



**For  
Power  
Utilities**

## High Pressure Water Mist & CAFS

### Client List

- MSETCL
- Power Grid
- Delhi Transco
- Andaman State Electricity Board
- CSPTCL and many more...

### Product Search in GEM

Market → Browse All Categories  
→ Search → Watermist And Caf Fire  
Extinguisher High Pressure Back  
Pack Type

or  
scan QR  
Code



Applicable on all classes of fire



Aska Hand-Held + Backpack - 9L

EN3-7 Standard



Spare Air Cylinder 2L/300 Bar Carbon  
Composite Pet Liner Can Be Used With  
Emergency Escape Breathing Apparatus.



DIN1866 Standard

Aska Trolley Mounted - 50L



Spare Air Cylinder 6.8L/300 Bar Carbon  
Composite Pet Liner Can Be Used With  
Breathing Apparatus.

## The Problem

We see conventional fire extinguisher placed in sub-station which have minimum fire performance / rating and throw range is upto 5m. Maintenance is a big and ongoing issue. It is difficult to hold 17kg extinguisher in hand and do fire fighting and mostly there is no control discharge with conventional fire extinguisher. For refilling also we need to send them outside and bear the cost. We don't know what is the quality of refill also. Everybody is helpless to see crores of rupees of damage in case of substation fire (transformer fire, cable trench fire and CTPT fires, Oil insulated circuit breakers, engine driven generator area fires). Further Trolley Mounted conventional 50L systems can not be moved due to weight and uneven surface and throw range is very less.

## The Solution

Aska High Pressure Water Mist & CAFS is an effective first responder as it assures maximum fire performance / rating of A55, B233, E1000V with a control discharge and light weight gun of 750 grams approx. The lancing distance is 14 meters and is applicable on all three classes of fire (Class A, Class B & Live Electrical / Short Circuit Fires). During a substation fire electrical supply is automatically cut off. Our 9L Backpack Mounted and Trolley Mounted 50L system can act as an effective first responder to above applicable areas of fire.

We have given option to customer to go with 10m hose in our 50L system at an additional cost with lancing distance of 16m+ as the user only needs to carry 750 grams weight of the gun in his hand instead of moving a trolley in uneven surface.

CSPTCL & BSPTCL have already made this technology part of projects.



## Advantages Of Aska Water Mist + CAFS

- ◀ Constant operating pressure with negligible recoil.
- ◀ Light weighted gun of 750 grams (approx.).
- ◀ Suitable for Class A, Class B and Live Electrical Fire.
- ◀ System is tested on 35 KV as per EN 3 standard
- ◀ Backpack, Hand Held System and Trolley mounted.
- ◀ CFRP - Carbon Fiber Reinforced Polymer / Light weight anti corrosive aluminum alloy vessel.
- ◀ PESO approved Pet Liner Air Cylinder and NOC for the vessel.
- ◀ Flowing contaminated water can be used to fight fire.
- ◀ Stream can be controlled.
- ◀ Tested for 600 refills in a year & maintenance free design.
- ◀ After sales service and spare parts available.
- ◀ Pressure gauge on the system as per EN 3 standard.
- ◀ Negligible collateral damage.

## Technical Specifications

Specifications	9 Liter Ultra Light Carbon Composite With PET Liner	50 Liter (Aluminium Alloy)
Operating Pressure	38 Bar, Constant	34 Bar
Weight Of Empty System	9.5 Kgs (Approx.)	55 Kg (Approx.)
Weight Of Filled System	19.8 Kg (Approx.)	120 Kg (Approx.)
Diameter	180 mm	420 mm
Height	670 mm	740 mm
Minimum Length Of Hose	1.3 meter	5 meter
PESO Approved Composite Cylinder Pet Liner Material - 20 years life	2L x 300 Bar	6.8L x 300 Bar
Weight Of Extinguisher Gun (Jet Model)	750 gms. (Approx.)	750 gms. (Approx.)
Minimum Functional Time With Continuous Jet	26+ sec. (Approx.)	80 sec. (Approx.)
Lancing Distance With Jet Mode	14+ meter	15 - 17 meter
Propellant	Compressed Air	Compressed Air
Fire Rating	A55, B233, E1000V	A55 (min.), IV B, E1000V

NOTE : 9L High Pressure System achieves additional A68 fire rating. This is achieved in combination of two wooden pallets together A68 (A55+A13). This is achieved using special foam as per EN standard. This is higher than prescribed limit but it is in user's interest and which is also allowed by EN & DIN Standards.

Our systems are tested from international laboratory (NABL accredited) and 50L system is also tested by CBRI Fire Lab, Roorkee as per the standard requirement.

Tested & Approved By



**aska**<sup>®</sup>

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