



# GETECH<sup>®</sup>

*For A Safer Solution*

JAS-ANZ



ISO 9001 : 2008 Certified Co.

# CE

<sup>®</sup>

# GETECH

MANUFACTURERS OF FIRE

PROTECTION EQUIPMENTS

GETECH, the first in North India, manufacturing factory was first opened in Delhi & Since this time GETECH has developed a strong trustworthy reputation for quality & reliability. GETECH is committed to using best practice knowledge & global experience & take a proactive continuous improvement approach to broaden & enhance the service to customer.

Our website is designed to introduce you to the company in the forefront of fire Equipments manufacturing engineering which offering latest fire fighting equipments.

Our Strengths are underpinned by a global infrastructure, a highly skilled & experienced workforce & a diverse range of quality products & service.

GETECH is part of FIRE FIGHTING EQUIPMENT Committee of Bureau of Indian Standards.

GETECH Committed to:

Customer, Service that consistently delivers quality products & services on time & on budget  
Research & development to create innovative products that result in cost effective for our customers. A Safe and friendly working environment for all employees, customers & visitors.

We carry a wide range of products & can offer you competitive price on any fire safety equipment you may require.

Registered with other institution:

Small Scale Industries (SSI)

Approvals:

BIS (Bureau of Indian Standards)

ISO 9001:2008 Certified

## Landing Valve

Type - A

IS : 5290

Type - B



### SELECTION OPTIONS :

GUN METAL	1year warranty
STAINLESS STEEL	10 years warranty
Aluminium Alloy Pressure Die Casting	1year warranty
C.I. BODY with Gun metal w. Parts	1year warranty
<b>Extra Advantage of stainless Steel</b>	
<ul style="list-style-type: none"> <li>• Long Life, No Breakages.</li> <li>• As Stainless Steel's no resale value, less prone to theft.</li> <li>• Excellent Corrosion Resistance to atmosphere/Gases.</li> </ul>	



Material : Gun Metal, Stainless Steel & Aluminium Alloy  
 Size : 75 NB x 63 Female single outlet  
 Performance Test :  
 • Hydraulic Test : 21kgf/cm<sup>2</sup>  
 • Water Test : Water tightness 14 kgf/cm<sup>2</sup>  
 • Flow test : 900 LPM at 7 kgf/cm<sup>2</sup>  
 Approval : ISI Marked from Bureau of Indian Standards.

Material : Gun Metal, Stainless Steel & Aluminium Alloy  
 Size : 100 NB x 63 Female double outlet  
 Performance Test :  
 • Hydraulic Test : 21kgf/cm<sup>2</sup>  
 • Water Test : Water tightness 14 kgf/cm<sup>2</sup>  
 • Flow test : 1800 LPM at 7 kgf/cm<sup>2</sup>  
 Approval : ISI Marked from Bureau of Indian Standards.

## Fire Hose Delivery Coupling

IS : 903



### SELECTION OPTIONS :

GUN METAL	1year warranty
STAINLESS STEEL	10 years warranty
Aluminium Alloy	1year warranty
<b>Extra Advantage of stainless Steel</b>	
<ul style="list-style-type: none"> <li>• Long Life, No Breakages.</li> <li>• As Stainless Steel's no resale value, less prone to theft.</li> <li>• Excellent Corrosion Resistance to atmosphere/Gases.</li> </ul>	

IS : 903



Material : Gun Metal, Stainless Steel & Aluminium Alloy  
 Size : 63mm dia  
 Performance Test :  
 • Hydraulic Test : 21Kgf/cm<sup>2</sup>  
 Approval : ISI Marked from Bureau of Indian Standards

Material : Gun Metal, Stainless Steel & Aluminium Alloy  
 Size : 63mm  
 Nozzle : 12mm to 20mm dia for ISI marked  
 Performance Test :  
 • Hydraulic Test : 21Kgf/cm<sup>2</sup>  
 Approval : ISI Marked from Bureau of Indian Standards

## First Aid Hose Reel with Nozzle

**IS : 884**

### GENERAL SPECIFICATIONS

- |                       |   |
|-----------------------|---|
| (i) Type "A",         | : Swinging (180° wall mounting)         |
| (i) Nozzle            | : IS: 8090-1976                         |
| (ii) Hose Reel tubing | : Hydraulic Rubber Hose IS : 444 - 1980 |
| (iii) Manufactured    | : as per IS : 884/85                    |



