



**PRODUCT**  
**CATALOGUE**  
**FIRE FIGHTING SYSTEMS**

**KARTIK FIRE PROTECTION PVT. LTD.**

# ABOUT US



We are pleased to introduce ourselves as a house of manufacturing for fire safety products in the name of **"KARTIK"**.

KARTIK Fire Protections has emerged as one of the leading house of Fire Protection in India. A company to offer diversified portfolio of fire protection systems to protect the customers with its quality range of approved products. We are in constant lookout for enhancing the portfolio to serve the customer towards making a **"Fire Safe"** with Reliable Product.

We are committed to give the best fire protection solutions to our esteemed clients.

Our distribution network spreads to PAN India with the quality products which are reliable, low cost and are backed with warranty certification.

Very soon we would extend our services to domestic as well as commercial establishments. We are manufacturing fire extinguishers, fire alarm & detection systems on SST technology.

In 2017 we started our journey as **"Aarav Enterprises"** a house of complete fire protection and are widely accepted as the market leader in Industries of Bihar & Jharkhand. We are, now, expanding our wings under the new Banner and render our services on PAN-INDIA basis

We have an expert and dedicated Team from fire industries with a long experience and are ready to provide world class quality and reliable product at affordable price in the name of **"KARTIK"**.

# ABC/ BC Dry Powder Stored Pressure Type Fire Extinguishers



IS:15683



CM/L-2529155



We consider firefighting as a very critical job, that demands both knowledge and nerves. One should know the class of fire before dousing it, or else the fire extinguisher could do more damage than the fire itself.

## TECHNICAL SPECIFICATION - ABC/BC Type Fire Extinguisher

Model	AS-1	AS-2	AS-4	AS-6	AS-9	AS-25
CAPACITY IN KG	1 Kg.	2 Kgs.	4 Kgs.	6 Kgs.	9 Kgs.	25 Kgs.
Type Of Fire	BC/AB&C	BC/AB&C	BC/AB&C	BC/AB&C	BC/AB&C	BC/AB&C
Anti-Corrosive In-hibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Conforming IS code	15683	15683	15683	15683	15683	-
Type of Extinguishing Media	Dry Powder IS 4308	Dry Powder IS 4308	Dry Powder IS 4308	Dry Powder IS 4308	Dry Powder IS 4308	Dry Powder IS 4308
Expelling	Pressurized with N2 gas	Pressurized with N2 gas	Pressurized with N2 gas	Pressurized with N2 gas	Pressurized with N2 gas	Pressurized with N2 gas
Minimum Effective Discharge (%)	85	85	85	85	85	85
Minimum Jet Length (mtrs.)	More than 2mtr	More than 2mtr	More than 2mtr	More than 2mtr	More than 2mtr	More than 2mtr
Discharge Time (in Sec.)	More than 8 Sec.	More than 8 Sec.	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.	More than 30 Sec.
Hydraulic Test Pressure (in kgf/cm <sup>2</sup> )	35	35	35	35	35	35
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright
Operating Temperature Range (°C)	(-30 + 60)	(-30 + 60)	(-30 + 60)	(-30 + 60)	(-30 + 60)	0 to (+) 55
Operating Valve	Squeeze Grip with Nozzle	Squeeze Grip with Nozzle	Squeeze Grip with hose	Squeeze Grip with hose	Squeeze Grip with hose	Controllable Discharge
Fire Rating	1A & 21B	1A & 21B	2A,55B	3A,89B	4A,144B	6 A & 155B

\* ABC / BC Type Fire Extinguishers also available in Gas Cartridge Type.

# Carbon Dioxide Portable Fire Extinguisher ( Squeeze Grip / Wheel type)



## TECHNICAL SPECIFICATIONS

Model	ASC-2	ASC-4.5
CAPACITY IN KG	2 Kg.	4. Kgs.
Filling Ratio	0.667	0.667
Type of Extinguishing Media	Co2 Gas Conforming to IS:15222	Co2 Gas Conforming to IS:15222
Expellant	Self	Self
Minimum Effective Discharge (%)	95	95
Minimum Throw (in mtrs.)	More than 1mtr	More than 2mtr
Discharge Time (in Sec.)	More than 8 Sec.	More than 8 Sec.
Operating Position	Upright	Upright
Operating Temperature Range (°C)	(-30 + 60)	(-30 + 60)
Operating Valve (IS 3224)	Squeeze Grip /Wheel Type	Squeeze Grip /Wheel Type
Fire Rating	21B	34B



Electronic equipment in any organisation creates its backbone, as several daily activities depend on their proper function. Fire at such a place can not only result in to huge financial loss, but can also shutdown all business operations.

