

Complete Range of Fire Protection



WHEN FIRE DISOBEYS

LIFEGUARD[®]

FIRE PROTECTION EQUIPMENTS & SYSTEMS

ABOUT US

VISION

To be India's most trusted and innovative fire safety solutions provider.

MISSION

To protect lives, assets, and progress with world-class firefighting equipment and breakthrough technologies.

PIONEERING ACHIEVEMENTS

• HMS - Hydrated Mica Suspension

Next-generation extinguishing agent developed specifically for Lithium-ion Battery Fires in EVs, Energy Storage Systems, and high-risk facilities.

• **Bus Passenger & Engine Cabin Fire Detection & Suppression System**
(DRDO - Transfer of Technology) A fully automated alarm, detection, and suppression solution ensuring passenger safety and preventing catastrophic engine fires.

• Agni - Rodhak

Passive Fire Protection Coating (ISRO - Transfer of Technology) Advanced fire-proof coating providing structural resilience and safeguarding assets from extreme fire exposure.



COMMITMENT THAT INSPIRES TRUST

What we say is **COMMITMENT**

What we **DELIVER** is **QUALITY**

What we create is **LIFEGUARD**



OUR LEGACY

Over 40 years of excellence in firefighting equipment manufacturing.

Among the leading ISI-marked fire protection brands in India.

Trusted by Defence, infrastructure, transport, and industrial sectors nationwide.



HMS Fire Extinguisher

1ST TIME IN INDIA



Non-Toxic

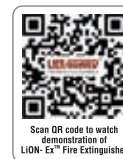


Eco Friendly

LiON-Ex® FOR LITHIUM BATTERY FIRES

APPLICATION AREAS

- 01 ENERGY STORAGE
- 02 AVIATION
- 03 DOMESTIC
- 04 MARINE
- 05 INDUSTRIAL
- 06 LOGISTICS
- 07 SURFACE TRANSPORT



IS-15683
CM/L-8633079

MODEL	LG-181	LG-182	LG-184	LG-186	LG-189
Capacity (Ltr.)	1	2	4	6	9
Anti-Corrosive Inhibitor	Pure Polyester Powder Coating	Pure Polyester Powder Coating	Pure Polyester Powder Coating	Pure Polyester Powder Coating	Pure Polyester Powder Coating
Type of Extinguisher	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Type of Extinguishing Media	Hydrated Mica Suspension	Hydrated Mica Suspension	Hydrated Mica Suspension	Hydrated Mica Suspension	Hydrated Mica Suspension
Expellant	Pressurized with Nitrogen gas	Pressurized with Nitrogen gas	Pressurized with Nitrogen gas	Pressurized with Nitrogen gas	Pressurized with Nitrogen gas
Confirming IS Code Specification	N.A.	15683	15683	15683	15683
Min. Effective Discharge (%)	95	95	95	95	95
Min. Throw Length (mtrs.)	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.
Hydraulic Test Pressure (kgf/cm ²)	35	35	35	35	35
Operating Position	Upright	Upright	Upright	Upright	Upright
Working Pressure (kgf/cm ²)	15	15	15	15	15
Operating Temperature Range (°C)	(+)5°C to (+)60°C	(+)5°C to (+)60°C	(+)5°C to (+)60°C	(+)5°C to (+)60°C	(+)5°C to (+)60°C
Operating Valve	Squeeze Grip Type with Discharge hose & Special Nozzle	Squeeze Grip Type with Discharge hose & Special Nozzle	Squeeze Grip Type with Discharge hose & Special Nozzle	Squeeze Grip Type with Discharge hose & Special Nozzle	Squeeze Grip Type with Discharge hose & Special Nozzle

*Note: HMS can be used with Wheeled Fire Extinguisher for larger applications and Fixed Suppression System for Energy Storage or High Risk Areas

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



IS-15683
CM/L-8633079

Technical Specification

MODEL	LG-121	LG-122	LG-124/224	LG-126/226	LG-129/229
Capacity (Kg)	1	2	4	6	9
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Confirming IS Code	15683	15683	15683	15683	15683
Type of Extinguisher	Constant Pressure	Constant Pressure	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge
Type of Extinguishing Media	Dry Powder IS 14609/IS 4308	Dry Powder IS 14609/IS 4308	Dry Powder IS 14609/IS 4308	Dry Powder IS 14609/IS 4308	Dry Powder IS 14609/IS 4308
Expellant	Pressurized with N2 gas	Pressurized with N2 gas	Pressurized with N2 gas/ 90gm/120gm Gas Cartridge	Pressurized with N2 gas/ 120gm Gas Cartridge	Pressurized with N2 gas/ 200gm Gas Cartridge
Minimum Effective Discharge (%)	85	85	85	85	85
Minimum Jet Length (mtrs.)	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.
Discharge Time (Sec.)	More than 8 sec.	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.
Hydraulic Test Pressure (kgf/cm ²)	35	35	35	35	35
Operating Position	Upright	Upright	Upright	Upright	Upright
Charged Pressure (kgf/cm ²)	15	15	15	15	15
Operating Temperature Range(OC)	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)60
Operating Valve	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Discharge hose and Nozzle	Squeeze Grip Type with Discharge hose and Nozzle	Squeeze Grip Type with Discharge hose and Nozzle
Fire Rating	≤ 1A, 21B, C	≤ 1A, 34B, C	≤ 2A, 89B, C	≤ 3A, 144B, C	≤ 4A, 233B, C



LG-121
Scan QR Code to Watch Demo



LG-122
Scan QR Code to Watch Demo



LG-124
Scan QR Code to Watch Demo



LG-126
Scan QR Code to Watch Demo



LG-129
Scan QR Code to Watch Demo

- Also Available in Stainless Steel Body
- Also available in MAP 90% & UL Listed Powder

