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, OF, INDIAN - NAVY / AIR FORCE / ARMY, MIDC,
  CISF, NFSC, AAI, BIAL, KIAL, IAF, BARC, NPCIL, ISRO, CONCOR, AP
  WAREHOUSE, JSW, TATA STEEL, SAIL, CIL, MOIL
  and many more...

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

High Pressure Water Mist & CAFS

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.

Aska Trolley Mounted - 50L
- DIN1664 Standard
- 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

Product Search in GEM
- Market ➔ Browse All Categories
- Search ➔ Watermist And CAF Fire Extinguisher High Pressure Back Pack Type
  or scan QR Code

https://www.gem.gov.in
The Problem

Fire & Emergency Service personnel 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 17kg 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 12m 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.

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 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

<table>
<thead>
<tr>
<th>Specifications</th>
<th>9 Liter Ultra Light Carbon Composite with PET Liner</th>
<th>50 Liter (Aluminium Alloy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Pressure</td>
<td>38 Bar, Constant</td>
<td>34 Bar</td>
</tr>
<tr>
<td>Weight Of Empty System</td>
<td>9.5 Kgs (Approx.)</td>
<td>55 Kgs (Approx.)</td>
</tr>
<tr>
<td>Weight Of Filled System</td>
<td>19.8 Kg (Approx.)</td>
<td>120 Kg (Approx.)</td>
</tr>
<tr>
<td>Diameter</td>
<td>180 mm</td>
<td>420 mm</td>
</tr>
<tr>
<td>Height</td>
<td>670 mm</td>
<td>740 mm</td>
</tr>
<tr>
<td>Minimum Length Of Hose</td>
<td>1.3 meter</td>
<td>5 meter</td>
</tr>
<tr>
<td>PESO Approved Composite Cylinder Pet Liner Material - 20 years life</td>
<td>2L x 300 Bar</td>
<td>6.8L x 300 Bar</td>
</tr>
<tr>
<td>Weight Of Extinguisher Gun (Jet Model)</td>
<td>750 gms. (Approx.)</td>
<td>750 gms. (Approx.)</td>
</tr>
<tr>
<td>Minimum Functional Time With Continuous Jet</td>
<td>26+ sec. (Approx.)</td>
<td>80 sec. (Approx.)</td>
</tr>
<tr>
<td>Lancing Distance With Jet Mode</td>
<td>12+ meter</td>
<td>15 - 17 meter</td>
</tr>
<tr>
<td>Propellant</td>
<td>Compressed Air</td>
<td>Compressed Air</td>
</tr>
<tr>
<td>Fire Rating</td>
<td>A55, B233, E1000V</td>
<td>A55 [min.], IV B, E1000V</td>
</tr>
</tbody>
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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.