



JET-X

A SMILE OF SAFETY

SAFETY IS OUR AIM
WHAT'S YOURS?



The Complete
FIRE SAFETY SOLUTION

FIRE EXTINGUISHERS | FIRE SUPPRESSION

HYDRANT ACCESSORIES | SPRINKLERS



ABOUT US

JET-X is committed to helping you live better and safeguard your world with the finest fire safety solutions. Our products are designed to protect every space, and they protect your peace of mind too ensuring a Smile of Safety at all times.

JET-X has been on a perennial journey of growth and expansion through an extensive network and partnerships. Committed to Quality, Innovation, and Customer Delight, JET-X has become a name to reckon with in the fire safety segment.

JET-X keeps you and your world safe with a holistic range of firefighting solutions manufactured in line with the highest industry standards. Whether you want to safeguard your business from fire risks or upgrade safety at home, we've got your back.

OUR TOP-OF-THE-LINE PRODUCT RANGE INCLUDES

- 🔥 Fire Extinguishers
- 🔥 Hydrant System & Accessories
- 🔥 Fire Suppression system
- 🔥 Sprinkler Systems

JET. SET. GO...

- 🔥 A robust network
- 🔥 Hi-tech manufacturing & testing methods
- 🔥 Diverse product portfolio
- 🔥 24X7 support
- 🔥 Fast and reliable service
- 🔥 Technical expertise to cater to diverse needs
- 🔥 State-of-the-art, end-to-end firefighting solutions
- 🔥 Ethical business policies and transparency



CERTIFICATION



Certification



IGNITING THE FIRE WITHIN

As responsible members of society, the only fire we allow to go unchecked is the fire within us to serve with innovation, excellence, and humility. All our products are engineered to exact industry standards. They demonstrate our manufacturing excellence and come with our Promise to Protect.

We source only quality-assured products from genuine pre-qualified vendors. Our quality control experts personally visit vendors' manufacturing facilities to observe and critically evaluate the production process and ensure that the products are of high quality.



JET-X

A SMILE OF SAFETY



DESIGNED FOR A
SAFER

life

Our comprehensive range of extinguishers demonstrates our state-of-the-art technology and design. What goes into their making is our competence to cater to diverse markets irrespective of the space or the type of fire.

Our fire extinguishers are equipped with distinctive features and are offered in different sizes to meet the unique needs of customers. A wide range of extinguishing agents further gives them the edge to put out fires immediately. The options available include ABC Powder, Water, Foam, and CO2. The more specialized versions of extinguishers include Clean Agent, Metal Fire, Compressed Air Foam, and Wet Chemical.

MANUFACTURED WITH CARE

Our unrelenting quest for perfection drives us to create products that are aimed at making the world a safer place. In a day and age where customer demands continue to evolve, we are equipped to handle them efficiently and deliver firefighting solutions par excellence. Be it design, performance, or specifications, we offer the perfect customization to our customers.

OUR SEAL OF *safety*



A good understanding of global markets



In-depth analysis of customer requirements



State-of-the-art technology and innovation



Compliance with Indian and International standards



Approved for quality



A culture of continuous improvement



Constant up skilling to ensure domain expertise



Excellent fire fighting power



Aesthetically appealing designs coupled with world-class quality



Highly reliable products that work at JET speed

EXPLORE OUR WORLD

Fire risks are varied in nature and call for specific solutions and technologies to be able to deal with them. As the leading provider of fire safety solutions, we continue to raise the benchmarks for the industry with our extensive range and expertise.

WE OFFER

Fire Extinguishers

Easy to carry and operate, fire extinguishers help control and extinguish the fire. The most popular types include ABC, DCP, CO₂, Water CO₂, Mechanical foam, wet chemical and clean agents

Fire Suppression Systems

These are advanced firefighting solutions used to address risks in places that are difficult to access. They leverage ground-breaking technology and are available in gas-based versions like Novec 1230, FM200 & Co₂ flooding system etc.

Hydrant Systems & accessories

A fire hydrant system enables water supply through pipes all throughout the premises to enable the right flow and pressure across the network of valves. It plays an important role in fire fighting system. Available in different types Hydrant valve, Hose box, fire brigade connection, fire hose reel, fire monitor, fire hose pipe, etc.