WATER/FOAM / WATER MIST

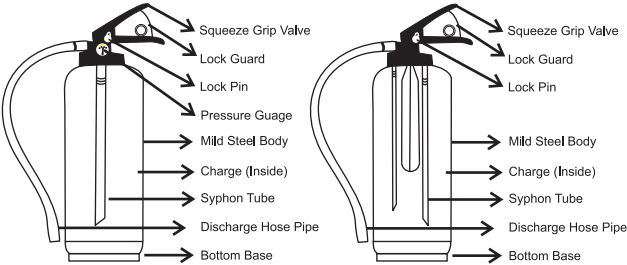
Fire Extinguisher (Stored Pressure/Gas Cartridge Type)



Scan QR Code to Watch Demo

Technical Specification

MODEL	WATER	FOAM	WATER MIST
	LG-109/209	LG-119/219	LG-164 / LG-166 / LG-169
Capacity (Ltr.)	9	9	4 / 6 / 9
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Confirming IS Code	15683	15683	15683
Type of Extinguisher	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge	Constant Pressure
Type of Extinguishing Media	Soft Water	Water & AFFF IS 4989	Soft Water with Additives
Expellant	Pressurized with N ₂ gas/ 90gm/120gm Gas Cartridge	Pressurized with N ₂ gas/ 90gm/120gm Gas Cartridge	Pressurized with N2 gas
Minimum Effective Discharge (%)	95	95	95
Minimum Jet Length (mtrs.)	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.
Discharge Time (Sec.)	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.
Hydraulic Test Pressure (kgf/cm ²)	35	35	35
Operating Position	Upright	Upright	Upright
Charged Pressure (kgf/cm ²)	15	15	15
Operating Temperature Range(°C)	(+)5 to (+)60	(+)5 to (+)60	(+)5°C to (+)60°C
Operating Valve	Squeeze Grip Type with Discharge hose and Nozzle	Squeeze Grip Type with Discharge hose and Nozzle	Squeeze Grip Type with Discharge hose & Special Nozzle
Fire Rating	≤ 3A	≤ 4A, 144B	≤ 2 A, 55B, 15 F, C



LG-209/ LG-219
(3A/ 4A, 144B)



LG-119/ LG-109
(4A, 144B/ 3A)



LG-164 /
LG-166 /
LG-169

Also Available in Stainless Steel Body

Application :- LG-109/209 / LG-119/219

- Class A Fire : Wood, Textiles, Paper, Plastic, Cloths, Cotton, Jute etc.
- Class B Fire : Petroleum, Oil, Diesel, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc..
- Caution : Do not use on Electrical Fire.

Application :- LG-164 / LG-166 / LG-169

1. CAN BE USED ON MULTIPLE CLASSES OF FIRE.
2. CAN BE USED ON FIRES INVOLVING LIVE ENERGIZED EQUIPMENT.
3. TESTED AT 35000 VOLTS.



Technical Specification

MODEL	LG-142	LG-144	LG-146
Capacity (Kg)	2	4	6
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Confirming IS Code	15683	15683	15683
Type of Extinguisher	Constant Pressure	Constant Pressure	Constant Pressure
Type of Extinguishing Media	HFC 236 fa	HFC 236 fa	HFC 236 fa
Expellant	Pressurized with N ₂ gas	Pressurized with N ₂ gas	Pressurized with N ₂ gas
Minimum Effective Discharge (%)	95	95	95
Minimum Jet Length (mtrs.)	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.
Discharge Time (Sec.)	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.
Hydraulic Test Pressure (kgf/cm ²)	35	35	35
Operating Position	Upright	Upright	Upright
Charged Pressure (kgf/cm ²)	18	18	18
Operating Temperature Range(°C)	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)60
Operating Valve	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Discharge hose and Nozzle	Squeeze Grip Type with Discharge hose and Nozzle
Fire Rating	≤ 1A, 21B, C	≤ 1A, 34B, C	≤ 2A, 55B, C

Clean Agent Fire Extinguisher



LG-142
(1A, 21B, C)

Also Available in Stainless Steel Body

Kitchen Portable Fire Extinguisher



IS-15683
CM/L-8633079



LG-154 /
LG-156 /
LG-159



Scan QR Code to
Watch Demo

Technical Specification

PORTABLE	
MODEL	LG-154 / LG-156 / LG-159
Capacity (Ltr.)	4 / 6 / 9
Body	Stainless Steel Body
Confirming IS Code	15683
Type of Extinguisher	Constant Pressure
Type of Extinguishing Media	Wet Chemical
Expellant	Pressurized with N ₂ gas
Min. Effective Discharge (%)	95
Min. Jet Length (mtrs.)	More than 2 mtr.
Discharge Time (Sec.)	More than 13 Sec.
Hydraulic Test Pressure (kgf/cm ²)	35
Operating Position	Upright
Charged Pressure (kgf/cm ²)	15
Operating Temperature Range (°C)	(+)5°C to (+)60°C
Operating Valve	Squeeze Grip Type with Discharge hose & Special Nozzle
Fire Rating	≤ 15 F / ≤ 25 F / ≤ 75 F

LIFE GUARD
FIRE PROTECTION EQUIPMENTS & SYSTEMS

'D' Class Powder Portable Fire Extinguisher



LG-129D

Technical Specification

MODEL	LG-126D / LG-129D
Capacity	6 Kg. / 9 Kg.
Working Temperature	+5°C to +55°C
Cylinder Testing Pressure	35 bar
Service Pressure	12 bar
Filling Tolerance	0,(-)5% by volume
Min. Effective Discharge Time	13 Seconds (Minimum)
Charge	Special D Class Powder
Propellant	Nitrogen

Specially Designed Applicator Nozzle to extinguish metal fire from safe distance.

