

aska®



NDMA, MHA, NFSC
& CFEES have suggested
High Pressure Water Mist &
CAFS part of Fire stations /
Fire Tenders

**For Fire
Services**

**(NDMA Recommended
Technology)**

Client List

Delhi Fire Services - J&K Fire & Emergency Services
MP State Fire Services - UP State Fire Services
HP State Fire Services - UK State Fire & Emergency Services
AP State Fire & Emergency Services
Telangana State Fire & Emergency Services
Karnataka State Fire & Emergency Services
Tamil Nadu State Fire Services
Kerala State Fire Services
Assam Fire & Emergency Services
West Bengal State Fire & Emergency Services
Gujarat Municipal Corporations
Maharashtra State Fire Services
Haryana State Fire Services
CFEES, DRDO, MIDC, CISF, NFSC
and many more...

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→ Search → Watermist And Caf Fire
Extinguisher High Pressure Back
Pack Type

or
scan QR
Code



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

High Pressure Water Mist & CAFS



Aska Hand-Held + Backpack - 9L

EN3-7 Standard



DIN1866 Standard

Aska Trolley Mounted - 50L



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

The Problem

Fire & Emergency Service personal would like to respond immediately to douse Class A, Class B and Live Electrical fires but the problem is traffic, congested lanes and narrow areas.

Presently at the scene of fire conventional extinguishers are being used which give minimum fire performance and lancing distance. Maintenance is a big and ongoing issue. It is difficult to hold 19kg extinguisher in hand and do fire fighting.

Further we need to keep a fire tender and conventional fire extinguishers in govt. functions also. It is also difficult to move fire tender in congested areas / lanes.

The Solution

Aska 9L High Pressure Water Mist & CAFS is a perfect solution to this situation, which assures maximum fire rating of A55, B233, E1000V with a control discharge and light weight gun of 750 grams approx. The lancing distance is 14m and above and also applicable on all three classes of fire (Class A, Class B & Live Electrical / Short Circuit fires). This is available in 9L as backpack mounted and also the same can be mounted on bikes for entering narrow / congested lanes. 50L capacity in trolley mounted is also perfect answer to govt. functions. **All 9L, bike mounted 9L backpack version and 50L are available on GEM.**

Further few state fire services have started replacing 300L/600L conventional mist system with 2 nos. 50L as maximum fire ratings are assured and no maintenance issues and certification as per DIN 1866 standards are available for the same.

Further Karnataka, Kerala, J & K state fire services have placed backpack and trolley system in CM House, Governor Hse, Secretariat, High Court etc as applicable.



Aska Trolley Mounted - 50L

DIN1866 Standard



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 & 36 KV as per IS:15683:2006.
- ▶ Backpack and Hand Held System.
- ▶ 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	6L 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[®]

Aska Equipments Ltd.

Applicable on all classes of fire Tested & Approved By



R-482, New Rajendra Nagar, Ganga Ram Hospital Square, Shankar Road, New Delhi -110060

Tel. : +91-11-49458800 (30 lines)
Fax: +91-11-49458844

Email: info@askagroup.com
website: www.askagroup.com

Sales & Service Centers

DELHI - MUMBAI - BANGALORE - HYDERABAD - KOLKATA - CHENNAI - LUCKNOW
AHMEDABAD - KOLKATA - CHENNAI - BANGALORE - GUWAHATI - THIRUVANANTHAPURAM

Customer Support

customercare@askagroup.com