### PERFORMANCE TEST

- |                        |                          |
|------------------------|--------------------------|
| (i) Water Flow rate    | : 24 Lpm                 |
| (ii) Jet Length        | : 6mts Min.              |
| (iii) Working pressure | : 7kgf/cm <sup>2</sup>   |
| (iv) Test pressure     | : 10.5kg/cm <sup>2</sup> |

## Fire Brigade Inlet

**IS : 904**

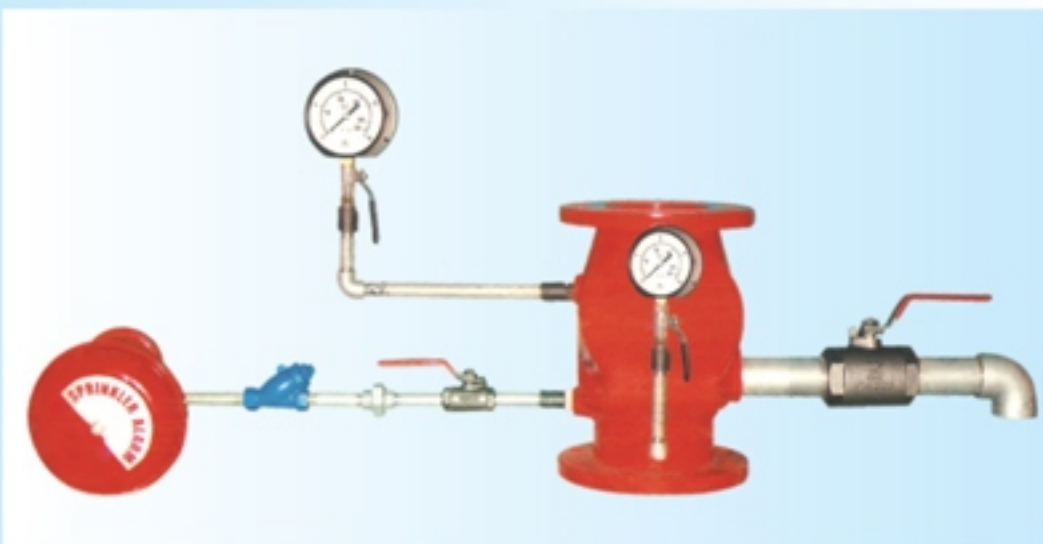


- |                  |  |
|------------------|--|
| Material         | : Gun Metal, Stainless Steel & C.I. Body             |
| Size             | : 2, 3, 4 way with male NRV.                         |
| Performance Test | : Hydraulic test at 21Kgf/cm <sup>2</sup> for 2 min. |

### SELECTION OPTIONS :

GUN METAL	1year warranty
STAINLESS STEEL	10 years warranty
Cast Iron	1year warranty
<b>Extra Advantage of stainless Steel</b>	
<ul style="list-style-type: none"> <li>• Long Life, No Breakages.</li> <li>• As Stainless Steel's no resale value, less prone to theft.</li> <li>• Excellent Corrosion Resistance to atmosphere/Gases.</li> </ul>	

## Alarm Valve System With Accessories



- For automatic wet sprinkler alarm system.
- Cast iron body with Bronze intervals.
- Size : 100 & 150 mm ( 4" & 6" ).
- Rated for 175 psi (12.0 bar) service pressure or with retard chamber for variable pressure.
- Rubber-to-metal positive sealing and grooved seat design for possible water flow for alarm operation.
- Flanged connection - ANSI B 16.1
- Maximum service pressure - 12.0 bar (175 psi).
- Epoxy-coated on both internal & external surface for extra protection.