D type fire extinguishers contain blended sodium chloride based dry powder, heat from fire causes it to cake and form a crust excluding air and dissipating heat from burning metal.



(Automatic Modular Type Fire Extinguisher)

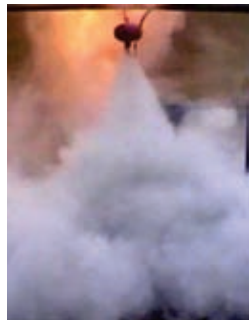


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Watch Demo

Self Triggered Stand Alone Type Fire Extinguisher

Technical Specification

CAPACITY in kg.	2kg Capacity	5kg Capacity	10kg Capacity	15kg Capacity
MODEL	LG-1602/LG-1702	LG-1605/LG-1705	LG-1610/LG-1710	LG-1615/LG-1715
Media	ABC Powder/Clean Agent	ABC Powder/Clean Agent	ABC Powder/Clean Agent	ABC Powder/Clean Agent
Area Coverage	2-3m ² Approx.	3-4m ² Approx.	5-7m ² Approx.	8-10m ² Approx.
Test Pressure	30 kgf/cm ²	30 kgf/cm ²	30 kgf/cm ²	30 kgf/cm ²
Anti Corrosive Treatment	Powder Coated	Powder Coated	Powder Coated	Powder Coated
Shell Diameter	175mm ±5%	240mm ±5%	300mm ±5%	405mm ±5%
Overall Height	185mm±25%	265mm±25%	350mm±25%	255mm±25%
Charged Weight	3.5 kg approx.	7.5 kg approx.	13.5 kg approx.	20.5 kg approx.
Bulb Temperature	56-107 degrees	56-107 degrees	56-107 degrees	56-107 degrees
Charged Pressure	15 kgf/cm ²	15 kgf/cm ²	15 kgf/cm ²	15 kgf/cm ²
Operational time in seconds	5-7	8-10	10-15	18-24
Mounting	Ceiling Mounting Type	Ceiling Mounting Type	Ceiling Mounting Type	Ceiling Mounting Type



Carbon Di-oxide Portable & Wheeled Fire Extinguisher



Technical Specification

MODEL	PORTABLE			TROLLEY MOUNTED			
	LG-132	LG-133	LG-134	LG-336	LG-339	LG-3322	LG-3345
Conforming IS Specn.	15683	15683	15683	16018	16018	16018	16018
Capacity (Kg)	2	3	4.5	6.5	9	22.5	45
Filling Ratio	0.667	0.667	0.667	0.667	0.667	0.667	0.667
Type of Extinguisher	CO ₂ Type	CO ₂ Type	CO ₂ Type	CO ₂ Type	CO ₂ Type	CO ₂ Type	CO ₂ Type
Type of Extinguishing Media	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas
Expellant	Self	Self	Self	Self	Self	Self	Self
Min. Effective Discharge (%)	95	95	95	95	95	95	95
Min. Discharge Time (Sec.)	More than 8	More than 8	More than 8	More than 20	More than 20	More than 20	More than 20
Min. Throw (mtr.)	1	1	2	-	-	-	-
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright	Upright
Operating Valve (IS 3224)	Wheel / Squeeze Grip Type	Wheel / Squeeze Grip Type	Wheel / Squeeze Grip Type	Wheel Type	Wheel Type	Wheel Type	Wheel Type
Operating Temperature Range (°C)	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)60	(-)5 to (+)55	(-)5 to (+)55	(-)5 to (+)55	(-)5 to (+)55
Fire Rating	≤ 21B, C	≤ 34B, C	≤ 55B, C	≤ 55B	≤ 70B	≤ 89B	≤ 89B

Also Available in Light Weight Aluminium Body for Portable Extinguishers



Application :-

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 and Server Room etc.

MODEL	LG-2506	LG-2512	LG-2520	LG-2530
Capacity (in gms)	60	120	200	300
IS Specification No.	4947	4947	4947	4947
Complete Wt Empty (in gms) Approx.	530	810	980	1240
Complete Wt. Charged (in gms)	590	930	1180	1540
Working Pressure at 27±2°C (Kgf/cm ²)	140	140	140	140
Hydraulic Test Pressure (kgf/cm ²)	250	250	250	250
Dia of Pipe (in mm)	45	51	51	51
Overall Height (in mm)	151	181	245	350