Sprinkler Systems

A fire sprinkler system comprises a water supply system that ensures the right pressure and flow rate in a water distribution piping system connected to fire sprinklers. It is one of the most effective fire protection methods. Available in different types Pendent, Upright, Sidewall & Concealed type Sprinklers



explore our world



EXPLORE THE WIDEST PRODUCT RANGE OF JET-X

JET-X is one of the unique brand of Tejfire Safety India Pvt. Ltd.

Jet-X brand is been used by many of the reputed industries all over India.

Fire extinguishers apply an agent that will cool burning heat, smother fuel or remove oxygen so the fire cannot continue to burn. A portable fire extinguisher can quickly control a small fire if applied by an individual properly trained

Under the brand of JET-X, wide ranges of following products is available in the market today:

Portable type fire extinguisher's

- 🔥 Dry powder ABC stored pressure type fire extinguishers
- 🔥 Dry powder DCP Cartridge type fire extinguishers
- 🔥 Clean agent type fire extinguishers
- 🔥 Automatic Modular (ceiling mounted) fire extinguishers
- 🔥 Wet chemical (k) type fire extinguishers
- 🔥 Carbon Dioxide (Co2) Fire extinguishers
- 🔥 Water Co2 type fire extinguishers
- 🔥 Mechanical Foam (AFFF) fire extinguishers
- 🔥 Dry powder Metal (D) type fire extinguishers



DRY POWDER (ABC) FIRE EXTINGUISHERS

(MONO-AMMONIUM PHOSPHOATE BASED POWDER)

The JET-X ABC powder based fire extinguishers are Made with high-quality materials to robustly counter A,B, C, E classes of fire.



SPECIFICATION: IS 15683 – 2018 NFPA 10-2018



Multipurpose Fire Extinguishers

CAPACITY	1 kg	2kg	4kg	6kg	9kg
Thickness (mm)	1.6	1.6	1.6	1.6	1.6
Diameter (mm)	86	108	150	150	175
Height (mm)	325	360	415	520	570
PERFORMANCE					
Discharge Time	9-12 Sec	9-13 Sec	13-25 Sec	15-25 Sec	15-25 Sec
Discharge % (mm)	85	85	85	85	85
Jet Length (m)	Actual (6) &Req (2)	Actual (6) &Req (2)	Actual (6) &Req (2)	Actual (6) &Req (2)	Actual (6) &Req (2)
Fire Ratings	1A 8B C	1A 13B C Upwards	2A 21B C	2A 21B C Upwards	4A 34B C
Temp rating	30°c to +55°c	30°c to +55°c	30°c to +55°c	30°c to +55°c	30°c to +55°c

CLEAN AGENT TYPE FIRE EXTINGUISHERS



SPECIFICATION: IS 15683 – 2018 NFPA 10-2018



Multipurpose Fire Extinguishers

CAPACITY	1 kg	2kg	4kg	6kg	9kg
Thickness (mm)	1.6	1.6	1.6	1.6	1.6
Diameter (mm)	86	108	150	150	175
Height (mm)	325	360	415	520	570
PERFORMANCE					
Discharge Time	9-12 Sec	9-13 Sec	13-25 Sec	15-25 Sec	15-25 Sec
Discharge % (mm)	90	90	90	90	90
Jet Length (m)	Actual (4+) &Req (2)	Actual (4+) &Req (2)	Actual (4+) &Req (2)	Actual (4+) &Req (2)	Actual (4+) &Req (2)
Fire Ratings	1A 8B C	1A 8B Upwords	2A 21B	3A 21B Upwords	4A 34B
Temp rating	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C

WET CHEMICAL (K) TYPE FIRE EXTINGUISHERS

Kitchen Fire Extinguisher offers a distinctive unique feature by reacting chemically with cooking oil or fats (Saponification) & forms a non-combustible layer on surface, thereby provides a very fast flame knock down & complete securement of grease related fires.