## GETECH/DSS Sprinklers

**THE FIRST  MARK SPRINKLER IN INDIA**

### APPROVAL ISI & C.B.R.I. ROORKEE

GETECH/DSS Sprinklers available in sizes of 15 mm & 25 mm in Pendent, Upright & Side Wall Type



#### Nominal Operating Temperature & Colour Code

57°C (135°F)	–	Orange
68°C (155°F)	–	Red
79°C (175°F)	–	Yellow
93°C (200°F)	–	Green
141°C (286°F)	–	Blue
182°C (360°F)	–	Mauve

## Spray Nozzle

### Medium Velocity Spray Nozzle



Material : Forged Brass & Stainless Steel  
Size : ½" BSPT or NPT  
Performance : Open orifice design used in water system Non-automatic fixed pattern, external deflector Solid cone discharge Different orifice sizes and spray angles  
K-factor : 18, 25, 32, 47, 51, 79 & 120  
Spray angle : 75°, 80°, 85°, 90°, 100°, 120° & 135°  
Finishing : Natural & Chrome plated

### High Velocity Spray Nozzle



Material : Brass & Stainless Steel  
Size : ¾" BSPT/ NPT Connection  
Performance : Non-automatic, open orifice, directional spray nozzle for high velocity water application for protection of flammable liquid and electric transformers  
K-factor : 18, 25, 32 & 47,  
Spray angle : 75°, 80°, 85°, & 90°  
Finishing : Natural & Chrome plated

## Water Cum Foam Monitor

IS : 8442



**GENERAL SPECIFICATIONS** : (i) Water-cum-foam Monitor  
: (ii) Manufactured as IS: 8442

**MATERIAL** : Seamless Steel Tubes.

**PERFORMANCE TEST**

(i) Flow rate : (2700 Ltr./M)  
(ii) Working pressure : 7kgf/cm<sup>2</sup>  
(iii) Vertical Jet Length : 25 to 30 metres  
(iv) Horizontal Length : 50 to 55 metres  
(v) Rotation : 360° Elevation- + 105°-20°

**Applications** : Oil Sector refineries,  
Chemical Plants, Fertilizers etc.

## Hose Box

- Material : Mild Steel Sheet as per requirement  
Glass in Front.
- Size (mm) : (a) 750x600x250  
(b) 900x600x500  
(c) 1500 x900x600  
(d) 2100x1200x600
- Warranty : 1 Year from the date of supply



## Dual Pressure Light Weight Nozzle

Newly developed dual force nozzle. The ultimate for arresting and extinguishing the toughest of interior fires.

### UNIQUE FEATURES :

- Emergency low pressure operation with a twist of the knob, enabling over from high pressure mode 7kgf/cm<sup>2</sup>, to low pressure mode. Instantly upto 50% less pressure, whilst maintaining the stream and increased flow. Similarly vice-a-versa. The greatest advantage of this unique function is allowing change in operating pressure, as demanded by the situation.
- Moulded Rubber Grip with flexible fog teeth creates thick fog pattern, providing maximum heat absorption. Whilst fully protecting the fireman, this also prevents damage through impact.
- Sliding valve designed for easy operating under pressure, allows turbulence-free flow from any position.
- Merallic pistol grip handle designed for greater comfort and control to fire fighters.
- Stainless steel net protects the nozzle from foreign particles entering.



## Stand Post

### 2 Way Fire Hydrant



Its body is 2 way C S Fabricated. Its inlet is 4" Flanged and outlet is 2-2 ½" flanged with Landing Valves. Its working pressure is 7 to 10 Kgf/cm<sup>2</sup> and test pressure is 21Kgf/cm<sup>2</sup>

### Hydrant with Monitor



Its body is CS. Its inlet is 6" Flanged and outlet is two instantaneous and one 4" flanged outlet for Monitor.

## Foam Nozzle

**Model - A**



Its inlet connection is 2 ½" instantaneous. Its foam expansion is 8 to 10 times and Max working pressure is 7 to 10 Kgf/cm<sup>2</sup>. It is available in Aluminium Alloy material type.

Without In-built foam Inductor 60 GPM 18

**Model - B**



Its inlet connection is 2 ½" instantaneous. Its foam expansion is 8 to 10 times and Max working pressure is 7 to 10 Kgf/cm<sup>2</sup>. It is available in Aluminium Alloy or Stainless Steel material type.

Without In-built foam Inductor 60 GPM 18

## Fire Man Axe

Fireman Axe is a multipurpose tool for fire fighting use. Made from forged steel, the axe has a rubber insulated handle, tested to 20,000 volts.