# Clean Agent Fire Extinguisher (Stored Pressure)

## TECHNICAL SPECIFICATIONS

Model	ACA-2	ACA-4
CAPACITY IN KG	2 Kg.	4 Kgs.
Anti-Corrosive In-hibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Type of Extinguishing Media	HCFC 123	HCFC 123
Expelling	Pressurized with N2 gas	Pressurized with N2 gas
Minimum Effective Discharge (%)	95	95
Minimum Jet Length (mtrs.)	More than 2mtr	More than 2mtr
Discharge Time (in Sec.)	More than 8 Sec.	More than 8 Sec.
Hydraulic Test Pressure (in kgf/cm <sup>2</sup> )	35	35
Operating Position	Upright	Upright
Operating Temperature Range (°C)	(-30 + 60)	(-30 + 60)
Operating Valve	Squeeze Grip with Nozzle	Squeeze Grip with Discharge Hose
Fire Rating	1A & 21B	1A & 34B



Although Carbon Dioxide fire extinguishers are Considered fine for use on electrical & electronic equipment, the ultra-sensitive equipment demand something more. Something that could go beyond the fire fighting strength of Carbon Dioxide, but stay ultra-light on the equipment

# Modular Automatic Fire Extinguisher



## TECHNICAL SPECIFICATIONS

Extinguishing Agent	ABC Dry Powder	ABC Dry Powder	ABC Dry Powder	Clean Agent	Clean Agent	Clean Agent
Capacity (in Kg)	5	10	15	5	10	15
Can Construction	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel
Automatic Activation Temperature (in Celsius)	68	68	68	68	68	68
Height (in Mm)	250	260	270	250	260	270
DIA (In mm)	240	250	265	240	250	265
Gross Weight (In kg)	8	14	19	8	14	19
Test Pressure (In kg/sq. cm)	35	35	35	35	35	35
Super Charge Pressure (In kg/sq. cm)	15	15	15	15	15	15
Discharge Time (In Seconds)	8	10	12	8	10	12
Area Coverage	4 sq. m	6 sq. m	8 sq. m	4 sq. m	6 sq. m	8 sq. m



Powered by ABC dry powder / Clean agent, these extinguishers can fight all types of fires with ease. Just install them where you find a potential risk of fire and they will actuate automatically in case the potential develops into reality.



## Water & Foam Portable Fire Extinguisher (Store Pressured)

### TECHNICAL SPECIFICATIONS

Model	AW-9	AFS-9
CAPACITY IN KG	9 Kg.	9 Kgs.
Anti-Corrosive In-hibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Type of Extinguishing Media	Soft Water	S. W. /AFFF Foam IS4989
Expelling	Pressurized with N2 gas	Pressurized with N2 gas
Minimum Effective Discharge (%)	95	95
Minimum Jet Length (mtrs.)	More than 2mtr	More than 2mtr
Discharge Time (in Sec.)	More than 13 Sec.	More than 13 Sec.
Hydraulic Test Pressure (in kgf/cm <sup>2</sup> )	35	35
Operating Position	Upright	Upright
Operating Temperature Range (°C)	(+) 5 to (+) 60	(+) 5 to (+) 60
Operating Valve	Squeeze Grip with D.Hose	Squeeze Grip with D.Hose
Fire Rating	3A	4A & 144B

The oldest known enemy of fire is water. For Centuries it has remained the best weapon in fire brigade's arsenal. It has proven effectiveness against Class A fire. Thanks to its unmatched ability to fight not only surface fire but also deep-seated fires in combustible solids such as wood, paper cloth etc.

