



LIGHTEX FIRE SERVICES PVT. LTD.



FIRE EXTINGUISHERS

From a humble beginning in 1972, today we are in a coveted position as one of the largest manufacturers and suppliers for a premium range of fire protection systems & accessories in India.

Our range includes; Portable & Higher capacity Fire extinguishers, Fire Hydrant systems, and all components/accessories [ISI].

After more than 4 decades of manufacturing Fire Extinguishers, Lightex is now foraying into the arena, with a view to being a premier manufacturer of components and supplier of:

- 1] All Gas based Fire suppression systems viz.CO2 / FM200 / HFC 227ea / FE 36/ HFC 236fa / NAF 125 / NOVEC 1230 / FK 5-1-12 / Argonite / Inergen , all other Clean Agent & Inert gases.
- 2] Kitchen Hood Fire Suppression system.
- 3] Tube-based Fire Suppression System for Electrical panels & Server racks.
- 4] Bus & Vehicle Fire Detection and Suppression system.

Lightex has stand-alone state of art manufacturing houses situated at Ghatkopar and Bhiwandi, with all necessary machinery & equipment. Lightex [ISI] license for both the Facilities.

Lightex has its sister company dedicated CCOE / PESO-approved gas filling plant at Digha, MIDC, Navi Mumbai where all commercial gases are filled.

Lightex is eagerly awaiting inquiries and orders from your esteemed organization for our range of activities and assures you of our prompt services & quality product.

The advanced infrastructure facility of our firm is installed with the requisite machines & tools to be able to bring forth safety equipment in compliance with clients' exact demands.

We are also equipped with an R&D division, which engages in research works and market surveys to be able to deliver latest and upgraded products.

OUR CLIENT



NOVEC -1230 / FK 5-1-12)

Novec 1230 fire protection fluid is based on a proprietary chemistry from 3M called C6-fluoroketone; it is also known as FK 5-1-12 — the way it is designated in NFPA 2001 and ISO 14520 clean agent standards.

Although it is a liquid at room temperature it gasifies immediately after being discharged in a total flooding system.

In the shop, Novec 1230 fluid is easier to use than pressurized gas. Simply transfer the fluid from the container to the system cylinder, using a simplified closed loop process to avoid contamination. Then, super pressurize the cylinder with nitrogen.

The product is ideal for use in total flooding applications, localized flooding systems, directional spray type applications and may be used in portable extinguishers for specialized applications.

NOVEC System has the widest margin of safety because its use concentration is much lower than its No Observable Adverse Effects Level (NOAEL)

Novec 1230 fluid offers a long-term, sustainable technology that has the greatest margin of safety, the lowest GWP for halocarbon alternatives, and zero ozone depletion potential.



FM -200 / HFC-227ea

FM-200/HFC-227ea is an odourless, colourless, liquefied compressed gas. It is stored as a liquid and dispensed into the hazard as a colourless, electrically nonconductive vapour that is clear and does not obscure vision.

It leaves no residue and has acceptable toxicity for use in occupied spaces at design concentration.

FM-200/HFC-227ea extinguishes a fire by a combination of chemical and physical mechanisms.

FM-200/HFC-227ea's mechanism of extinguishing fires is considered active. Its primary action is through physically cooling the fire at the molecular level.

FM-200/HFC-227ea belongs to the same class of agents used in the refrigeration industry; therefore, it is an efficient heat transfer agent. FM-200/HFC-227ea removes the thermal energy from the fire to the extent where the combustion reaction cannot sustain itself.

THE FOLLOWING ARE TYPICAL HAZARDS PROTECTED BY FM-200/HFC-227ea SYSTEMS:

- Computer rooms
- Document store
- Tape/DATA storage
- Telecommunication/Switchgear
- Vaults
- Process equipment
- All normally occupied or unoccupied electronic areas where equipments are either very sensitive or irreplaceable.



CO2 FLOODING SYSTEMS

CO2 is a colorless gas with a density about 60% higher than that of dry air. Considered as best extinguishing gas. It suppress oxygen by eliminating heat, CO2 is most effective as a fire extinguishing agent.

NFPA -12 Rules and BIS 6382 Codes for design of such system are used as standard for CO2 Extinguishing or flooding system. CO2 gas generally stored in high pressure seamless steel cylinders in liquid form with maximum filling ratio of 0.667 Kg/Ltr of cylinder volume.

In order to the fire hazard CO2 cylinders Quantity varies. On large hazards where several cylinders are required a manifold is used to connect each other by means of flexible hose and check valve. The cylinder's master valve is electronically operated and the slave valve is pressure actuated. The master valve can be automatically or manually operated. Flow rate of CO2 is controlled



APPLICATION:

Most ideal for protecting paint and varnish manufacturing process area. For LT panels, control rooms (Power Plant), Powder coating and paint booths, transformers and substations, rolling mills and turbines, false floors and cable shafts, etc...

