For Defence

Client List
Ordinance Factory
Khamaria, Nagpur, Korwa
Khadki, Jabalpur, Ishapore
Nilgiri
DRDO
CFEES, Deseidoc
Defence Laboratory Jodhpur,
DERL Hyderabad, RCI Hyderabad,
ADE Bangalore, CAIR Bangalore,
NPOL Kochi, TBRL Chandigarh,
Metcalfe House, Sitargarh,
CVRDE

Army
Northern Command
Eastern Command
South Western Command
Southern Command
Western Command
MES, CAD Pulgaon

Air Force
Air Force HQ Fire Services - ORG Branch
CAC

Navy Dockyards
Eastern Command
Western Command
NAD

High Pressure Water Mist & CAFS

Aska Hand-Held + Backpack - 9L
ENS-7 Standard
Spare Air Cylinder 2L/300 Bar

Aska Trolley Mounted - 50L
DIN1866 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

CFEES recommended for Fire Tenders / Fire Stations
CQAIE Recommended Technology
INS Shivaji recommended for Shore Establishments

Market ➔ Browse All Categories ➔ Search ➔ Watermist And CAF Fire Extinguisher High Pressure Back Pack Type

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https://www.gem.gov.in
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 conventional fire extinguishers having 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.
Further we need to keep a fire tender and conventional fire extinguishers in functions also. It is also difficult to move fire tender in congested areas / lanes / mountain terrain.

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 hilly areas. 50L capacity in trolley mounted is also perfect answer to MT section area, workshops, repair yards, substations etc. All 9L, bike mounted 9L backpack version and 50L are available on GEM.

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>
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<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 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>14+ 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 CBRI Fire Lab, Roorkee as per the standard requirement.