For Police & Paramilitary Services

Police Client List
AP PHQ  Chhattisgarh PHQ
Gujarat PHQ  BPR&D HQ & Regional Offices
UP Police  Assam Police
Karnataka Police  Port Blair Police

Paramilitary Client List
BSF  SSB
NSG  SPG
CRPF  ITBP
CISF  Assam Rifles
and many more ...

High Pressure Water Mist & CAFS

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

Aska Hand-Held + Backpack - 9L
EN3-7 Standard

Aska Trolley Mounted - 50L
DIN1866 Standard

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

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https://www.gem.gov.in
The Problem
We are modernizing equipments, buying latest gadgets, weapons but to protect our valuable assets (Office Buildings, MT Section, Storage Depots, Ammunition Depots, FSL Labs) and valuable human life we still rely on vintage extinguishers. Whenever we see a short circuit fire we are helpless and confused which extinguisher to be used. Maintenance is a big and ongoing issue. It is difficult to hold 17kg extinguisher in hand and do fire fighting. Lancing distance is also very less 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.

The Solution
Aska High Pressure Water Mist & CAFS is a perfect solution to this problem 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 1w meters and is 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 50L capacity in trolley mounted on GEM. These systems can also be used during riot control situation effectively to douse fire. In house refilling is possible and training is given for the same. Its an effective and proven first responder.

Advantages Of Aska Water Mist + CAFS
- Constant operating pressure with negligible recoil.
- Flowing contaminated water can be used to fight fire.
- Light weighted gun of 750 grams (approx.).
- Stream can be controlled.
- Suitable for Class A, Class B and Live Electrical Fire.
- Tested for 600 refills in a year & maintenance free design.
- System is tested on 35 KV as per EN 3 standard
- After sales service and spare parts available.
- Backpack and Hand Held System.
- Pressure gauge on the system as per EN 3 standard.
- CFRP - Carbon Fiber Reinforced Polymer / Light weight anti corrosive aluminum alloy vessel.
- 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 Kg [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</td>
<td>2L x 300 Bar</td>
<td>6.8L x 300 Bar</td>
</tr>
<tr>
<td>Pet Liner Material - 20 years life</td>
<td></td>
<td></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</td>
<td>26+ sec. [Approx.]</td>
<td>80 sec. [Approx.]</td>
</tr>
<tr>
<td>Continuous Jet</td>
<td></td>
<td></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>
</table>

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 CBRN Fire Lab, Roorkee as per the standard requirement.

Applicable on all classes of fire

Tested & Approved By

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