

Portable Inflatable Lighting System With Metal Halide Lamp

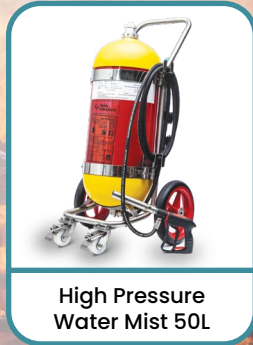
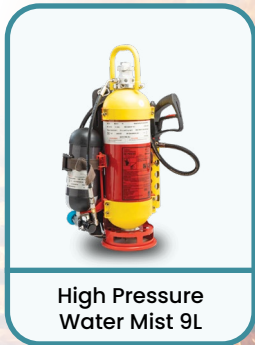


Portable Inflatable Lighting System With Metal Halide Lamp

Technical Specifications	Portable Inflatable Lighting System (Metal Halide Lamp)
Lumen Output (minimum)	40000L
Inflatable lighting tower area coverage	8,000 sq. meters
Fuel tank capacity for continuous running hours of genset	8 Liters runs for more than 8 hours
Generator Power Output	1.2 (KVA)
Balloon height in inflated condition from ground level	4.5m+
Maximum time taken to inflate the balloon	1 Minute Max
Overall dimensions in deflated condition nominal	585x450x 520 (mm) (closed) Tolerance ± 5%
Max total weight of complete system (excluding fuel, storage box and accessories)	50 Kg Max Tolerance ± 5%

High Pressure Water Mist

FIRE EXTINGUISHER

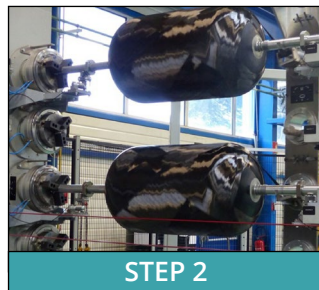


First Responders have to deal with all kinds of fire and also congestion. Different types of extinguisher for different kind of fires are in use. Lancing distance is very less and not able to approach the fire. In the existing setup We use powder + foam to avoid reignition.

This is a cumbersome process. This traditional method can be overcome by using Water Mist and by adding foam in this Technology.

All these issues are solved by High Pressure Water Mist Technology.

PRODUCTION OF PET LINER VESSEL



Technical Specifications	9L Ultra lite Carbon Composite PET Liner Vessel	50L Ultra lite Carbon Composite PET Liner Vessel
Operating Pressure	37 Bar	37 Bar
Weight Of Filled System	20 Kg (Approx)	88 kg (Approx)
Minimum Length of Hose	1.3 m	5 m
Ultra-lite Carbon Composite PET Liner PESO Approved Cylinder - 20 years shelf life	2L x 300 Bar	6.8L x 300Bar
Weight Of Extinguisher Gun (Approx)	750 gms	750 gms.
Minimum Functional Time With Continuous Jet (Approx)	26+ sec	145 seconds
Minimum Lancing Distance with Jet Mode	12 m	12 m
Propellant	Compressed Air	Compressed Air
Minimum Fire Rating	A21, B183	55A , IVB

NOTE: As per EN3 standard clause No. 3.2 the weight should be under 20 kg for backpack, thus we are complying with the same.