CO₂ Gas Cartridge for Fire Extinguishers





Water Controlled Discharge



Foam Controlled Discharge



Powder Controlled Discharge



Wheeled Fire Extinguisher



LG-2145



LG-3145



LG-2225



LG-3250



LG-3275

Technical Specification

MODEL	WATER		FOAM		POWDER		
	LG-2045 LG-3045	LG-2060 LG-3060	LG-2145 LG-3145	LG-2160 LG-3160	LG-2225 / LG-3225	LG-3250	LG-3275
Conforming IS Specn.	16018	16018	16018	16018	16018	16018	16018
Capacity (Ltr.) & (Kg.)	45 (Ltr.)	60 (Ltr.)	45 (Ltr.)	60 (Ltr.)	25 (Kg.)	50 (Kg.)	75 (Kg.)
Type of Fire	A Class	A Class	A & B Class	A & B Class	BC/ABC	BC / ABC	BC / ABC
Type of Extinguisher	Water Type	Water Type	Mechanical foam type	Mechanical foam type	Dry Powder Type	Dry Powder Type	Dry Powder Type
Type of Extinguishing Media	Soft Water	Soft Water	Water & AFFF (2.7Ltrs. of 6% Concentrate)	Water & AFFF (3.6Ltrs. of 6% Concentrate)	Dry Chemical Powder	Dry Chemical Powder	Dry Chemical Powder
Expellant	Internal CO ₂ Gas Cartridge 300gm (IS 4947) / External CO ₂ Gas Cartridge 2 Kg	Internal CO ₂ Gas Cartridge 300gm (IS 4947) / External CO ₂ Gas Cartridge 2 Kg	Internal CO ₂ Gas Cartridge 300gm (IS 4947) / External CO ₂ Gas Cartridge 2 Kg	Internal CO ₂ Gas Cartridge 300gm (IS 4947) / External CO ₂ Gas Cartridge 2 Kg	Internal / External CO ₂ Gas Cartridge 2Kg	External CO ₂ Gas Cartridge 2 Kg	External CO ₂ Gas Cartridge 2 Kg
Min. Effective Discharge (%)	90	90	90	90	85	85	85
Min. Jet Length (mtrs.)	6	6	6	6	6	6	6
Discharge Time (Sec.)	More than 30	More than 30	More than 30	More than 30	More than 30	More than 30	More than 30
Hydraulic Test Pressure (kgf/cm ²)	30	30	30	30	30	30	30
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright	Upright
Operating Temperature Range (°C)	+5 to +55	+5 to +55	+5 to +55	+5 TO +55	(-)5 to (+)55	(-)5 to (+)55	(-)5 to (+)55
Fire Rating	≤ 20A	≤ 20A	≤ 20A, 233B	≤ 20A, 233B	≤ 20A, 233B	≤ 20A, 233B	≤ 20A, 233B

Also available in UL Listed AFFF Chemical & Required capacities may be customized

Water/Foam Wheeled Extinguishers also Available in 135 Litres

Application :-

- Class A Fire : Wood, Textiles, Paper, Plastic, Cloths, Cotton, Jute 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..
- Use AR-AFFF in case of Polar Solvents.

Wheeled Water Mist System & CAFS
(Compressed Air Foam System)

IS-16018

CM/L-8765605



LG-3645

Backpack Water Mist
System & CAFS
(Compressed Air Foam
System)

EN3




LG-3609

Technical Specification

MODEL	LG-3645	LG-3609
Extinguishing Agent Tank		
Conforming IS Specn.	16018	9 Litres
Filling Capacity	45 Litres	-
Material	Stainless Steel / Mild Steel	Stainless Steel
Working Pressure		
Pressure	8.0-9.0 Bar	7.5 Bar
Propellant Gas Bottle		
Medium	Compressed Air	Compressed Air
Pressure Cylinder	Cylinder	Cylinder
Filling Pressure	300 bar	300 bar
Volume	6.8 Litres	2 Litres
Technical Parameters		
Operating Time	More than 30 Seconds	Approx. 35 Sec
Flow Rate	-	24 litres/min
Operating Temperature	+5°C to +55°C	+5°C; Tmax + 60°C
Carrying Device	Ergonomically Shaped	Ergonomically Shaped
Extinguishing Gun		
Changeover Time	Approx. 3 Sec (Jet to spray mode)	Approx. 3 Sec (Jet to spray mode)
Lancing Distance	≥ 15m jet mode	Approx. 13-16m jet mode Approx. 6-7m spray mode
Ratings (Extinguishing Performance)		
A Class Fire	≤ 6A	55 A (as per EN3)
B Class Fire	≤ 233 B	233 B (as per EN3)
Dimensions		
Weight Empty (with the gas bottle & Valve)	40 kg	28 kg



Shut-off Nozzle
LG-421A

Thermoplastic Hose Pipe
LG-421B



LG-421

Technical Specifications

Type : Swinging 180° Wall Mounting
Size : Inlet 20mm/25mm
Conforming Specification : IS 884 : 2025

Performance Test

- Hydrostatic Test : Tested at 21 Kg/cm²
- Range & Water Flow rate test at 7 Kg/cm²
 - (A) Discharge : 27LPM / 44LPM
 - (B) Range (Jet Length) : 6mtr(min)



Material of Construction :

- Hub Sides & Wall Bracket - M.S. / S.S. / Aluminum
- Swivel Joint - Brass
- Pipe with Fitting - Steel of as per :1239 Part I
- Branch Pipe with Nozzle - IS:8090
- Hose Reel Tubing - Thermoplastic Hose (IS:12585)
Rubber Hose (IS:444)

First-Aid Hose Reel



LG-421D

Specifications

Size : Inlet 20mm

Performance Test

- Hydrostatic Test : Tested at 21 Kg/cm²
- Range & Water Flow rate test at 7 Kg/cm²
 - (A) Discharge : 27LPM
 - (B) Range (Jet Length) : 6mtr(min)

Features

- Corrosion Free
- Powder Coated
- Light Weight
- IS:12585 Hose Reel Pipe with Bursting Pressure 14kg/cm²
- Hydraulically clamped CE Marked Nozzle

Compact Type Hose Reel

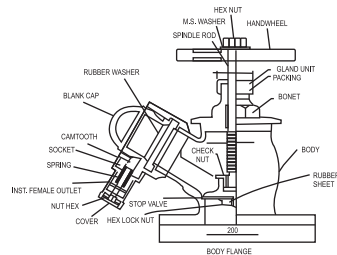
Landing Valve (Type-A)



Gun Metal
LG-401



Stainless Steel
LG-402



Type of Material	Gun Metal	Stainless Steel
Model No.	LG-401/LG-406	LG-402//LG-407
Flow (LPM)	900/1800	900/1800
Water Tightness Pressure	14 Kg/cm ²	14 Kg/cm ²
Hydrostatic Pressure	21 Kg/cm ²	21 Kg/cm ²
Inlet Diameter	75mm / 100mm	75mm / 100mm
Outlet	63mm	63mm



Gun Metal
LG-406



Stainless Steel
LG-407

Landing Valve (Type-B)

