GENERAL DESCRIPTION

The FB5X is made of lightweight aluminium alloy, easy to handle Foam Making Branchpipe ideal for Fire Brigade first line appliances and general industrial use. It will operate from water supply of 230 L/min at 5.5 bar.

FEATURES

- Light weight compact self inducing high output Branchpipe
- Simple water shut-off valve
- Wide operating pressure range
- Long range jet

TECHNICAL DATA

- Water Requirement : 230 L/min
- Operating Pressure Range : 5 to 10.5 bar
- Foam Liquid : P, FP, FFFP, AFFF, AR and S
- Foam Ratio : 1 to 10 times
- Jet Length Maximum : 20mtr
- Coupling Inlet : 2.5” instantaneous (M) (Al. Alloy)
- Foam Pick-up : 20mm Quick Release
- Material : Light Alloy Aluminium
- Weight : 3.2 Kg
GENERAL DESCRIPTION

Foam Making Branch Pipe FB 10X capable of mixing & producing foam 450 LPM @ 7 kg inlet pressure. Working Pressure 7 kg/cm², Foam Expansion ratio 1:10

FEATURES

- Light weight compact self inducing high output Branch Pipe
- Wide operating pressure range
- Long range jet

TECHNICAL DATA

- Operating Pressure Range: 7 to 10.5 bar
- Foam Liquid: Standard AFFF Compound
- Foam Ratio: 1:10
- Jet Length Maximum: 24mtr
- Coupling Inlet: 2.5" Instantaneous (M) (Al. Alloy)
- Foam Pick-up: 20mm Quick Release
- Material: Light Alloy Aluminum
- Weight: 3.7 Kg
FEATURES:

- Strong Light Weight Aluminium Construction.
- Constant Selectable Flow Rate.
- Tight Stream and 130° Wide Dense Fog Pattern.
- Quality Stream Performance Even at Low Pressure.
- Working Pressure: 100 Psi or 7 Bar.
- Connection Size Available: 63mm Instantaneous Male Coupling.
- Max. Flow Distance: > 34 M.
- Flow Rate: 380 – 480 – 650 – 780 LPM
- Unit Weight: 3.5 Kg Approx.
The Portable Ground Monitor has been specially designed to combine very light weight with excellent stability. It is robust and effective and can very quickly be brought into use. It folds compactly for vehicle stowage.

**FEATURES:**

- Strong Light Weight Aluminum Construction
- Excellent for Use with Foam Nozzle, Adjust Flow Nozzle or Straight Flow Nozzle
- 360° Horizontal Rotation, -20° to 80° Up and Down Rotation.
- Connection Size: 2.5”
- Connection Type: British Instantaneous.
- Working Pressure: 100PSI or 7 Bar.
- Weight: Without Nozzle 14 Kg.
- Max Flow Distance : > 33Mtr.
The water and water foam monitor of 63mm and 75mm size are trolley mounted. The trolley is fabricated out of steel sections and is having four wheels. Low profile design provides low center of gravity for enhanced operational stability. The water supply to the monitor is through instantaneous male connection provided in the manifold. The trolley is fixed with rubber wheels. The trolley can be easily maneuvered by one person.

- **Body**: Carbon Steel Water Ways (Hot Dip Galvanized)
- **Inlet**: 2 1/2” Male Instantaneous With NRV
- **Outlet**: Nozzle made of Alum. Alloy / Gun Metal
- **Support**: Legs for better rigidity during operation
- **Wheels**: Solid Rubber Four Wheels
- **Hydrostatic test**: Tested at 23 kgf/cm²
- **Discharge**: 1750LPM
- **Working Pressure**: 7 kgf/cm²
GENERAL DESCRIPTION

The Inline foam inductors are designed to feed foam concentrate at a set mixing rate into the hose line. Inductors are placed in the delivery line between the pump and the foam nozzle and can be used for medium and also for heavy foam nozzles. Inline foam inductor 225/450 LPM flow rate, variable induction 0 % to 6%. Aluminum body with 2.1/2" instantaneous connections and complete with pick up tube.