## Fire Pumps



Our organization deals in offering a vast range of Fire Pump that help the water under pressure at all times in the fire protection system. High durability, excellent performance and low maintenance are some of the features for which these products are widely appreciated. For the maintenance of superior quality, high-tech technology is used in the production process.

Output 275 Ltr. per minute at 4 kgf/cm<sup>2</sup> as per IS:942/82

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Authorised Distributor :



Website: [www.getech.in](http://www.getech.in)

# GETECH<sup>®</sup>

*For A Safer Solution*

**SAFER** complies to all Govt. norms

**ECONOMICAL** for your pocket

**BETTER** performance

**TRUSTED** by people



An ISO 9001-2008 Certified Company  
GETECH FIRE PROTECTION & SAFETY CONTROL SYSTEM

This division of P.D. Sharma forms one of the India's foremost fire protection organisations. GETECH, the first in North India, manufacturing industry was opened in Delhi. GETECH is widely respected for the quality and reliability of fire detection, hazard sensing and fire extinguishing products supplied to various industry, commerce and consumer. The operating strength of the division is underpinned by a substantial commitment to research and development.

GETECH is a part of FIRE PROTECTION AND SAFETY CONTROL SYSTEM committee of Bureau of Indian Standards.

**GETECH Committed to:**

Customer, Service that consistently delivers quality products & services on time & on budget  
Research & development to create innovative products that result in cost effective for our customers.

A Safe and friendly working environment for all employees, customers & visitors.

We carry a wide range of products & can offer you competitive price on any fire safety equipment you may require.

**Registered with other institution:**

National Small Scale Industries Corp. Ltd. (NSIC)

Small Scale Industries (SSI)

**Approvals:**

BIS (Bureau of Indian Standards)

DGMS (Directorate General of Mines & Safety)

ISO 9001:2008 Certified

**GETECH<sup>®</sup>**  
*For A Safer Solution*



# DRY POWDER ABC STORED PRESSURE

IS:15683-2006



CM/L-9906804

## PRODUCT DETAILS

Type of Extinguisher	ABC Squeeze Grip Type (Stored Pressure)		
Extinguisher Media	ABC Powder as per IS:14609		
Operating Temp. Range	(-) 10° C to (+) 55° C		
Fire Rating Model	Capacity	Rating	Model
	2 Kg.	1A:8B:C	ABC 02
	4 Kg.	1A:13B:C	ABC 04
	6 Kg.	2A:21B:C	ABC 06
Discharge Time & Throw	Capacity	Time (Min.)	Throw (Meter)
	2 Kg.	8 Sec.	1 Meter
	4 Kg.	8 Sec.	3 Meter
	6 Kg.	13 Sec.	4 Meter
Application	Capacity	Time (Min.)	Throw (Meter)
	9 Kg.	13 Sec.	4 Meter
	Ideal for Offices, Schools, Theaters, Hospitals, Departmental Stores, factories, Houses, Laboratories etc.		
	Approval		
ISI Marked as per IS 15683:2006			

## METHOD OF OPERATIONS



# DRY POWDER BC FIRE EXTINGUISHER

IS:15683-2006



CM/L-9906804

## PRODUCT DETAILS

Type of Extinguisher	BC Squeeze Grip Type (Cartridge Type)		
Extinguisher Media	BC Powder as per IS:4308-2003		
Operating Temp. Range	(-) 10° C to (+) 55° C		
Fire Rating Model	Capacity	Rating	Model
	4 Kg.	13B:C	BC 04
	6 Kg.	21B:C	BC 06
	9 Kg.	34B:C	BC 09
Discharge Time & Throw	Capacity	Time (Min.)	Throw (Meter)
	4 Kg.	8 Sec.	3 Meter
	6 Kg.	13 Sec.	4 Meter
	9 Kg.	13 Sec.	4 Meter
Application	Capacity	Time (Min.)	Throw (Meter)
	Ideal for Storage Area of LPG, Petrol, Acetylene, Solvent, electrical Equipments etc.		
	Approval		
	ISI Marked as per IS 15683:2006		

