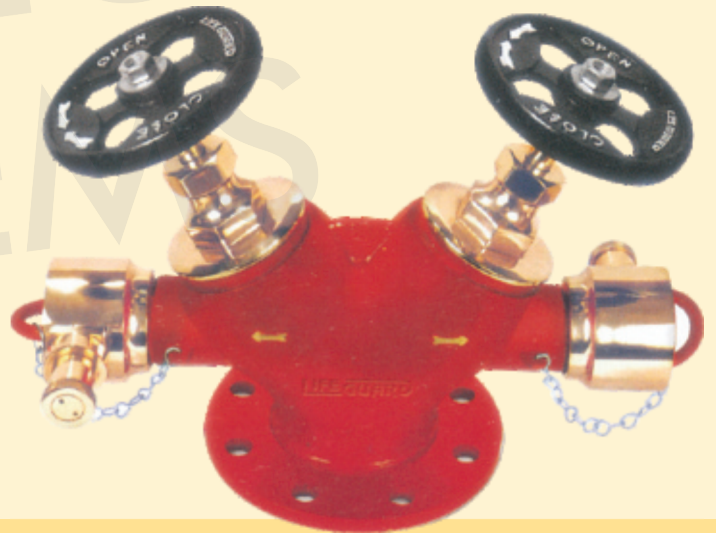
Material : Gun Metal/Stainless Steel/Aluminium Alloy  
Inlet Flanged : 75mm NB - 200mm OD - 160mm PCD  
Hydraulic Test : 21 Kgf/cm<sup>2</sup>  
Water Tightness Test : 14 Kgf/cm<sup>2</sup>  
Flow Test : Min 900 LPM at 7 Kgf/cm<sup>2</sup>  
IS : 5290 ISI Marked Bureau of Indian Standards



IS-5290  


## Landing Valve Double Outlet Type B

Material : Gun Metal/Stainless Steel/Aluminium Alloy  
Inlet Flanged : 100 mm NB, 220mm OD, 180 mm PCD  
Hydraulic Test : 21 Kgf/cm<sup>2</sup>  
Water Tightness Test : 14 Kgf/cm<sup>2</sup>  
Flow Test : Min 1800 LPM at 7 Kgf/cm<sup>2</sup>  
IS : 5290 ISI Marked Bureau of Indian Standards



IS-5290  




## Fire Hose Cabinet / Fire Hose Box

Material : Mild Steel

Thickness : 14-18 SWG

Glass Thickness : 4-6 MM

Size (in mm) : 450 x 450 x 255

Size (in mm) : 600 x 600 x 255

Size (in mm) : 750 x 600 x 255

Size (in mm) : 900 x 600 x 255

Size (in mm) : 1200 x 900 x 450

Size (in mm) : 1800 x 100 x 300

... and many more ... available as per client requirement

# FIRE PROTECTION SYSTEMS

IS-15683



## Powder Portable Fire Extinguisher (Stored Pressure/Gas Cartridge Type)



### TECHNICAL SPECIFICATIONS

SPECIFICATIONS	PORTABLE				
Conforming IS Specifications	15683	15683	15683	15683	15683
Capacity (Kg)	1	2	4	6	9
Type of Fire Extinguisher	Constant Pressure	Constant Pressure	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge
Type of Extinguisher Media	Dry Power 14609/IS4308	Dry Power 14609/IS4308	Dry Power 14609/IS4308	Dry Power 14609/IS4308	Dry Power 14609/IS4308
Min Effective Discharge (%)	85	85	85	85	85
Min Effective Discharge Time (Sec )	More than 8 Sec.	More than 8 Sec.	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.
Min Throw (Mtr)	More than 2 Mtr.	More than 2 Mtr.	More than 2-3 Mtr.	More than 2-5 Mtr.	More than 2-6 Mtr.
Hydraulic Test Pressure(Kgf/cm <sup>2</sup> )	35 BAR	35 BAR	35 BAR	35 BAR	35 BAR
Also available in UL listed powder					

#### Application

Class A Fire : Wood, Textiles, Paper, Clothes, Cotton mill, Jute mill etc.