LIGHTEX Carbon Dioxide Fire Protection System offers a unique high pressure that minimizes the potential loss of lives and properties by acting in lowering the fire temperature and reducing oxygen level below reignition point. CO2 Cylinders are made of seamless steel and available in various capacities. Cylinders, combined with other system parts provide a comprehensive system suitable for total flooding and local application scenarios.

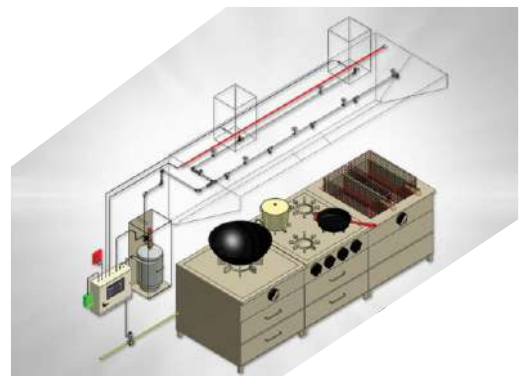
KITCHEN - WET CHEMICAL BASED



Kitchen fires are some of the fiercest and most difficult fire to fight and diminish. Fire hazard risk is very dangerous in commercial kitchen. Kitchen fire is generally due to burning of oil. In any kitchen there are inflammables like LPG on the premises, this aggravates the danger considerably. Kitchen; be it of a small café or a large industrial kitchen **LIGHTEX** kitchen fire suppression system is equipped & ready to protect. Our fire extinguishers are wet chemical based and are specially designed to fight cooking oil fire arising in the kitchen with no flooding related collateral damage.

The **LIGHTEX** Fire kitchen suppression system is designed for fire protection in hoods & ducts of cooking appliances & commercial kitchen and restaurants. **LIGHTEX** kitchen fire suppression system consists of wet agent tank enclosed in S.S mounting box, temperature rated sensors, linear heat sensing cable, control panel, nozzles & piping. The system can be provided with automatic actuation or manual actuation through a remote manual pull station. As the fire is detected, the control panel activates the system and the

When the liquid agent is discharged onto a cooking appliance fire, it cools the grease surface, and reacts with the hot grease (saponification) forming a layer of soap-like foam on the surface of the fat. Upon actuation, agent is discharged onto the hazard area. Immediately following discharge, the waterline system is activated and it allows water to flow onto the same hazard areas. continually refurbishing the foam blanket and cooling the hot appliance to prevent reignition.



AUTOMATIC FIRE SUPPRESSION SYSTEM FOR VEHICLE

Fire Detection with Automatically and Manually Operated Fire Suppression System.

Fire Detection and Suppression System. As per AIS 135.

Includes :-

- Fire detectors.
- Fire indicator & control panel.
- Manual actuation mechanism.
- Fire alarm & visual indicator.
- Fire extinguishing agent container.
- Discharge pipe work and nozzles.

This is an engineered fire suppression system which delivers the best results when it comes to risk reduction. The system is a combination of fire detection and suppression system in one complete package. The fire detection system is designed to be both manual and automatic operation. This means that an operator or the specially designed fire sensing device can actuate the system by itself. The discharge system is engineered to the vehicle's engine bay with the sole purpose of reducing the risk and limiting the possibility for re-ignition, thus protecting the lives of onboard passengers.

Benefits of the system :-

- Full 24/7 monitoring of the heat detection sensor and cylinder pressure.
- Rapid detection of a fire.
- Initiates an alarm signal.
- Automatically activates discharge process of extinguishing agent.
- Manual activation of discharge and extinguishing agent.
- Helps to initiate safety & evacuation functions.



AUTOMATIC FIRE SUPPRESSION SYSTEM FOR ELECTRICAL PANEL / SERVER ROOM

Property protection and small extinguishing systems (e.g. 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 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, i.e. 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.



ABC STORED PRESSURE POWDER

Stored Pressure 1kg, 2kg, 4kg, 6kg and 9kg.

Powder fire extinguishers are ideal for use on Class A, B and C Fire Risks. The LIGHTEX Powder fire extinguishers are available in 1kg, 2kg, 4kg, 6kg and 9kg standard versions.