## METHOD OF OPERATIONS



# CLEAN AGENT FIRE EXTINGUISHER STORED PRESSURE

IS:15683-2006



CM/L-9906804

## PRODUCT DETAILS



Type of Extinguisher	Clean Agent Type (Stored Pressure)		
Extinguisher Media	NAF PIV, HCFC & HFC227ea as per IS:15493		
Operating Temp. Range	(-) 30° C to (+) 55° C		
Fire Rating Model	Capacity	Rating	Model
	1 Kg.	8 B	HFC 01
	2 Kg.	8 B	HFC 02
	4 Kg.	1A:13B	HFC 04
Discharge Time & Throw	Capacity	Time (Min.)	Throw (Meter)
	1 Kg.	8 Sec.	1 Meter
	2 Kg.	8 Sec.	2 Meter
	4 Kg.	10 Sec.	2 Meter
Application	Ideal for Hospitals, Clinical Lab, Bank, Metro Train & Station, Currency Chest, Electrical & Electrical Panel etc.		
	Approval		
ISI Marked as per IS 15683:2006			

# AUTOMATIC FIRE EXTINGUISHER (MODULAR) Clean Agent/Dry Powder



Modular Fire Extinguishers are an ideal solution for 24 x 7 protection against fire.

- Extinguishing Media : Clean Agent/Dry Powder
- Capacity : 5Kg. & 10Kg.
- Effective Discharge (%) : 95%
- Area Coverage : 3 Mtrs. approx.
- Type of Fire : "A", "B" & "C"
- Gas Storage Pressure : (Nominal)

## GETECH/DSS SPRINKLERS

**THE FIRST MARK SPRINKLER IN INDIA**

**APPROVAL ISI & C.B.R.I. ROORKEE**

IS:9972



CM/L-9910286

GETECH/DSS Sprinklers available in sizes of 15 mm & 25 mm in Pendent, Upright & Side Wall Type



### Nominal Operating Temperature & Colour Code

- 57°C (135°F) – Orange
- 68°C (155°F) – Red
- 79°C (175°F) – Yellow
- 93°C (200°F) – Green
- 141°C (286°F) – Blue
- 182°C (360°F) – Mauve

# WATER TYPE FIRE EXTINGUISHER

IS:15683-2006



CM/L-9906804



## PRODUCT DETAILS

Type of Extinguisher	Water Type Squeeze Grip Type (Cartridge Type)		
Extinguisher Media	Water		
Operating Temp. Range	(+) <sup>o</sup> 5° C to (+) <sup>o</sup> 55° C		
Fire Rating Model	Capacity	Rating	Model
	9 Ltr.	3 A	WT 09
Discharge Time & Throw	Capacity	Time (Min.)	Throw (Meter)
	9 Ltr.	13 Sec.	5 Meter Min.
Application	Ideal for Offices, Schools, Theaters, Hospitals, Departmental Stores, Store Rooms, Cotton Mills, Jute Mills, Rice Mills etc.		
Approval	ISI Marked as per IS 15683:2006		

NOT TO BE USED ON ELECTRICAL FIRE

## METHOD OF OPERATIONS



# MECHANICAL FOAM TYPE FIRE EXTINGUISHER

IS:15683-2006



CM/L-9906804



## PRODUCT DETAILS

Type of Extinguisher	Mechanical Foam Squeeze Grip Type (Cartridge Type)		
Extinguisher Media	AFFF as per IS:4989 (Part-2)		
Operating Temp. Range	(+) <sup>o</sup> 5° C to (+) <sup>o</sup> 55° C		
Fire Rating Model	Capacity	Rating	Model
	9 Ltr.	3A:34B	AFFF 09
Discharge Time & Throw	Capacity	Time (Min.)	Throw (Meter)
	9 Ltr.	13 Sec.	5 Meter Min.
Application	Ideal for Paint Shop, Oil Fired Boiler Rooms Flammable Liquid Storage and Yards etc.		
Approval	ISI Marked as per IS 15683:2006		