\*Also Available in GAS CARTRIDGE TYPE



AW-9



AFS-9

#### Water



#### Foam



# Fire Fighting Chemicals



**KARTIK PROTECTION** IS:4308 CM/L-9840392

**DRY CHEMICAL POWDER FOR FIRE FIGHTING**

**A** **B** **C**

Combustible Solids Flammable Liquids Flammable Gases & Electrically Started fires

BASE : MONO AMMONIUM PHOSPHATE  
TYPE : FOAM COMPATIBLE

Mkt'd By:  
**KARTIK FIRE PROTECTION PVT. LTD.**  
An ISO 9001:2015 Certified Company  
New Delhi- 110078(India)



**KARTIK PROTECTION**

**DRY CHEMICAL POWDER (DCP) FOR FIRE FIGHTING**

**B** **C**

Flammable liquids Flammable Gases & Electrically Started fires

BASE : SODIUM BICARBONATE  
TYPE : ORDINARY

Mkt'd By:  
**KARTIK FIRE PROTECTION PVT. LTD.**  
An ISO 9001:2015 Certified Company  
New Delhi- 110078(India)

Suitable For Class A,B & C Fire Involving Combustible Material Like Wood Paper, Cloth Flammable Gas Liquid Petrol, Paints Solvents, Electrically Started Fires & Classes Of Fire.

Suitable For Class A,B & C Fire Involving Combustible Material Like Wood Paper, Cloth Flammable Gas Liquid Petrol, Paints Solvents, Electrically Started Fires & Classes Of Fire.

## Single Landing Valve

## Double Landing Valve



Single Landing Valve Type (A)  
GUN METAL



Single Landing Valve Type (A)  
STAINLESS STEEL



Double Landing Valve Type (B)  
GUN METAL



Double Landing Valve Type (B)  
STAINLESS STEEL

### TECHNICAL SPECIFICATIONS

Type of Material	Gun Metal	Stainless Steel
Body Bonnet Assembly	LTB - IS : 318	Stainless Steel:- IS 3444
Valve Spinle	Brass Rod - IS : 319/320	Stainless Steel:- IS 66003
Cast Iron Wheel	IS - 210	IS - 210
Rubber Washer	IS : 937 ( Type -A)	IS : 937 ( Type -A)
Spring	Phosphares Wire:- IS 7608	Stainless Steel:- IS 6528
Gland Packing	Asbestos Thread:- IS:4687(Type-3)	Asbestos Thread:- IS:4687(Type-3)



# Fire Hose Delivery Coupling



## TECHNICAL SPECIFICATIONS

Type of Material	Gun Metal	Stainless Steel
Body	LTB - IS : 318	Stainless Steel - IS 3444
Rubber Washer	IS : 937 (Type - A)	IS : 937 (Type-A)
Spring	Phosphares Wire: IS 7608	Stainless Steel : IS 6528
Size	63 mm	63 mm

# Nozzles & Branch Pipe



## TECHNICAL SPECIFICATIONS

Type of Material	Gun Metal	Stainless Steel
Body	LTB - IS : 318	Stainless Steel - IS 3444
Size	63 mm	63 mm

# Suction Collecting Head ( Fire Brigade Inlet Connection)



Two Way Suction Collection Head



Four Way Suction Collection Head

Consist of Two / Four Nos. 63mm Size Male Instantaneous coupling  
As per IS : 903  
Complete with NRV

Performance Test : Hydrostatic Test ( Body Test )  
Tested at : 21 kgf/Cm2

# HOSE REEL DRUM

(Compact Type)



CE



## KEY FEATURES

- Corrosion Free
- Leakage Free
- Rust Free
- Stores Less Space
- Power Coated
- Light Weight

IS:12585



## THERMOPLASTIC HOSE PIPE TYPE I & II

Hydrostatic Test: Tested at 21 Kgf/Cm<sup>2</sup>  
Range & Water Flow Rate Test at 7 Kgf/cm<sup>2</sup>  
Discharge : More than 24 LPM  
Range (Jet Length) : 6mtrs (min)  
Conforming to IS : 12585