SPECIFICATION: IS 15683 – 2018 NFPA 10-2018



Kitchen Type Fire Extinguisher

MODEL	2ltr	4ltr	6ltr	9ltr
Cylinder material	S.S.	S.S.	S.S.	S.S.
Capacity (ltr.)	2	4	6	9
Extinguishing medium	Wet chemical	Wet chemical	Wet chemical	Wet chemical
Discharge time (sec)	More than 8 sec	More than 13 sec	More than 13 sec	More than 13 sec
Discharge range (m)	More than 02 mtrs	More than 02 mtrs	More than 02 mtrs	More than 02 mtrs
Operating pressure	15 BAR	15 BAR	15 BAR	15 BAR
Test pressure	35 BAR	35 BAR	35 BAR	35 BAR
Expellant	Nitrogen	Nitrogen	Nitrogen	Nitrogen

AUTOMATIC MODULAR (CEILING MOUNTED) FIRE EXTINGUISHERS

CLEAN AGENT BASED **AND** ABC POWDER BASED

These Specialized fire extinguishers are suitable for unmanned areas. They are operated automatically by a specially heat sensitive quadrazoid bulb.



SPECIFICATION: IS 15683 – 2018 NFPA 10-2018



Multipurpose Fire Extinguishers

CAPACITY	2 kg	5kg	10kg	15kg
Area of Protection (m ²)	1 to 1.5	2 to 2.5	4 to 5	5 to 6
Diameter (mm)	150	230	300	400
Height (mm)	380	380	405	425
PERFORMANCE				
Discharge Time	4-5	5-8	10-15	15-20
Discharge % (mm)	99	99	99	99
Jet Length (m)	Actual (4+) &Req (2)	Actual (4+) &Req (2)	Actual (4+) &Req (2)	Actual (4+) &Req (2)
Temp rating	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C

DRY POWDER (DCP) CARTRIDGE TYPE FIRE (SODIUM BI-CARBONATE BASED POWDER)



SPECIFICATION: IS 15683 – 2018 NFPA 10-2018



CAPACITY	5 kg	10kg	25kg	50kg
Thickness (mm)	1.6mm	1.6mm	3.15mm	4mm
Diameter (mm)	86	108	300	400
Height (mm)	520	570	720	820
Catridge (gms)	120	200	300	2kg co2
Gross Weight (Approx.) (kgs)	12.5	22.5	58Kg	180Kg
PERFORMANCE				
Discharge Time (Sec)	45-70	45-70	45-70	45-70
Discharge % (mm)	85	85	75	75
Jet Length (m)	Actual (6) &Req (2)	Actual (6) &Req (2)	Actual (6) &Req (2)	Actual (6) &Req (2)
Fire Ratings	21BC	34BC Upwards	34BC Upwards	34BC Upwards
Temp rating	+5°C to +50°C	+5°C to +50°C	+5°C to +50°C	+5°C to +50°C

CARBON DIOXIDE (CO2) FIRE EXTINGUISHERS

SPECIFICATION IS 15683 : 2006 & IS 2878



SPECIFICATION: IS 15683 – 2018 NFPA 10-2018



CAPACITY	2kg	3kg	4.5kg	6.5kg	9kg	22.5kg
Thickness (mm)	3.5	4.2	4.2	4.2	4.2	5.5
Diameter (mm)	108	139.8	139.8	139.8	139.8	232
Height (mm)	470	435	610	865	1120	1030
PERFORMANCE						
Discharge Time	8-16 sec	8-18 sec	10-18 sec	10-20	8-30	25 sec
Discharge % (mm)	95	95	95	95	85	95
Fire Ratings	8B	8B Upwards	8B Upwards	8B	8B Upwards	8B Upwards
Temp rating	30°C to +55°C Upwards	-30°C to +55°C	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C	-30°C to +50°C

WATER CO2 TYPE FIRE EXTINGUISHERS

Water Co2 fire extinguishers are ideal for use on Class A fire risks.



