

aska®



NDMA, MHA, NFSC
& CISF are using High
Pressure Water Mist & CAFS
Technology

**For Government
Buildings /
Premises**


<https://www.gem.gov.in>

High Pressure Water Mist & CAFS

Government Buildings

- CPWD
- PWD

Client List

- Prime Minister Office
- Parliament
- President Estate
- MHA Government Building
- Karnataka Secretariat
- Kerala Secretariat
- J&K Secretariat
- SPG

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Extinguisher High Pressure Back
Pack Type

or
scan QR
Code



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.



Aska Fire Fighting Motor Bike For
Rapid Response (The Blaze Buster)
Carrying 2 x 9L

The Problem

Whenever we see a short circuit fire we are helpless and confused which extinguisher to be used and they have minimum fire rating and lancing distance. Maintenance is a big and ongoing issue. It is difficult to hold 17kg extinguisher in hand and do fire fighting.

For refilling also we need to send them outside and bear the cost. Further everybody is helpless to see crores of rupees damage and wait for the fire tender to arrive, the fire tender dowses the fire but does lot of collateral damage by flooding of excessive water.

We have parking lots, genset, record rooms and most important is the valuable human life and data which cannot be recovered in case of fire.

The Solution

High Pressure Water Mist & CAFS is an effective first responder as it assures maximum fire rating of A55, B233, E1000V with 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).



Askas Fire Fighting Motor Bike For Rapid Response (The Blaze Buster) Carrying 2 x 9L

Advantages Of Askas 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.

aska[®]

Askas Equipments Ltd.

Applicable on all classes of fire

Tested & Approved By



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