Fire Hose Delivery Coupling



Gun Metal
LG-416



Stainless Steel
LG-417



Aluminum
LG-418

Branch Pipe & Nozzle



Gun Metal
LG-411



Stainless Steel
LG-412



Aluminum
LG-413

Type of Material	Gun Metal	Stainless Steel	Aluminum
Model No.	LG-411 / LG-416	LG-412 / LG-417	LG-413 / LG-418
Size	63mm	63mm	63mm
Nozzle Size	12mm / 15mm	12mm / 15mm	12mm / 15mm
Hydrostatic Pressure	21 kgf/cm ²	21 kgf/cm ²	21 kgf/cm ²

Water / Foam Monitor



LG-526 0063
Water Monitor



LG-526 1063
Foam Monitor

Technical Specification

MODEL	LG-526 0063 / LG-526 1075
Material	Carbon Steel
Maximum Operating Pressure	12 Bar (175 PSI)
Flow Rate	1750 LPM @ 7 Bar
Throw Range	55 Meters, Projection Angle : 30°
Inlet Flange	Flanged to IS:1538 100 NB (4") Raised Flange ANSI B 16.5 150 LBS
Monitor Outlet	2.5" Water way / Male BSP Thread Nozzle : Jet / Jet - Spray / Aqua Foam Nozzle with Pickup Tube
Barrel Size / Nozzle	63/32 / 75 / 38
Bore Dia NB	
Hydrostatic Test Pressure	25 Bar
Monitor Rotation	360° continuous
Monitor Elevation	(+)-90° / (-)45°

Mobile Foam Unit



LG-527

It is a self contained Mobile Foam Unit for rapid deployment of foam extinguishing agent to fire in chemical spills where water (in most cases) proves ineffective in quenching hydro carbon liquid based fires in petroleum, chemical and other similar industries. This compact ready for action equipment consist of foam tank inductor, branch pipe and fire hoses ready to plugin to a suitable water supply.

TECHNICAL DETAILS

- Working pressure : 7kgf/cm² to 10kgf/cm²
- Max allowable back pressure : 65% of inlet pressure.
- Hydraulic test pressure : 25kgf/cm² for 5 minutes.
- Inductor : 3% or 6% fixed type
- Inlet / Outlet : Optional : Variable Type 63mm instantaneous Male GM/SS Coupling
- Dip Tube : SS 304
- Pickup Tube : PVC Braided Flexible Hose

Available in SS, MS & FRP

Fire Hose



LG-422B



CM/L-9711381



LG-422H



LG-422A

Technical Specification

Type of Material	R.R.L. Hose Type 1	R.R.L. Hose Type 2	Synthetic Hose Type 3	C.P. Hose
MODEL No.	LG-422A	LG-422R	LG-422B	LG-422H
Inside (inches)	2.5	2.5	2.5	2.5
Dia (mm)	63	63	63	63
Bursting Pressure (kgf/cm ²)	21.4	21.4	25	21.4
Proof Pressure (kgf/cm ²)	35.7	35.7	42	35.7

(Also available UL Listed Fire Hose)

Fire Detection System



LG-545 IV
Fire Control Panel

LG-545 II
Fire Control Panel



LG-521SD
Smoke Detector



LG-521MD
Multi Detector



LG-521HD
Heat Detector



LG-520A
MCB



LG-520B
Hooter



LG-520C
Response Indicator

STANDARD FEATURES

- Complies to IS 2189:1999 and Tested by ERTL (N).
- 2 x 16 character backlit LCD display.
- 2 Wire Communication facility via RS 485 Port. (For Repeater Panel) (optional)
- Lamp test features.
- Complete with integral power supply and battery charger for SMF battery.
- NO/NC contacts for both fire and fault.
- Switches to enable on board operation.
- LCD and LED Indication for open, short circuit, Isolate, Fire in each zone.
- Maximum nos. of Detectors in each zone is 25

Control Panel also available in 6 Zone, 8 Zone, 12 Zone, 24 Zone, 36 Zone and can be customized.

Automatic Sprinkler Heads (ISI Marked)



IS-9972
CML-8700104711

Technical Data (Sprinkler Head)	
Approval :	Bureau of Indian Standards (IS 9972:2002)
Minimum Operating Pressure :	7 psi (0.5 bar)
Maximum Working Pressure :	175 psi (12 bar)
Factory tested hydrostatically to	30 bar
Thread size :	1/2" BSP
Nominal Bore or Orifice size :	15mm
Nominal K-Factor or Discharge coefficient	80±4



Pendent
Type

LG-503B



Sidewall
Type

LG-503F



Upright
Type

LG-503D

Flexible Hose Pipe for Sprinklers



LG-540
Flexible Hose Pipe
for Sprinklers

Egress Edgelit Light



- Features :
- Red LED indication on charging
 - Constant Voltage Charging
 - Fully Electronic, no moving part
 - Reduced maintenance & installation cost
 - Easy Read out
 - As per IS 9583:1981

Technical Specification

MODEL	LG 642
INPUT POWER	12V D.C.
CHARGING CURRENT	60mA
M.O.C.	Aluminium / Acrylic
COLOR	WHITE / GREY
DIMENSION	300mm x 125mm / As per requirement
BATTERY	12 Volts

Photoluminescent Signages

LG-528-01	EXIT	LADIES TOILET	LG-528-11	EXIT	FIRE EXTINGUISHER	LG-528-16
LG-528-02	FIRE EXIT	GENTS TOILET	LG-528-12	NO PARKING	INFORMATION	LG-528-17
LG-528-03	EXIT	FIRE EXIT	LG-528-13	NO SPITTING	NO ENTRY	LG-528-18
LG-528-04	EXIT	EXIT	LG-528-14	NO SMOKING	PARKING	LG-528-19
LG-528-05	WASH YOUR HANDS	FIRE ALARM	LG-528-15	PHONE	FIRST AID	LG-528-20