SPECIFICATION: IS 15683 – 2018 NFPA 10-2018



CAPACITY	6 ltr	9 ltr	45ltr
Thickness (mm)	1.6	1.6	3.15
Diameter (mm)	175	175	300
Height (mm)	570	570	1130
Catridge (gms)	60	60	300/1kgs
Gross Weight (Approx.) (kgs)	12.5kgs	12.5kgs	86kgs
PERFORMANCE			
Discharge Time	45-70 Sce	45-70 Sce	60-180 Sce
Discharge % (mm)	85	85	90
Jet Length (m)	Actual (6) &Req (2)	Actual (6) &Req (2)	10
Fire Ratings	2A	2A	2A
Temperature rating	+5°c to +55°c	+5°c to +55°c	+5°c to +55°c

MECHANICAL FOAM (AFFF) FIRE EXTINGUISHERS

Foam fire extinguishers are ideal for use on Class A & B fire risks.



SPECIFICATION: IS 15683 – 2018 NFPA 10-2018



CAPACITY	6 ltr	9 ltr	45ltr
Cylinder material	M.S.	M.S.	M.S.
Capacity (ltr.)	6	9	45
Fire rating	4A:4B	4A:4B	4A:4B
Extinguishing medium	AFFF FOAM IS 4989	AFFF FOAM IS 4989	AFFF FOAM IS 4989
Temperature range	+5°C to +55°C	+5°C to +55°C	+5°C to +55°C
Discharge time (sec)	45-70 Sec	45-70 Sec	60-180 Sec
Discharge range (m)	MORE THAN 02 mtrs	MORE THAN 02 mtrs	MORE THAN 02 mtrs
Operating pressure	15 BAR	15 BAR	15 BAR
Test pressure	35 BAR	35 BAR	35 BAR
Expellant	Co2 / NITROGEN	Co2 / NITROGEN	Co2 - 2 Kg
Co2 cartridge capacity (grams)	60	120	300



FIRE SUPPRESSION

system

AUTOMATIC FIRE SUPPRESSION SYSTEM FOR ELECTRICAL PANEL/ SERVER ROOM Faster than fire Property protection and small extinguishing systems (eg. for electrical panels, server racks, engine rooms and tool machinery) have spot-on and prompt effects. The key to this is represented by our fire tube (pneumatic sensor hoses) which can be installed flexibly in the building or danger area, are practically immune to malfunctions and do not require any external power supply. They are as simple as they are ingenious. In the event of fire, the fire tube bursts at the Hottest spot. The loss in pressure causes the valve to open and release the fire extinguishing agent. The practical thing about this principle is that the detection SAFETYONE feature can also be secured in the immediate vicinity of a potential fire source. This means that a fire can be detected during its emergent phase, ie. during the first few seconds. And this "baby fire" can then be easily put out even using a small fire-extinguishing system, the size of which can be adapted to the respective danger potential



Electrical Enclosure tube based fire suppression

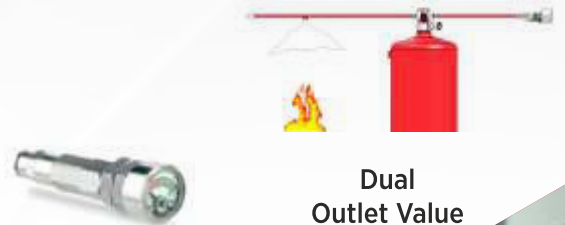
system

Research shows Electrical fires consistently rank among the leading causes of commercial and residential fires, most of the fire start with a just a spark in electrical main often resulting in death, injury, and significant property loss, costing money and downtime to businesses. and there's just one way to deal with them: instant detection and swift firefighting. Our system is designed to detect and suppress at the heart of the fire, alerting by sounder or direct wiring into the building fire alarm, ensuring the right people are aware.



The Concept

The heart of the system is the Linear Heat Sensitive pneumatic polymer tubing. It is connected at one end to a JET-X extinguishing Agent container, which the rest runs through the risk area, in a predetermined manner. When the flame touches the tubing and it reaches a temperature of 90-110 Deg C the tubing burst sat it hot test point (which is nearest to the most vulnerable part of the fire), thus forming a nozzle.



Dual Outlet Value



End of Line Adaptor



Pressure Switch



Heat Detection Tube



Cylinder with FK Agent





JET-X HYDRANT ACCESSORIES

Our wide range of hydrant accessories is manufactured with precision using high-quality materials. These accessories have a critical role to play in fire fighting. The fire hydrant valves for instance allow access to the water supply during firefighting. The fire hose, on the other hand, carries water or any other fire retardant to extinguish the fire.