ISI Marked 1 year warranty

Safe for use on live electrical equipment

Squeeze grip operation

Fully refillable

Controlled discharge

Supplied with wall bracket

Full range of spare parts are available



IS:15683



CM/L : 2927672



MODEL	LFS-1ABC	LFS-2ABC	LFS-4ABC	LFS-6ABC	LFS-9ABC
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	1	2	4	6	9
FIRE RATING	1A 21B	1A 34B	2A 55B	3A 89B	4A 144B
EXTINGUISHING MEDIUM	POWDER	POWDER	POWDER	POWDER	POWDER
TEMPERATURE RANGE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
DISCHARGE DURATION	MORE THAN 08 S	MORE THAN 08 S	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S
DISCHARGE RANGE	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M
OPERATING PRESSURE	15 BAR	15 BAR	15 BAR	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR	35 BAR	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN

BC STORED PRESSURE AND CARTRIDGE TYPE DCP POWDER

Stored Pressure And Cartridge Type 4kg, 6kg and 9kg

DCP Powder fire extinguishers are ideal for use on Class, B and C Fire Risks. The LIGHTEX Powder fire extinguishers are available in 4kg, 6kg and 9kg standard versions. This model is designed to extinguish 'B' and 'C' type fires involving material like Petro Chemical products, Paints, Resins, Pigment, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG, & CNG.

ISI Marked 1 year warranty

Safe for use on live electrical equipment

Squeeze grip operation

Fully refillable

Controlled discharge

Supplied with wall bracket

Full range of spare parts are available



IS:15683



CM/L : 2927672



MODEL	LFS- 4 BC	LFS- 6 BC	LFS- 9 BC	LFS-4CTBC	LFS -6CTBC	LFS -9CTBC
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	4	6	9	4	6	9
FIRE RATING	55B	89B	22B	55B	89B	255B
EXTINGUISHING MEDIUM	POWDER	POWDER	POWDER	POWDER	POWDER	POWDER
TEMPERATURE RANGE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
DISCHARGE DURATION	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S
DISCHARGE THROW	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M
OPERATING PRESSURE	15 BAR	15 BAR	15 BAR	15 BAR	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR	35 BAR	35 BAR	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN
CO2 CARTRIDGE CAPACITY (grams)	—	—	—	120	120	200

CO₂ TYPE FIRE EXTINGUISHERS

CARBON DIOXIDE

Stored Pressure And Cartridge Type 2kg, 3kg, 4.5kg

Carbon Dioxide fire extinguishers are ideal for use on Class B Fire Risks. The LIGHTEX carbon dioxide fire extinguishers are available in 2kg, 3kg, and 4.5kg standard.

ISI Marked 1 year warranty

Safe for use on live electrical equipment

Fully refillable

Controlled discharge

Supplied with wall bracket

Full range of spare parts are available



IS:15683



CM/L : 2927672



MODEL	LFS -2CO ₂	LFS -3CO ₂	LFS -4.5CO ₂
CYLINDER MATERIAL	Mn	Mn	Mn
CAPACITY (KG)	2	3	4.5
FIRE RATING	21B	34B	55B
EXTINGUISHING MEDIUM	Co ₂ Gas IS 15222	Co ₂ Gas IS 15222	Co ₂ Gas IS 15222
TEMPERATURE RANGE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
DISCHARGE DURATION (Sec.)	MORE THAN 9 Sec	MORE THAN 9 Sec	MORE THAN 9 Sec
DISCHARGE RANGE (Meters)	MORE THAN 01 M	MORE THAN 02 M	MORE THAN 02 M
TEST PRESSURE	250 BAR	250 BAR	250 BAR

WATER TYPE FIRE EXTINGUISHERS

WATER

6ltr, 9ltrs

Water Fire Extinguishers are ideal for extinguishing Class A Fires. The LIGHTEX Water Fire Extinguishers are perfect for use in a range of applications including offices and warehouses and the extinguishing is just pure water making the fire extinguishers extremely Environmentally friendly and quick and simple to discharge test. A high Performance water 6ltr & 9ltr version is also available.

ISI Marked 1 year warranty

Easy to read pressure gauge

High quality corrosion resistant finish

Supplied complete with wall mounting bracket

Full range of spare parts available



IS:15683



CM/L : 2927672



MODEL		LFS -9W	LFS-9WCT
CYLINDER MATERIAL		M.S.	M.S.
CAPACITY (KG)		9	9
FIRE RATING		4A	4A
EXTINGUISHING MEDIUM		WATER	WATER
TEMPERATURE RANGE		+5°C to +60°C	+5°C to +60°C
DISCHARGE DURATION		MORE THAN 13 S	MORE THAN 13 S
DISCHARGE THROW		MORE THAN 02 M	MORE THAN 02 M
TEST PRESSURE		35 BAR	35 BAR
EXPELLANT		NITROGEN	Co ₂
Co ₂ CARTRIDGE CAPACITY (grams)		-	60

MECHANICAL FOAM TYPE FIRE EXTINGUISHERS

MECHANICAL FOAM TYPE FIRE EXTINGUISHERS

FOAM

6ltr, 9ltrs

Foam fire extinguishers are ideal for use on Class A and B Fire Risks.
The LIGHTEX Foam fire extinguishers are available in 6ltr and 9ltr standard models.