- Inlet and Outlet Connections
- Foam induction rates can be adjusted from 0% to 6%
- Body material : Aluminium
- Inbuilt non return valve to foam inlet
- Foam concentrate drawn through a Pick up tube
- Light weight, portable.
OVERVIEW

Water mist fire extinguishing equipment is one of the new equipment with the characteristic of high technology, high efficiency in fire extinguishing, environmental protection, water saving, convenient to carry, and low price & maintaining cost. With the advanced fire extinguishing chemicals, it can highly increase the fire extinguishing efficiency, decrease the water waste and avoid the more serious catastrophe.

TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>NO.</th>
<th>ITEMS</th>
<th>CONTENT</th>
<th>PARAMETERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>AIR BOTTLE</td>
<td>WORKING VOLUME L</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PRESSURE</td>
<td>300 BAR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STORAGE GAS</td>
<td>COMPRESSED</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEALING TEST PRESSURE</td>
<td>450 BAR</td>
</tr>
<tr>
<td>2.</td>
<td>STORE BUCKETS</td>
<td>VOLUME L</td>
<td>9 LITRE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>WORKING PRESSURE BAR</td>
<td>8 TO 8.5 BAR</td>
</tr>
<tr>
<td>3.</td>
<td>FIRE EXTINGUISHING AGENT</td>
<td>FIRE EXTINGUISHING MEDIUM</td>
<td>WATER EXTINGUISHING AGENT</td>
</tr>
<tr>
<td>4.</td>
<td>STORAGE BUCKETS</td>
<td>OPENING PRESSURE BAR</td>
<td>8 BAR</td>
</tr>
<tr>
<td>5.</td>
<td>REGULATOR</td>
<td>INPUT PRESSURE RANGE BAR</td>
<td>10 TO 300 BAR</td>
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<tr>
<td></td>
<td></td>
<td>OUTPUT PRESSURE RANGE</td>
<td>8 ± 1</td>
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<tr>
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<td></td>
<td>SAFETY VALVE OPENING PRESSURE RANGE</td>
<td>10 BAR</td>
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<tr>
<td>6.</td>
<td>TOTAL MASS (FULL OF COMPRESSED GAS &amp; FIRE EXTINGUISHING AGENT) Kg</td>
<td>≥ 30</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>JET PERFORMANCE</td>
<td>DC CONTINUOUS INJECTION TIME S</td>
<td>≥25</td>
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<tr>
<td></td>
<td></td>
<td>SPRAY CONTINUOUS INJECTION TIME S</td>
<td>≥25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DC INJECTION DISTANCE M</td>
<td>≥16</td>
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<tr>
<td></td>
<td></td>
<td>SPRAY DISTANCE M</td>
<td>≥8</td>
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<tr>
<td>8.</td>
<td>MIST SIZE</td>
<td>DC INJECTION AVERAGE PARTICLE SIZE μm</td>
<td>≤160</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SPRAY PARTICLE SIZE μm</td>
<td>≤70</td>
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</table>
Body: Carbon Steel Water Ways (Hot Dip Galvanized)
Swivel Joint: Bronze (Manual Twist Lock) / SS 304
Inlet: Flanged to IS:1538 / ANSI B16.5 150 LBS
Outlet: Male BSP Threaded / Nozzle made of Alum. Alloy / Gun Metal
Rotation: Horizontal 360°, Vertical +90° & -45°
Test Pressure: 23 Kgf/cm²
Locking Device for Horizontal and Vertical position

<table>
<thead>
<tr>
<th>Model</th>
<th>Operating Pressure Range Kg/cm²</th>
<th>Flow Range LPM</th>
<th>Inlet Flange NB</th>
<th>Barrel Size/Nozzle Bore Dia NB</th>
<th>Performance</th>
</tr>
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<tr>
<td></td>
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<td></td>
<td>Flow LPM</td>
</tr>
<tr>
<td>M63</td>
<td>6 - 12</td>
<td>1500 - 2500</td>
<td>75/100</td>
<td>63/32</td>
<td>1750</td>
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<tr>
<td>M75</td>
<td>6 - 12</td>
<td>1800 - 3500</td>
<td>100</td>
<td>75/38</td>
<td>2580</td>
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<tr>
<td>M100</td>
<td>7 - 12</td>
<td>2500 - 5500</td>
<td>150</td>
<td>100/45</td>
<td>3750</td>
</tr>
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