OUR RANGE OF ACCESSORIES INCLUDES

- ♦ Single Hydrant Valve (SS & GM type)
- ♦ Double Hydrant Valve (SS & GM type)
- ♦ Fire Brigade Connection (SS & GM type)
- ♦ Male-Female Couplings (SS & GM type)
- ♦ Short Branch Pipe (Nozzle) (SS & GM type)
- ♦ Fire Hose Reel Drum
- ♦ Fire Delivery Hose Pipe (with SS & GM Couplings)
- ♦ Fire Single (MS) Hose Box
- ♦ Fire Double (MS) Hose Box
- ♦ Fire Duct Door (shutter) Box

FIRE HYDRANT VALVE

SINGLE TYPE (SS & GM TYPE)

Fire hydrant valves are used to access the water supply for firefighting System



Sr.No	Item Description	SS - Material Performance	GM - Material Performance
1	Body, Bonnet	IS:3444:1987, Grade - I	IS:318 :1987, Grade - I
2	Spindle	IS:6603:1972	IS:319/320 :1972
3	Spring	IS:6528:1972	IS:7608:1972
4	Hand Wheel	IS:210	IS:210
5	Rubber Washer	IS:937	IS:937
6	Blank Cap (Red Colour)	PVC	PVC
7	Water Tightness	14kgf/cm ²	14kgf/cm ²
8	Hydrostatic Pressure	21 kgf/cm ²	21 kgf/cm ²
9	Flow Test	900 LPM	900 LPM
10	Gland Bush	IS:3444:1987, Grade - I	IS:3444:1987, Grade - I
11	Bonnet	IS:3444:1987, Grade - I	IS:3444:1987, Grade - I
12	Gland Nut	IS:3444	IS:3444
13	Finish	SS Working parts with Chrome finished & SS Fixed parts with PO Red Paint	GM Working parts with Chrome finished & GM Fixed parts with PO Red Paint

FIRE HYDRANT VALVE

DOUBLE TYPE (SS & GM TYPE)



Sr.No	Item Description	SS - Material Performance	GM - Material Performance
1	Body, Bonnet	IS:304	IS:318
2	Spindle	IS:304	IS:319/320
3	Spring	IS:7608	IS:7608
4	Hand Wheel	IS:210	IS:210
5	Rubber Washer	IS:937	IS:937
6	Blank Cap (Red Colour)	PVC	PVC
7	Water Tightness	14kgf/cm ²	14kgf/cm ²
8	Hydrostatic Pressure	21 kgf/cm ²	21 kgf/cm ²
9	Flow Test	1800 LPM	1800 LPM
10	Finish	SS Working parts with Chrome finished & SS Fixed parts with PO Red Paint	GM Working parts with Chrome finished & GM Fixed parts with PO Red Paint

FIRE BRIGADE CONNECTION (SS & GM TYPE)

This connection is provided for fire department to provide an external water supply.



2 WAY



3 WAY



4 WAY

Sr.No	Item Description	Material Performance
1	Material of Service inlet	IS:904
2	Size	63mm Dia
3	Type of material	GM/SS with CI body
4	Hydrostatic Pressure	21 kgf/ cm ²

FIRE MONITOR

Fire monitor are important fire fighting equipment for long-range fire fighting Fire cannons are divided into two series: fire water monitor and fire foam monitor



FIRE SHORT BRANCH PIPE (NOZZLE)

Fire-Hose Nozzle. in fire-fighting, a device for generating and directing a stream of water, foam, powder, or other fire-extinguishing substance.