Customization can be done as per requirement



LG-528 Glow Signages

Emergency Light

IN CASE OF EMERGENCY, THE LED ENLIGHTENS THE PATHWAY TO BE FOLLOWED



Side View

Features :

- Energy efficient & high intensity UL listed LEDs
- Prolonged service life
- Trickle charging
- Minimum maintenance
- Optimum utility
- Smooth operation
- Off white powder coated finishing
- Twin Approx 16 Watt UL Listed LEDS

Technical Specification

M.O.C.	Mild Steel
DIMENSIONS (in mm)	330 x 200 x 125
GROSS WEIGHT	5.00 Kg approx.
INPUT VOLTAGE	220 Volt
CHARGING TIME	10 hours approx.
OPERATING TIME (on Battery)	3.5 hours approx.
BATTERY	7 Amph

Application :-

- Disaster management
- Construction Sites
- No power zone area
- Hospitals / Nursing Homes
- Hotels
- Residential Areas
- Camps
- Theaters
- Corporate Offices
- Airports
- Railway Stations
- Shopping Malls



AGNI-RODHAK FLAMEPROOF COATING

LG-548



PROPERTIES OF AGNI-RODHAK



Flame
Retardant



Thermal
Control



Waterproofing



Durability

HOW TO APPLY

• BY SPRAY • WITH ROLLER • WITH BRUSH • BY DIPPING

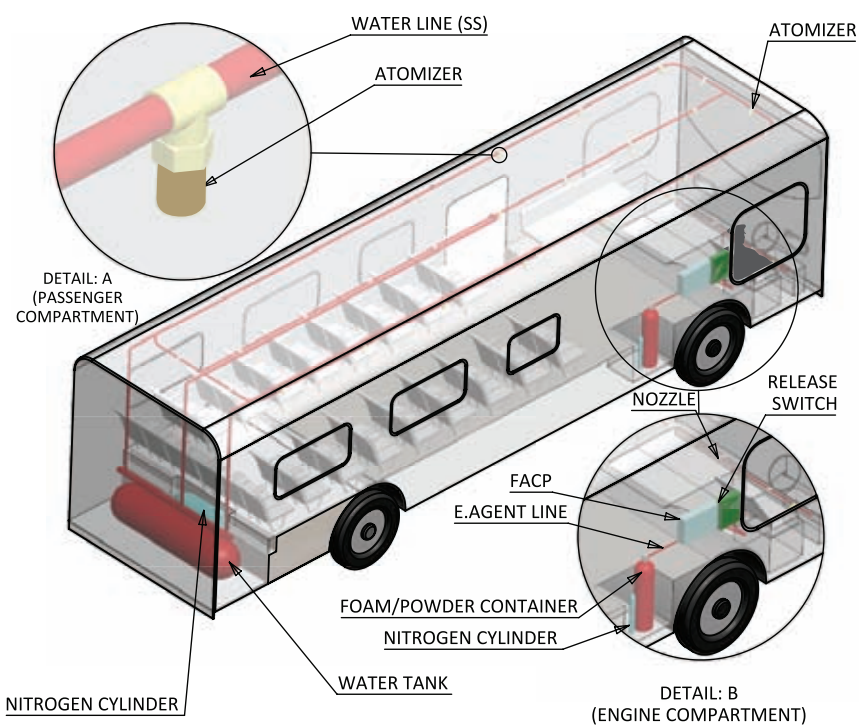
ACCREDITATION / CREDENTIALS

- United Fire Equipments Pvt. Ltd. is licensed to manufacture the product with authorisation from ISRO, Dept. of Space, Govt. of India.
- **AGNI-RODHAK** has been tested and certified by ISRO & NABL accredited lab.