ISI Marked 1 year warranty

Squeeze grip operation

Fully refillable

Controlled discharge

Supplied with wall bracket

Full range of spare parts are available



IS:15683



CM/L : 2927672



MODEL	LFS -9MF	LFS -9MFCT
CYLINDER MATERIAL	M.S.	M.S.
CAPACITY (KG)	9	9
FIRE RATING	144B	144B
EXTINGUISHING MEDIUM	AFFF FOAM IS 4989	AFFF FOAM IS 4989
TEMPERATURE RANGE	+5 °C to +55 °C	+5 °C to +55 °C
DISCHARGE DURATION (sec.)	MORE THAN 13 S	MORE THAN 13 S
DISCHARGE RANGE (Meters)	MORE THAN 02 M	MORE THAN 02 M
OPERATING PRESSURE	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR
EXPELLANT	NITROGEN	Co ₂
Co ₂ CARTRIDGE CAPACITY (grams)	-	60

CLEAN AGENT FIRE EXTINGUISHERS Stored Pressure

2kg, 4kg, 6kg fire extinguishers

Safe to use on all your sensitive equipment, the Clean Agent Extinguisher brings you the added benefit of being the world's most advanced, and by far the most eco-friendly extinguisher. Clean Agent Extinguishers leave no residue, pack in mega power and are absolutely safe for use on any sensitive electronic equipment.

ISI Marked 1 year warranty

Squeeze grip operation

Fully refillable

Controlled discharge

Supplied with wall bracket

Full range of spare parts are available



IS:15683



CM/L : 2927672



MODEL	LFS -2CA	LFS-4CA	LFS -6CA
CAPACITY	2KGS	4KGS	6KGS
FIRE RATING	1A -21B	2A-21B	3A-34B
OPERATING TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
MIN. JET LENGTH (IN MTRS)	MORE THAN 2 MTRS.	MORE THAN 2 MTRS.	MORE THAN 2 MTRS.
DISCHARGE PERCENTAGE	90%	90%	90%
DISCHARGE TIME	MORE THAN 8 S	MORE THAN 13 S	MORE THAN 13 S
CHARGE PRESSURE	15 BAR	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR	35 BAR
OPERATING VALVES	SQUEEZE GRIP TYPE	SQUEEZE GRIP TYPE	SQUEEZE GRIP TYPE
EXTINGUISHER MEDIA	CLEAN AGENT	CLEAN AGENT	CLEAN AGENT
EXPELLANT	NITROGEN	NITROGEN	NITROGEN

KITCHEN FIRE EXTINGUISHERS

WET CHEMICAL (K - CLASS)

LIGHTEX kitchen fire extinguishers offers an distinctive unique feature by reacting chemically with cooking oil fats(sponification) & forms a non-combustible layer on surface, thereby provides a very fast flame knockdown and complete securement of grease related fires. High reactivity of chemicals, reduces fire intensity of oil immediately and it does not produce any hazardous by-products due to fire or reaction with burning oil. Ease of post fire clean up. Totally non-corrosive product.



AVAILABLE IN VARIOUS CAPACITIES AND VARIANT :

STAINLESS STEEL CYLINDERS AND STANDARD MILD STEEL CYLINDERS.

Squeez Greep Operation

Fully Refillable

Controlled Discharge

Supplied With Wall Bracket

Full range of spare parts are available



MODEL	LFS-2K	LFS-4K	LFS-6K	LFS-9K
CYLINDER MATERIAL	S.S	S.S	S.S	S.S
CAPACITY (LTRS)	2	4	6	9
EXTINGUISHING MEDIUM	WET CHEMICAL	WET CHEMICAL	WET CHEMICAL	WET CHEMICAL
DISCHARGE DURATION	MORE THAN 08 S	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S
DISCHARGE THROW	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M
TEST PRESSURE	35 BAR	35 BAR	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN

DRY CHEMICAL POWDER ABC TYPE

LIGHTEX Fire wheeled extinguishers are available in ABC Powder and offer exceptional value for money as well as the high quality that you would expect from LIGHTEX fire fighting products. LIGHTEX wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