Class B Fire : Petroleum oil, Diesel paint, Varnish, Solvent, Aviation fuel, Flammable and volatile liquids etc.

Class C Fire : Flammable gases, Live electrical equipments, Industrial gases, Electrical installation, Power Grid etc.

# FIRE PROTECTION SYSTEMS

## Carbon Di-oxide Portable & Trolley Mounted Fire Extinguisher

### TECHNICAL SPECIFICATIONS

SPECIFICATIONS	PORTABLE			TROLLEY MOUNED		
	15683	15683	15683	2878	2878	2878
Conforming IS Specifications	15683	15683	15683	2878	2878	2878
Capacity (Kg)	2	3	4.5	6.5	9	22.5
Type of Fire Extinguisher	CO <sub>2</sub> TYPE	CO <sub>2</sub> TYPE	CO <sub>2</sub> TYPE	CO <sub>2</sub> TYPE	CO <sub>2</sub> TYPE	CO <sub>2</sub> TYPE
Type of Extinguisher Media	CO <sub>2</sub> Gas	CO <sub>2</sub> Gas	CO <sub>2</sub> Gas	CO <sub>2</sub> Gas	CO <sub>2</sub> Gas	CO <sub>2</sub> Gas
Min Effective Discharge (%)	95	95	95	95	95	95
Min Effective Discharge Time (Sec)	More than 8	More than 8	More than 8	10 to 20	15 to 36	20 to 60
Min Throw (Mtr)	1	1	2	–	–	–
Test Pressure BAR	250 BAR	250 BAR	250 BAR	250 BAR	250 BAR	250 BAR

#### Application

Class B Fire : Petroleum, Paint, Varnish, Aviation fuel, Flammable and volatile liquids etc.

Class C Fire : Flammable gases, Live electrical equipments, Industrial gases, Electrical installation, Power Grid etc.

## WATER Type Portable & Trolley Mounted Fire Extinguisher

### TECHNICAL SPECIFICATIONS

SPECIFICATIONS	WATER TYPE & TROLLEY MOUNTED		
	15683	15683	13385
Conforming IS Specifications	15683	15683	13385
Capacity (Kg)	6	9	50
Type of Fire Extinguisher	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge	Internal/External Gas Cartridge 300 gm (IS 4974)/2 Kg
Type of Extinguisher Media	Soft water	Soft water	Soft water
Min Effective Discharge (%)	95	95	95
Min Effective Discharge Time (Sec)	More than 13	More than 13	60 to 80
Min. Throw (Mtr)	More than 2	More than 2	10
Hydraulic Test Pressure (Kgf/cm <sup>2</sup> )	30	30	30

#### Application

Class A Fire : Wood, Textiles, Paper, Clothes, Cotton mill, Jute mill etc.

Caution : Do not use on Electrical & Oil fire



# FIRE PROTECTION SYSTEMS

## First AID Hose Reel

Type A Swinging : ( 180\* Wall Mounting )

