

# aska®



**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  
Telengana 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  
MIDC  
CISF  
NFSC .... and many more



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

## High Pressure Water Mist & CAFS



Aska Hand Held + Backpack - 10L

Aska Hand-Held + Backpack - 9L

EN3-7 Standard



Aska Fire Fighting Motor Bike For  
Rapid Response (The Blaze Buster)  
Carrying 2 x 9L/10L

## 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 High Pressure Water Mist & CAFS is a perfect solution to this situation, which assures minimum fire rating of A55, B233, E1000V with a control discharge and light weight gun of 750 grams approx. The lancing distance is 12-15m and is applicable on all three classes of fire (Class A, Class B & Live Electrical / Short Circuit fires). This is available in 9L/10L 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/10L bike mounted versions 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.



Aska Trolley Mounted - 50L

DIN1866 Standard



## Advantages Of Aska Water Mist + CAFS

- ▶ Constant operating pressure of 34/38 bar 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.
- ▶ Light weight anti corrosive aluminum alloy vessel/ CFRP - Carbon Fiber Reinforced Polymer
- ▶ 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 vessel as per EN 3 standard.
- ▶ Negligible collateral damage.

## Technical Specifications

Specifications	9 Liter Carbon Vessel	10 Liter (Aluminium Alloy)	50 Liter (Aluminium Alloy)
Operating Pressure	38 Bar, Constant	34 Bar	34 Bar
Weight Of Empty System	9.5 Kgs (Approx.)	16 Kg (Approx.)	55 Kg (Approx.)
Weight Of Filled System	19.8 Kg (Approx.)	27 Kg (Approx.)	120 Kg (Approx.)
Diameter	180 mm	200 mm	420 mm
Height	670 mm	640 mm	740 mm
Minimum Length Of Hose	1.3 meter	1.3 meter	5 meter
PESO Approved Composite Cylinder Pet Liner Material - 20 years life	2L x 300 Bar	2L x 300 Bar	6L x 300 Bar
Weight Of Extinguisher Gun (Jet Model)	750 gms. (Approx.)	750 gms. (Approx.)	750 gms. (Approx.)
Minimum Functional Time With Continuous Jet	26+ sec. (Approx.)	23 sec. (Approx.)	80 sec. (Approx.)
Lancing Distance With Jet Mode	14+ meter	12-15 meter	15 - 17 meter
Propellant	Compressed Air	Compressed Air	Compressed Air
Fire Rating	A55, B233, E1000V	A55, B233, E1000V	A55 (min.), IV B, E1000V

NOTE : Plz note 9L & 10L system achieve A68 and A63 fire ratings respectively. These are achieved in combination of two wooden pallets together A68 (A55+A13) & A63(A55+A8). This is achieved using special foam as per EN standard. These are higher then prescribed limit but in users intrest.

Our systems are tested from international lab (NABL accredited) and CBRI Fire Lab, Roorkee as per the standard.

**aska**<sup>®</sup>

Aska Equipments Ltd.

Applicable on all classes of fire

Tested & Approved By



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## Sales & Service Centers

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