IS : 16018



CM/L : 7700134215



CAPACITY	25 KG OUTSIDE CARTRIDGE TYPE	25 KG INSIDE CARTRIDGE TYPE	50 KG OUTSIDE CARTRIDGE TYPE	75 KG OUTSIDE CARTRIDGE TYPE
TYPE	WHEELED DCP ABC TYPE	WHEELED DCP ABC TYPE	WHEELED DCP ABC TYPE	WHEELED DCP ABC TYPE
IS NO.	IS 16018	IS 16018	IS 16018	IS 16018
FIRE RATING	20A 233B	20A 233B	20A 233B	20A 233B
OPERATING TEMPERATURE	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C
MIN. JET LENGTH (IN MTRS)	MORE THAN 6 MTRS	MORE THAN 6 MTRS	MORE THAN 6 MTRS	MORE THAN 6 MTRS
DISCHARGE PERCENTAGE	85%	85%	85%	85%
DISCHARGE TIME	MORE THAN 30 SEC	MORE THAN 30 SEC	MORE THAN 30 SEC	MORE THAN 30 SEC
CHARGE PRESSURE	1.8 MPA	1.8 MPA	1.8 MPA	1.8 MPA
TEST PRESSURE	3.0 MPA	3.0 MPA	3.0 MPA	3.0 MPA
EXTINGUISHERS MEDIA	DRY POWDER AS PER IS 4308	DRY POWDER AS PER IS 4308	DRY POWDER AS PER IS 4308	DRY POWDER AS PER IS 4308
EXCELLENT	C02	C02	C02	C02
LENGTH OF HOSE PIPE	2 MTRS	2 MTRS	4 MTRS	4 MTRS

DRY CHEMICAL POWDER BC TYPE

LIGHTEX fire wheeled extinguishers are available in BC Powder and offer exceptional value for money as well as the high quality that you would expect from LIGHTEX fire fighting products. LIGHTEX wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications



IS : 16018



CM/L : 7700134215



CAPACITY	25 KG OUTSIDE CARTRIDGE TYPE	25 KG INSIDE CARTRIDGE TYPE	50 KG OUTSIDE CARTRIDGE TYPE	75 KG OUTSIDE CARTRIDGE TYPE
TYPE	WHEELED DCP BC TYPE	WHEELED DCP BC TYPE	WHEELED DCP BC TYPE	WHEELED DCP BC TYPE
IS NO.	IS 16018	IS 16018	IS 16018	IS 16018
FIRE RATING	233B	233B	233B	233B
OPERATING TEMPERATURE	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C
MIN. JET LEANGTH (IN MTRS)	MORE THAN 6 MTRS	MORE THAN 6 MTRS	MORE THAN 6 MTRS	MORE THAN 6 MTRS
DISCHARGE PERCENTAGE	85%	85%	85%	85%
DISCHARGE TIME	MORE THAN 30 SEC	MORE THAN 30 SEC	MORE THAN 30 SEC	MORE THAN 30 SEC
OPERATING VALVE	1.8 MPA	1.8 MPA	1.8 MPA	1.8 MPA
TEST PRESSURE	3.0 MPA	3.0 MPA	3.0 MPA	3.0 MPA
EXTINGUISHERS MEDIA	DRY POWDER AS PER IS 4308	DRY POWDER AS PER IS 4308	DRY POWDER AS PER IS 4308	DRY POWDER AS PER IS 4308
EXCELLENT	C02	C02	C02	C02
LENGTH OF HOSE PIPE	2 MTRS	2 MTRS	4 MTRS	4 MTRS

FOAM / WATER BASED TYPE

LIGHTEX fire wheeled extinguishers are available in Foam / Water based versions and offer exceptional value for money as well as the high quality that you would expect from LIGHTEX fire fighting products. LIGHTEX wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



IS : 16018



CM/L : 7700134215



CAPACITY	MECHANICAL FOAM 45 LTR.	WATER 45 LTR.
TYPE	FOAM BASED	WATER BASED
IS NO.	IS 16018	IS 16018
FIRE RATING	20A 233B	20A
OPERATING TEMPERATURE	-5° C TO +55° C	-5° C TO +55° C
MIN. JET LEANGTH (IN MTRS)	MORE THAN 6 MTRS	MORE THAN 6 MTRS
DISCHARGE PERCENTAGE	95%	95%
DISCHARGE TIME	MORE THAN 30 SEC	MORE THAN 30 SEC
OPERATING PRESSURE	1.8 MPA	1.8 MPA
TEST PRESSURE	3.0 MPA	3.0 MPA
EXTINGUISHERS MEDIA	AFFF FOAM AS PER IS 4989	WATER
EXCELLENT	C02	C02
EXCELLENT CAPACITY	200 GMS	200 GMS
LENGTH OF HOSE PIPE	4 MTRS	4 MTRS

CARBON DIOXIDE TYPE (CO2)

LIGHTEX fire wheeled extinguishers are available in CO2 versions and offer exceptional value for money as well as the high quality that you would expect from LIGHTEX fire fighting products. LIGHTEX wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