CE

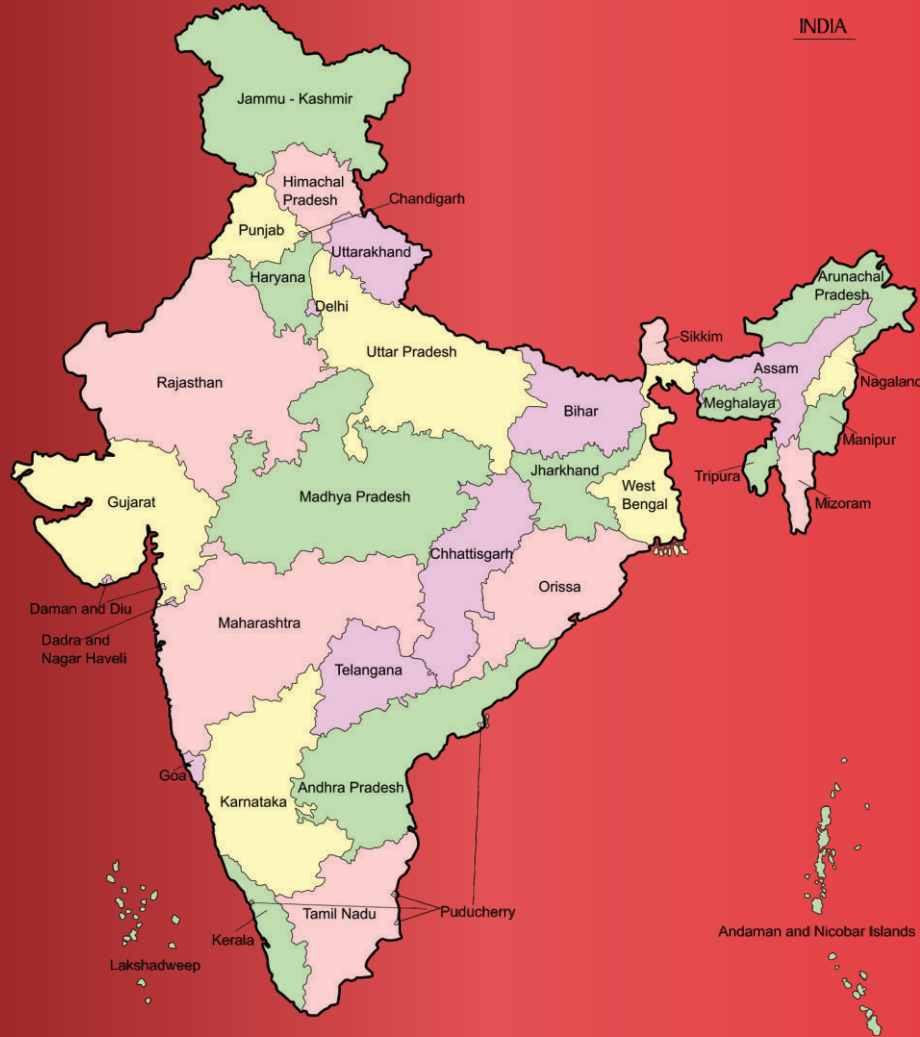


## FIRE HOSE CABINET

Size : All Size of Boxes / Frames fabricated as per client's specification.  
Material: Mild Steel Sheet, Stainless Steel sheet, Aluminium sheet.  
Type: Single Door / Double Door type with locking Arrangement Front Glass and key



# Let's Together Make India Safe



**Marketed by :**

**Kartik Fire Protection Pvt. Ltd.**

Plot No. 52, Street No. 1, Near BSF Camp Chhawla Extn. Part II, New Delhi - 110071

**Corp. Office :**

Plot No. 609, Kakraula Housing Complex Near Metro

Pillar no. 805 Dwarka More New Delhi 110078

**Our Presence..**

3RC/13, Bhoothnath Road, Bahadurpur Housing Colony, Kankarbagh, Patna - 26

H.No. 13, Shri Ram Colony, Bengali Colony Road, Patna City, Patna - 9

H.No. 110, New Saket Nagar, Surya Marg, Hinoo, Ranchi - 834002

Plot No. 35, Kalepadal, Hadapsar, Pune-411028

Flat No. B-1403, 7th Avenue Life Republic Marunji Kasarsai Road, Hinjawadi, Pune- 411057

B- 2 VDA Colony Pisachmochan, Near Beside Hathua Market, Lahurabir, Varanasi-221001



KARTIK FIRE SYSTEMS

**Contact : 011-46012160 | 9570854444**

**Email : [info@kartikfire.com](mailto:info@kartikfire.com) , [kartikfireindustries@gmail.com](mailto:kartikfireindustries@gmail.com)**

**Website : [www.kartikfire.com](http://www.kartikfire.com) , [www.kartikfire.in](http://www.kartikfire.in)**