Sr.No	Item Description	Material Performance
1	Material of Short Branch	IS:3444,318
2	Material of Rubber Washer	IS:937
3	Dimension of Rubber Washer	IS:903
4	Washer	IS:937
5	Workmanship	IS:903
6	Hydrostatic Pressure	21 kgf/ cm ²
7	Finish	Polished



MALE-FEMALE COUPLING (SS & GM TYPE)

Fire hoses have a male coupling at one end & female coupling

Sr.No	Item Description	Material Performance
1	Conforming specification	IS 9003: 1993
2	Material of Body	IS: 3444
3	Material of Rubber washer (SS & GM)	IS: 937 (Type -A)
4	Material of Spring (SS & GM)	IS 6528,7608
5	Hydrostatic Pressure	21 kgf / cm ²



FIRE HOSE REEL DRUM

Hose reel is a fire-fighting appliance consisting of a reel with water supply, manual inlet stop valve adjacent to the reel, semi-rigid hose and shut off nozzle for firefighting

The fire hose reel drum available in 2 types – 20 & 30 meter pipes

TECHNICAL SPECIFICATION

- ♦ **Conforming to:** IS:884/1958
- ♦ **Size:** Inlet 1" Threaded Inlet Connection,
- ♦ **Type:** Swinging 180° Wall Mounting
- ♦ **Outlet:** 3/4", 1", 1-1/2" outlet connection for Hose to accommodate 20/30/40 Mtrs. Hose

PERFORMANCE TEST

- ♦ **Hydraulic Test:** Tested at 21 Kgf/cm²
Range & Water Flow rate test at 10 Kgf/cm²
- ♦ **(A) Discharge:** 24 LPM
- ♦ **(B) Range (Jet Length):** 6 Mtr (Min)
- ♦ **Halogram:** Sticker Stuck On Wheel



FIRE DELIVERY HOSE PIPE

A fire hose is a high-pressure hose that carries water or other fire retardant to a fire to extinguish it. Compact flexible & light weight, abrasion resistant, ability to withstand high operating & back pressure.

TECHNICAL SPECIFICATION

- ♦ **Conforming to:** IS: 636, Type A & B
- ♦ **Size:** 63mm x 7.5 / 15/ 30meters
- ♦ **Type:** Canvas, Reinforced Rubber Lined Woven Jacket, Water percolating

PERFORMANCE TEST

- ♦ **Hydraulic Test:** tested at 21 Kgf/cm²
- ♦ **Test Pressure:** 21 bar for 1 min
- ♦ **Flow test:** 1800 lpm @ 7 bar



FIRE HOSE BOXES

DOUBLE & SINGLE TYPE

Hose box is designed for storing fire equipment such as fire hose, Nozzle



Suitable for storing two Nos (7.5 mtr or 15 mtr) hoses and one nozzle
 Suitable for storing only one 15 mtr hose and one nozzle

Sr.No	Item Description	Material Specification
1	Material	CRCA sheet as per IS 513
2	Gauge	16/18/20
3	Finish	Power coated PO Red Color
4	Workman ship	As per General Engineering standard



FIRE HYDRANT & SPRINKLER ACCESSORIES PRODUCT GALLERY



ADAPTORS



AIR-RELEASE-VALVE



FIRE-BALL



FIRE BLANKET



ORIFICE PLATE



FE STANDS



FIRE BUCKET



FIRE HOOK



PRESSURE GAUGE



TRIGGER FLOW NOZZLE



FIRE MAN AXE



FLEXIBLE HOSES

SPRINKLER SYSTEM & ACCESSORIES

Automatic Sprinkler - discharges water when fire has been detected, such as a pre-determined temperature has been exceeded



- ▶ Pendent type sprinkler
- ▶ Upright type sprinkler
- ▶ Sidewall type sprinkler
- ▶ Concealed type sprinkler



APPLICATIONS

Tailored solutions to tackle all possible fire situations make us an ideal choice for diverse applications. Be it manufacturing plants or large administration buildings, we keep fire threats at bay.

In addition to the design and manufacture of standard firefighting products, we also offer customized and bespoke engineered systems to meet the specific needs of individuals as well as applications for special projects. Special units and skids are made on demand according to exact requirements and specifications. Furthermore, our technical service and engineering teams assist you in special projects with everything from initial conceptual design to commissioning and on-site assistance.

We offer products and solutions for a wide range of industries. Some of the major critical applications where our solutions are commonly used include:

- Hostels and Restaurants
- Manufacturing Plants
- Oil, Gas, and Petrochemical Industries
- Power Plants
- Aviation Industry and Airports
- Ports and Terminals
- Metro Railways
- Iron and Steel Industries



OUR CLIENTS





JET-X

A SMILE OF SAFETY

JET-X INDUSTRIES PVT.LTD.

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