IS : 16018



CM/L : 7700134215



CAPACITY	6.5 KG	9 KG	22.5 KG
TYPE	WHEELED CO2 TYPE	WHEELED CO2 TYPE	WHEELED CO2 TYPE
IS NO.	IS 16018	IS 16018	IS 16018
FIRE RATING	55B	55B	89B
OPERATING TEMPERATURE	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C
MIN. JET LENGTH (IN MTRS)	MORE THAN 2 MTRS	MORE THAN 2 MTRS	MORE THAN 2 MTRS
DISCHARGE PERCENTAGE	95%	95%	95%
DISCHARGE TIME	MORE THAN 15 SEC	MORE THAN 15 SEC	MORE THAN 15 SEC
OPERATING VALVE	1.8 MPA	1.8 MPA	1.8 MPA
TEST PRESSURE	3.0 MPA	3.0 MPA	3.0 MPA
EXTINGUISHERS MEDIA	DRY POWDER AS PER IS 15222	DRY POWDER AS PER IS 15222	DRY POWDER AS PER IS 15222
EXCELLENT	CO2	CO2	CO2
LENGTH OF HOSE PIPE	2 MTRS	2 MTRS	4 MTRS

MODULAR TYPE FIRE EXTINGUISHERS AUTOMATIC CEILING MOUNTED FIRE EXTINGUISHERS

2KG, 5KG, 10KG

Automatic fire extinguishers are ideal for use in unoccupied rooms or areas and can be used to provide fire safety protection in an enclosed space.

Available with ABC Powder, Seal fire Foam and CLEAN AGENT gas Extinguishers

Wide range of uses including unattended areas, storage rooms, server rooms, engine compartments

Supplied complete with temperature activation bulb (68°C) which activates the fire extinguisher when the temperature is reached



CODE	DESCRIPTION	AREA PROTECTION	HANGING VERTIVCALLY ABOVE RISK	WORKING PRESSURE
LFS-M02	2 KG ROOF UNIT	1 To 1.5 m ²	1.5 M	15 BAR
LFS-M05	5 KG ROOF UNIT	2 To 2.5 m ²	1.5 TO 2 M	15 BAR
LFS-M10	10 KG ROOF UNIT	4 To 5 m ²	1.75 TO 2.25M	15 BAR
LFS-M15	15 KG ROOF UNIT	5 To 6 m ²	2 TO 3 M	15 BAR

SWINGING TYPE WALL MOUNTED FIRST AID HOSE REEL DRUM

TECHNICAL SPECIFICATIONS

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 House to accommodate 30/36/40 Mtrs. Hoses

Performance Test

Hydrostatic Test : Tested at 21Kgf/cm²

Range & Water Flow rate test at 7Kgf/cm²

(A) Discharge : 24 LPM

(B) Range (Jet Length) : 6 Mtr (Min)

Hologram :- Sticker Stuck on Wheel



THERMOPLASTIC HOSE PIPE (TEXTILE REINFORCED) FOR WATER

TECHNICAL SPECIFICATIONS

IS: 12585 - Type - 1 W.P.6 Kgf/cm²

IS: 12585 - Type - 2 W.P.10 Kgf/cm²

Construction:-

Lining : A flexible Thermoplastic Lining, Smooth in bore.

Reinforcement : A Natural or Synthetic Textile

Reinforcement : A flexible thermoplastics cover, which may have a smooth or fluted.

Norminal Bore (ID) : 10.00 mm to 50.00 mm

Application : This Hose is used for water delivery & Fire Fighting purpose.



SWINGING TYPE WALL MOUNTED FIRST AID HOSE REEL DRUM

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 House to accommodate 30/ 36/ 40 Mtrs. Hoses

PERFORMANCE TEST

Hydrostatic Test : Tested at 21 Kgf/cm²

Range & Water Flow rate test at 7Kgf / cm²

(A) Discharge : 24 LPM

(B) Range (Jet Length) : 6 Mtr (Min)

Hologram : Sticker Stuck On Wheel



HUB SIDES & WALL BRACKET	M.S. SHEET OF IS : 513
SWIVEL JOINT	LBT - 2 OF IS : 318
PIPE WITH FITTING	STEEL OF IS : 1239 PART 1
NOZZLE	IS : 8090
HOSE REEL TUBING	THERMOPLASTIC HOSE CONFIRMING TO IS : 12585

RRL HOSE (REINFORCED RUBBER LINED HOSE)

Controlled Percolating Flexible Delivery Hose

FEATURES

Compact, Flexible & Light weight, Abrasion Resistant, Ability to withstand high operating & back Pressure.

Conforming to IS : 636/1988 Type-A

Application : This RRL Hose used for water delivery purpose in Fire-Fighting & Civil Engineering Applications etc.

Jacket : Circular woven jacket made from a special blend of cotton & synthetic yarn with high abrasion and heat resistance Jacket is also treated with suitable rot proofing agent.

Rubber Lining : A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length : 7.5 Mtrs, 15 Mtrs, 22.5 Mtrs & 30 Mtrs.



FEATURES

Compact, Flexible & Light weight, Abrasion Resistant, Ability to withstand high operating & back Pressure.