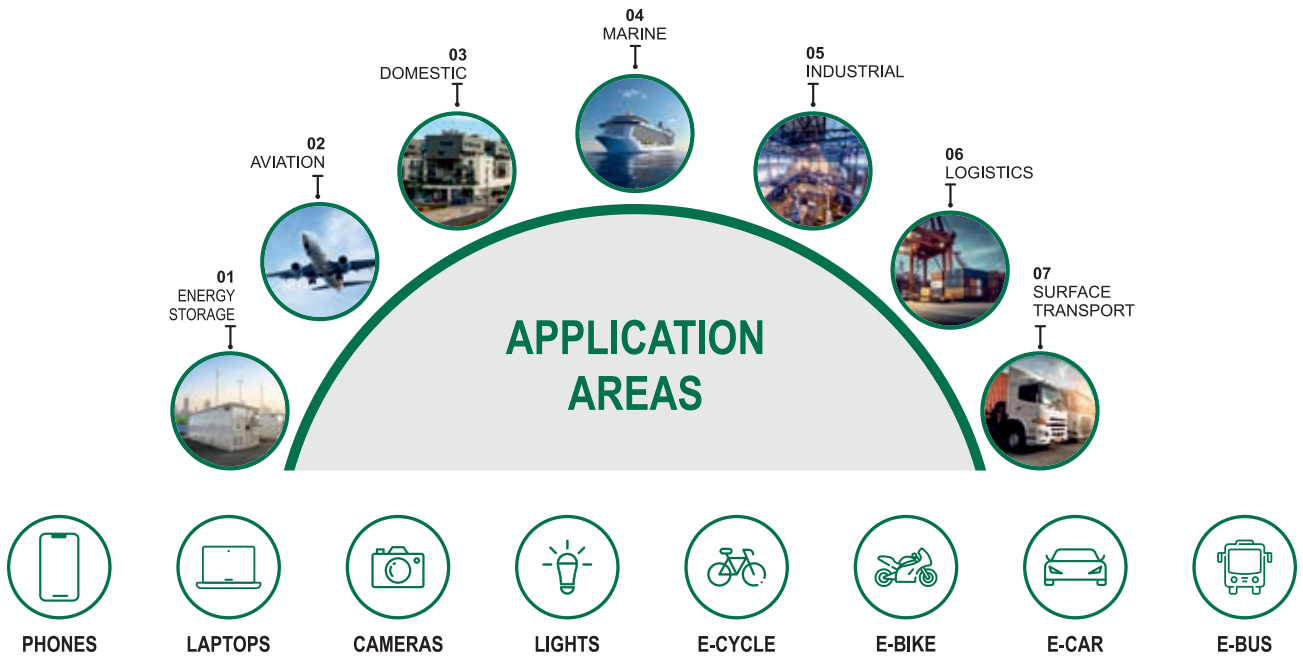
Bus Fire Detection & Suppression Ststem

BUS FIRE DETECTION & SUPPRESSION SYSTEM

(AIS 135 APPROVED)



Vehicle Engines



HMS™ (Hydrated Mica Suspension)

HMS™ Fire Extinguishing Agent: Your Comprehensive Solution for Lithium-ion Battery Fire Safety

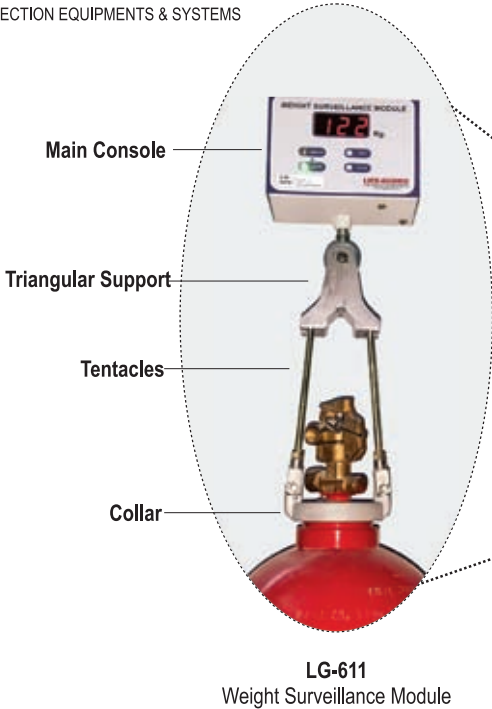
Are you ready to confront the pressing challenge of lithium-ion battery fires head-on? Look no further than HMS™ Fire Extinguishing Agent—the pioneering solution engineered to tackle the distinct risks associated with lithium battery fires by Extinction Mechanism.

Revolutionizing Fire Safety

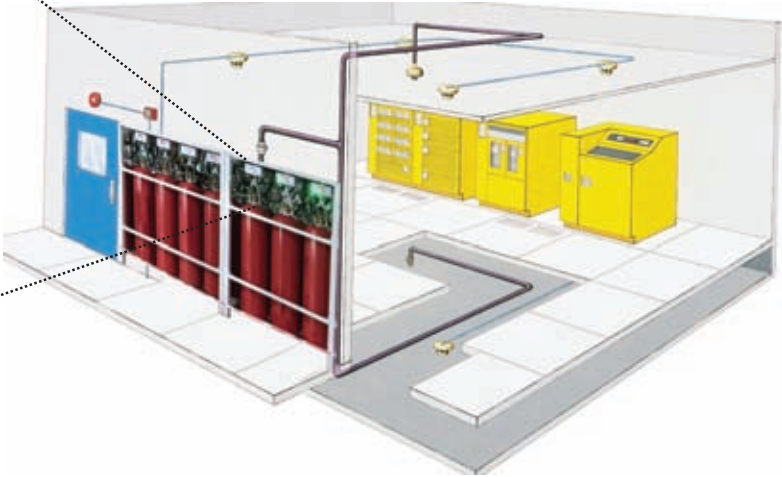
HMS™ isn't just another fire extinguishing option—it's a paradigm shift in fire safety technology especially for uncontrollable lithium-ion battery fires till date. Developed with state-of-the-art innovation, thorough realistic tests on Li-ion battery fires and a profound understanding of lithium-ion battery fire behaviour, HMS™ sets a new standard for performance, efficiency, and reliability.

Total Flooding System

(HFC 227 EA / FK-5-1-12 / Inert Gas / CO₂ Suppression System)