NOT TO BE USED ON ELECTRICAL FIRE

## METHOD OF OPERATIONS



# C O<sub>2</sub> TYPE FIRE EXTINGUISHER

IS:15683-2006



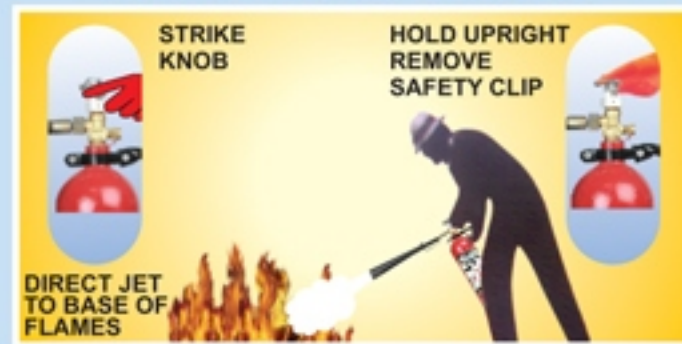
CM/L-9906804

## PRODUCT DETAILS

Type of Extinguisher	Co <sub>2</sub> Squeeze Grip Type/Wheel Type		
Extinguisher Media	Carbon Dioxide Gas as per IS:15222		
Operating Temp. Range	(-) 20° C to (+) 55° C		
Fire Rating Model	Capacity	Rating	Model
	2 Kg.	8B:C	CO 02
Discharge Time & Throw	4.5 Kg.	13B:C	CO 04.5
	Capacity	Time (Min.)	Throw (Meter)
Application	2 Kg.	8 Sec.	1 Meter
	4.5 Kg.	8 Sec.	1 Meter
Approval	Ideal for Inflammable Liquids, Gaseous & Electric fires, Oil Spillages, Live and Machineries etc.		
	ISI Marked as per IS 15683:2006		



## METHOD OF OPERATIONS



# TROLLEY TYPE CO<sub>2</sub> FIRE EXTINGUISHER

IS : 2878-1986

IS : 2878-2004
























CM/L-9655704

- ★ Capacity : 6.5, 9 & 22.5 Kg.
- ★ Extinguishing Media : Co<sub>2</sub>
- ★ Effective Discharge (%) : Min 95%.
- ★ Jet Length (Mts.) : 2-5 Mts.
- ★ Discharge Time (Sec.) : 18-24 sec.
- ★ Operation method : Upright
- ★ Type of Fire : "B" & "C" Class (Inflammable Liquids, Gases, Electrical Fire.)
- Test : Hydraulic Test Pressure 250 Bar.  
For 2.5 Minutes.
- Approval : Body, Valve, Discharge Hose ISI marked.
- Caution : Not to be used Wood, Paper & Cotton etc.
- Application : Ideal for Inflammable Liquids, Gaseous & Electric fires,  
Oil Spillages, Live and Machineries etc.

## METHOD OF OPERATIONS



## Suitability of Different Types of 'GETECH' Fire Extinguisher For Different Classes of Fires

TYPE		Water Type	Mechanical Foam Type	Co <sub>2</sub> Type	Dry Powder Cartridge Type	ABC Dry Powder (Stored Pressure)	Clean Agent Type
<b>CLASS OF FIRES</b>	<b>APPLICATION</b>	Ideal for Offices, Schools, Theaters, Hospitals, Departmental Stores, Store Rooms, Cotton Mills, Jute Mills, Rice Mills etc.	Ideal for Paint Shop, Oil Fired Boiler Rooms, Flammable Liquid, Storage & Yards etc.	Ideal for Inflammable Liquids Gaseous & Electric Fire, Oil Spillages Live with Machinery etc.	Ideal for Storage Area of LPG, Petrol, Acetylene, Ind., Solvent, Electrical Equipments, Electrical Transformers etc.	Ideal for Offices, Schools, Theaters, Hospitals, Departmental Stores, Factories, Electrical Installations, Hooses, Labs etc.	Ideal for Computer Centres, Data/Documents Storage Areas, Electronic Mfg. Museums, Laboratories, Currency Chest, Jewellery Shops, Control Room etc.
	Wood, Cotton, Paper, Dry items	 ✓	 ✓			 ✓	 ✓
	Petroleum Products Chemical Oils Paints		 ✓	 ✓	 ✓	 ✓	 ✓
	Inflammable Liquids, Gases, Electrical items			 ✓	 ✓	 ✓	 ✓
	Data/Documents Storage Areas, Electrical items					 ✓	 ✓

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*MANUFACTURED BY:*

**H. K. ENTERPRISES**

An ISO 9001:2008 Certified Co.

Plot No. 1725, M.I.E. Part-"B"

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