Conforming to IS : 636/1988

Application : This RRL Hose used for water delivery purpose in Fire-Fighting & Civil Engineering Applications etc.

Jacket : Circular woven jacket made from a special blend of cotton & synthetic yarn with high abrasion and heat resistance Jacket is also treated with suitable rat repellent agent.

Runner Lining : A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length : 15 Mtrs & 30 Mtrs.



RRL HOSE TYPE A



RRL HOSE TYPE A

Controlled Percolating Hose

Hose : Conforming to IS : 8423/1994,

Application : This hose used for water delivery purpose in fire-Fighting irrigation & floor washing etc.

Jacket : Circular woven jacket made from a special synthetic yarn.

Rubber Lining : An ultra thin layer of rubber lining with suitable rubber compound which ensure controlled percolation.

Standard Length : 7.5 Mtrs, 15 Mtrs, 22.5 Mtrs & 30 Mtrs.

End Connection : As per customer requirements

FEATURES

Compact, Flexible & Light weight, Low friction loss, Abrasion resistance Ability to withstand high operating & back pressure.

DIAMETER MM	BURSTING PRESSURE KCF/CM	TEST PROOF PRESSURE KCF/CM	COIL DIAMETER (30 MTR) CM
38	35.7	21.4	44-45
50	35.7	21.4	44-45
63	35.7	21.4	44-45
63	35.7	21.4	44-45



EXTRA COAT RRL HOSE (REINFORCED RUBBER LINED HOSE)

Non Percolating Flexible Delivery Hose

TECHNICAL SPECIFICATIONS

Hose : RRL Hose with Elastomeric Coating conforming to As per IS : 636/1988 Type-A

Application : This RRL Hose is used for water delivery purpose in Fire Fighting, Oil & Power Sector, Industrial Plant, & Sailing Vessels.



OBLIQUE TYPE LANDING VALVE

(Type "A") ISI Marked

TECHNICAL SPECIFICATION

Size : 63 mm
 Inlet : 80 mm NB Flanged
 Outlet : Female Instantaneous
 Conforming Specification : IS : 5290 : 1993

PERFORMANCE TEST

Hydraulic Test : 21 Kg/cm²
 Water Tightness Test : 15 Kg/cm²
 Flow Test : 900 LPM at 7 Kg/cm²

Hand Wheel : Gray Cast Iron
 Hologram : Sticker Stuck on Landing Value

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, ASSEMBLY	STAINLESS STEEL IS : 3444	LBT IS : 318	IS 617
VALVE SPINDLE	STAINLESS STEEL IS : 3444	BRASS ROD IS : 319/320	STAINLESS STEEL IS : 6603
CAST IRON WHEEL	IS : 210	IS : 210	IS : 937 (TYPE-A)
RUBBER WASHER	IS 937 Type A	IS 937 Type A	IS 937 Type A
SPRING	STAINLESS STEEL IS : 6528	Phosphorus	STAINLESS STEEL IS : 6528
ASBESTOS THREAD GLAND PACKING-	IS : 4687	IS : 4687 (TYPE-3)	IS : 4687 (TYPE-3)



Gun Metal



Stainless Steel



Aluminum

DOUBLE OUTLET LANDING VALVE

(Type "B") ISI Marked

TECHNICAL SPECIFICATION

Size : 63 mm
 Inlet : 100 mm NB Flanged
 Outlet : Female Instantaneous
 Material : Gun Metal / Stainless Steel
 Conforming Specification : IS : 5290 : 1993

PERFORMANCE TEST

Hydraulic Test : 21 Kg/cm²
 Water Tightness Test : 14 Kg/cm²
 Flow Test : 1800 LPM at 7 Kg/cm²

Hand Wheel : Gray Cast Iron
 Hologram : Sticker Stuck on Landing Value

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, ASSEMBLY	STAINLESS STEEL IS : 3444	LBT IS : 318	IS 617
VALVE SPINDLE	STAINLESS STEEL IS : 3444	BRASS ROD IS : 319/320	STAINLESS STEEL IS : 6603
CAST IRON WHEEL	IS : 210	IS : 210	IS : 210
RUBBER WASHER	IS 937 Type A	IS 937 Type A	IS 937 Type A
SPRING	STAINLESS STEEL IS : 6528	Phosphorus	STAINLESS STEEL IS : 6528
GLAND PACKING- ASBESTOS THREAD	IS : 4687	IS : 4687 (TYPE-3)	IS : 4687 (TYPE-3)



Gun Metal



Stainless Steel

INLET FBC / BREECHING



2 WAY INLET FBC BREECHING



3 WAY INLET FBC BREECHING



4 WAY INLET FBC BREECHING

MODEL	2 WAY INLET FBC BREECHING
SIZE	63 MM DIA
MATERIAL	GUN METAL / S.S & CAST IRON BODY
TESTING	HYDRAULIC TEST : 21 KG/ CM2