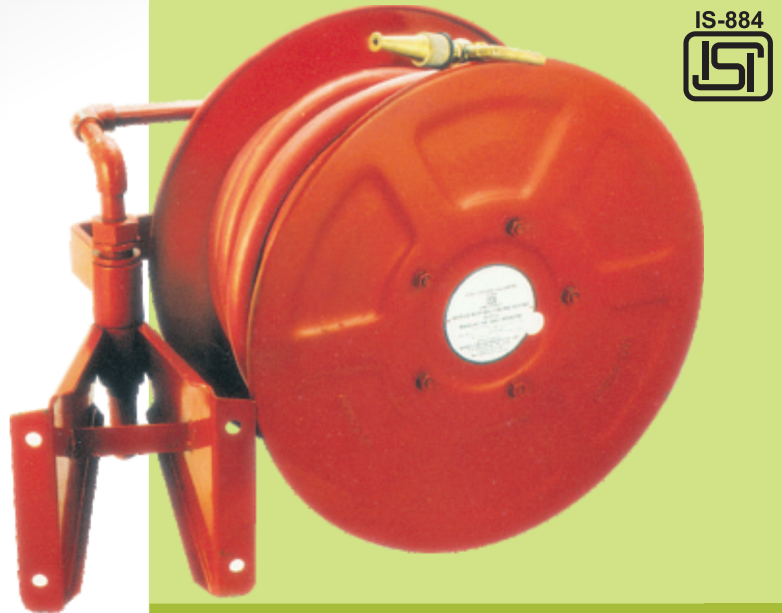
Nozzle IS : 8090-1976

Side Dice : Dia 500mm

Hub Width : 230mm

Thickness of Drum 1.63mm

Material Used MS Sheet IS : 513-1973



## Suction Collecting Head (Fire Brigade Inlet Connection)

2 Way, 3 way, 4 way

Material : Gun Metal/Cast Iron

Size : 63 Dia Male Instantaneous with Non Return Valve

IS as per IS : 904



## Fire Hose with Delivery Coupling (Male-Female Instantaneous Type)

Material : Gun Metal/Stainless Steel/Aluminium Alloy

Size : 63 MM

Performance Test Hydraulic Test : 21 Kgf/cm<sup>2</sup>

IS : 903



Co2 Supperation System & Accessories



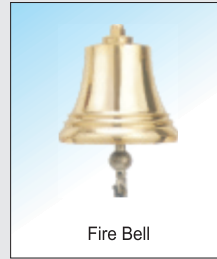
Trailer Mounted Fire Extinguisher



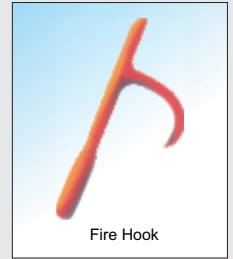
Foam Ejector & Nozzle



Water / Foam Monitor



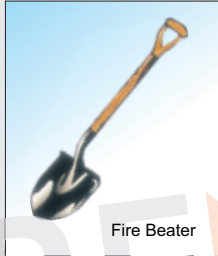
Fire Bell



Fire Hook



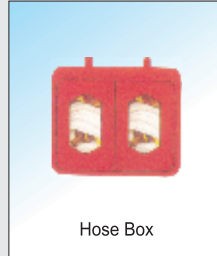
Fire Hose



Fire Beater



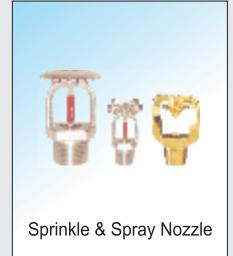
Rope Ladder



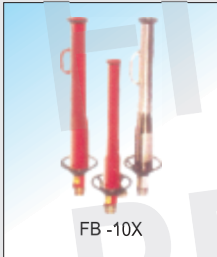
Hose Box



G.M. Draw & Spray Nozzle



Sprinkle & Spray Nozzle



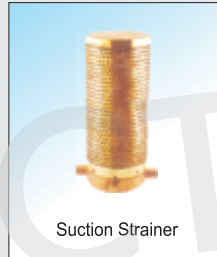
FB -10X



FB - 5X



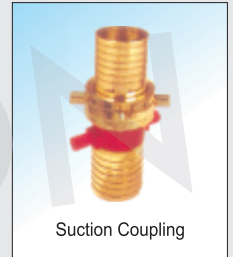
Dividing Breaching



Suction Strainer



Foot Valve



Suction Coupling



Revolving



Fog Nozzle



Triple Purpose Nozzle



Double Male



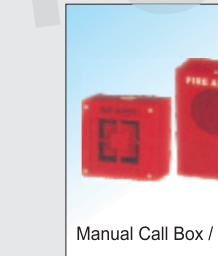
Gun Metal Adaptor



Electric Siren



Manual Sire (Hand Operated)



Manual Call Box / Hooter



Smoke Detector



Fire Man Axe



Fire man Helmet



Fire Bucket Stand

Fire Bucket



Glow Signs

Marketed/Serviceed by:

**FIRE PROTECTION SYSTEMS**

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