LG-611
Weight Surveillance Module



Tube Based Fire Suppression System



CNC Machines



Electrical Cabinets



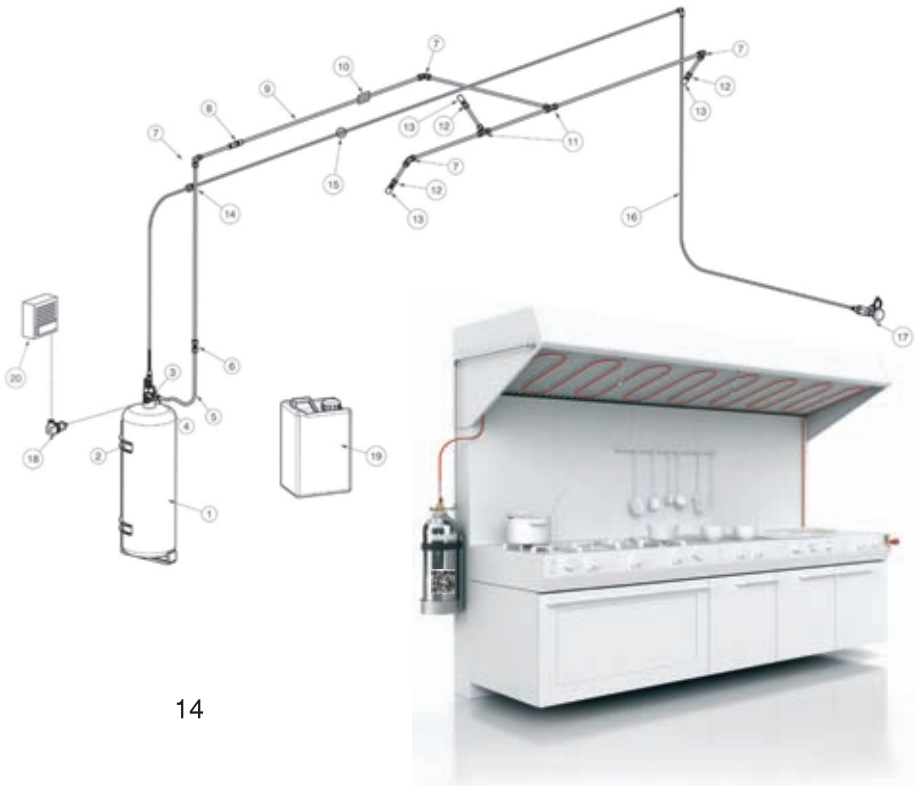
Fume Cabinets

S. No.	Qty	Description
1	1	ILP cylinder / valve assembly 9 Liter (not filled)
2	1	Cylinder bracket
3	1	Gasket
4	1	Tube fitting (nickel plated)
5	1	Steel hose
6	1	Tube fitting - straight union
7	4	Tube fitting - Elbow
8	1	Cross panel-fitting
9	6	Stainless steel tubing (1m)
10	4	Pipe bracket (Ø8mm)
11	2	Tube fitting - Tee
12	3	Tube fitting - straight G 1/4"
13	3	Nozzle
14	1	Cross panel-fitting
15	20	Screw clips for tube attachment
16	1	LIFEGUARD Tube red (10m)
17	1	Manuel release device
18	1	Pressure switch
19	1	LIFEGUARD suppression agent

Optional

20	1	Alarm Box
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Kitchen Hood Fire Extinguishing System



Accessories



Hose Box
LG-501



LG-534
Fire Extinguisher Stand

20000
VOLT TESTED



LG-538
Fire Man Axe



LG-542
Reflective Jacket



LG-525 P
Fire Bucket



LG-525 AC
Fire Bucket Stand with Canopy



LG-525 A
Fire Bucket Stand



4 Way
LG-423A



2 Way
LG-423B
Collecting Heads



LG-502
G.M. Draw out Connection



LG-516
Jumbo Water Curtain Nozzle



LG-524
Fire man Helmet

FIRE EXTINGUISHING CHEMICALS



IS:4989
AFFF Refills
LG-551



IS:4308
Dry Powder (BC)
LG-552



IS:14609
Dry Powder (ABC)
LG-553



LG-504
FB-10X Foam Branch



LG-505
FB-5X Foam Branch



LG-522
Aqua Foam Nozzle



LG-550
Rosette Plate



LG-507
Suction Strainer



LG-508
Foot Valve Strainer



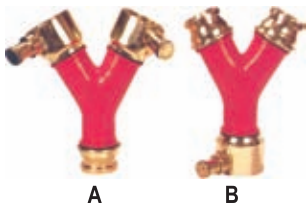
LG-509
Suction Coupling



LG-537
High/Medium Velocity Nozzle



LG-541
Water Curtain Nozzle



LG-506
Dividing Breaching



LG-510
Revolving Branch



LG-511
Fog Branch



LG-512
Triple Purpose Branch



LG-513
Double Male Coupling



LG-514
Double Female Coupling



LG-515
Gun Metal Adaptor



LG-517
Air Release Valve



LG-549
Fire Rescue Kit



LG-518
Electric Siren



LG-519
Manual Siren (Hand Operated)



LG-543
Gum Boots



LG-535
Fire Blanket



LG-522
Hand Control Fast
Action Nozzle



LG-530
Fire Hook



LG-531
Fire Beater



LG-533
Rope Ladder

LIFEGUARD[®]

FIRE PROTECTION EQUIPMENTS & SYSTEMS

Esteemed Clients

			 Delhi Metro Rail Corporation	 AIIMS		 Airport Authority of India
		 KPCL	 MPPTCL		 CIDCO	 MHADA
	 नर्मदा नगर विकास बोर्ड				 CHENNAI METRO RAIL	 बी एच ई एल
			 एन एच पी सी	 INDRAPRASTHA GAS LIMITED	 IndianOil	 ipgcl
 डामोदर घाटी निगम	 VIZAG STEEL Pride of Steel A Navratna Company	 पावरग्रिड	 एन टी पी सी	 ओ एन जी सी	 सेल SAIL	 MIDHANI
	 बैंक ऑफ इंडिया Relationships beyond banking.			 बी एंड आर		 State Bank of India
		 Turning dreams into reality	 Enduring quality and trust		 SOWPARNIKA Delivering Happiness	
				 TRUST, IT'S WHAT WE BUILD		
					 THE MEDICITY	
			 लार्ड ऑफ लाइफ LIFE INSURANCE CORPORATION OF INDIA			

ashirvad

MANA
LIVE BRILLIANTLY

JAMP
GROUPS PROPERTY

एम एम आर डी ए
MMRDA



UNITED FIRE EQUIPMENTS PVT. LTD.

AN ISO 9001:2015 CERTIFIED COMPANY

New Delhi - 110034

Navi Mumbai - 400701

www.lifeguardindia.in



We reserve the right to alter specifications without prior notice.
Please refer the latest IS Codes for detailed information.

For Genuine **LIFEGUARD**® Brand ISI Mark Fire Fighting Equipments Check Twice "3D" Hologram Sticker & Engraved

Authorised Dealer / Distributor