MODEL	3 WAY INLET FBC BREECHING
SIZE	63 MM DIA
MATERIAL	GUN METAL / S.S & CAST IRON BODY
TESTING	HYDRAULIC TEST : 21 KG/ CM2

MODEL	4 WAY INLET FBC BREECHING
SIZE	63 MM DIA
MATERIAL	GUN METAL / S.S & CAST IRON BODY
TESTING	HYDRAULIC TEST : 21 KG/ CM2

SHORT BRANCH PIPE WITH NOZZLE



PERFORMANCE TEST

Hydrostatic Test : Tested at 21 Kgf / cm²
 Working Pressure : 7kgf / cm²
 Finish : Natural Polished
 Halogram : Sticker Stuck on Nozzle



TECHNICAL SPECIFICATION

Size of Branch Pipe : 63 mm
 Size of Nozzles : 6mm, 12 mm, 15 mm, 20 mm and 25mm
 Material : Gun metal / Stainless / Aluminium Alloy
 Conforming Specification : IS 903:1993



TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, ASSEMBLY	STAINLESS STEEL IS : 3444	LBT IS : 318	IS 617
RUBBER WASHER	IS : 937 (TYPE-B)	IS : 937 (TYPE-B)	IS : 937 (TYPE-A)

AUTOMATIC SPRINK

INSTANTANEOUS MALE / FEMALE TYPE COUPLING



TEMPERATURE RATING	155° F / 68° C
GLASS BULB COLOUR	RED
THREAD SIZE	NPT 1/2" OR R 1/2"
MAX. SERVICE PRESSURE	175 PSI
GLASS BULB DIAMETERS (MM)	Ø5

TECHNICAL SPECIFICATION

Size : 63 mm
 Material : Stainless Steel / Gun Metal / Aluminum Alloy
 Conforming Specification : IS 903

PERFORMANCE TEST

Hydraulic Test : Tested at 21 Kgf / cm²
 Finish : Natural Polished
 Halogram : Sticker Stuck on Coupling.



Stainless Steel

Gun Metal

Aluminum

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, ASSEMBLY	STAINLESS STEEL IS : 3444	LBT IS : 318	IS 617
RUBBER WASHER	IS : 937 (TYPE-B)	IS : 937 (TYPE-B)	IS : 937 (TYPE-A)
SPRING	STAINLESS STEEL IS : 6528	PHOSPHORUS WIRE IS : 7608	STAINLESS STEEL IS : 6528

MOBILE FOAM UNIT



THERMOPLASTIC HOSE PIPE (TEXTILE REINFORCED) FOR WATER

IS : 12585 - Type - 1 W.P. 6 kgf/cm²

IS : 12585 - Type - 2 W.P. 10 kgf/cm²

Available in : 20 mm dia & 25 mm dia



STAND POST TYPE WATER AND FOAM MONITOR



FOAM MONITOR

WATER MONITOR

DESIGN & CONSTRUCTION	AS PER IS : 8442
MATERIAL	SEAMLESS MILD STEEL TUBES
SIZE OF MONITOR	63 MM
SIZE OF INLET FLANGE	80 MM
CONSTRUCTION	WELDED FROM M.S. SEAMLESS PIPES, BENDS, ETC.
DISCHARGE CAPACITY	1750 LPM
HORIZONTAL THROW	50-55 METERS
ROTATION	360°
ELEVATION	58° TO 30°
JOINT	SWIVEL TYPE (GUN-METAL)
JET SPRAY NOZZLE	GUN METAL OR ALUMINIUM
OPERATIVE PRESSURE	0.7 N/mm ² AT NOZZLE END
LEAKAGE PRESSURE	TO WITHSTAND A PRESSURE OF 2.3 N/mm ²



INTEL FBC BREECHING CAP



FOG NOZZLE



GUN METAL AIR RELEASE VALVE



M.S.



FB- 10 X



FIRE HOOK



GUN METAL ADAPTER



S.S.



FB- 5 X



REVOLVING NOZZLE



FIRE MAN AXE



HEAT DETECTOR



MULTI PURPOSE NOZZLE



SHUT OFF NOZZLE



FLEXIBLE SPRINKLER HOSE FITTING



SMOKE DETECTOR



MCP BREAK GLASS WITH CHAIN



TRIPLE PURPOSE NOZZLE



SPRINKLE MV SPRAY NOZZLE



FIRE ALARM PANEL



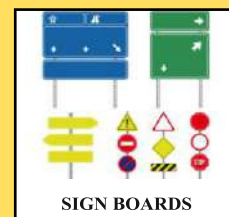
ABS HOOTER



MS HOOTER



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