JET-X-PFG-7 and JET-X-PFG-M
Portable High Expansion Foam Generators

JET-X-PFG-7 Features
- Portable and lightweight
- Variable expansion with built in bypass control
- Foam capacities up to 7200 CFM (204 CMM)
- Compact unit with recessed controls
- Durable solid rubber feet
- Water powered, no electrical power requirements
- Internal eductor with pick-up tube for foam pail

Application
Depending on the type of hazard and its configuration, a portable foam generator may be used for total flooding (discharging foam into an enclosed space around the hazard) or local application (discharging foam directly onto the fire or spill). Water damage is minimized using high expansion foam. Common applications include:
- Warehouses
- Ship holds
- Engine rooms
- Machinery spaces
- Electric cable ducting
- Mining
- Communications switching rooms
- Basements, cellars and enclosed spaces
- LNG spill fires and vapor suppression
- Smoke extraction (with optional smoke extraction ducting)

Construction
High impact polyethylene casing, corrosion-resistant pipework and fittings, with a maintenance-free turbine.

Typical Performance

<table>
<thead>
<tr>
<th>By-Pass Control</th>
<th>Water Pressure (psi)</th>
<th>Water Flow (gpm)</th>
<th>By-Pass Flow (gpm)</th>
<th>Flow to Nozzles (gpm)</th>
<th>Foam Output CFM</th>
<th>Foam Expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>58.0</td>
<td>45 (170)</td>
<td>13 (50)</td>
<td>32 (120)</td>
<td>3400 (96)</td>
<td>800</td>
</tr>
<tr>
<td>Open</td>
<td>101.5 (7)</td>
<td>60 (225)</td>
<td>21 (80)</td>
<td>39 (145)</td>
<td>5600 (159)</td>
<td>1000</td>
</tr>
<tr>
<td>Open</td>
<td>145.0 (10)</td>
<td>71 (270)</td>
<td>26 (100)</td>
<td>45 (170)</td>
<td>7200 (204)</td>
<td>1200</td>
</tr>
<tr>
<td>Closed</td>
<td>58.0 (4)</td>
<td>40 (150)</td>
<td>Nil</td>
<td>40 (150)</td>
<td>2900 (82)</td>
<td>550</td>
</tr>
<tr>
<td>Closed</td>
<td>101.5 (7)</td>
<td>53 (200)</td>
<td>Nil</td>
<td>53 (200)</td>
<td>5000 (140)</td>
<td>700</td>
</tr>
<tr>
<td>Closed</td>
<td>145.0 (10)</td>
<td>63 (240)</td>
<td>Nil</td>
<td>63 (240)</td>
<td>6800 (192)</td>
<td>80</td>
</tr>
</tbody>
</table>

Dimensions
- Width: 34.25 in. (870 mm)
- Height: 34.75 in. (883 mm)
- Depth: 18.5 in. (470 mm)
- Weight: 109.0 lb (49.4 kg)

Operation
Position the unit, connect the water supply hose to the water inlet and insert pick-up tube into the foam concentrate container. If using the bypass, attach hose to run bypass water to drain. When open, the bypass system diverts a portion of the inlet water to drain allowing for higher expansion and dryer foam (800-1200:1 expansion) to allow ducting to 50 ft (15.2 m). Closing the bypass control utilizes all the water entering the generator and produces wetter foam (550-800:1 expansion). The generator is supplied with 100 ft (30.5 m) of expandable polyethylene ducting. The optional foam extractor version, equipped with a 25 ft (7.6 m) smoke extraction duct, can also extract smoke at the rate of 10,000 CFM (285 CMM) at 100 psi (7 bar).
**JET-X-PFG-M Features**
- Portable and lightweight
- Foam capacities up to 2600 CFM (74 CMM)
- Compact unit
- Water powered, no electrical power requirements
- Internal eductor with pick-up tube for foam pail

**Application**
Depending on the type of hazard and its configuration, a portable foam generator may be used for total flooding (discharging foam into an enclosed space around the hazard) or local application (discharging foam directly onto the fire or spill). Water damage is minimized using high expansion foam. Common applications include:
- Warehouses
- Ship holds
- Engine rooms
- Machinery spaces
- Electric cable ducting
- Mining
- Communications switching rooms
- Basements, cellars and enclosed spaces
- LNG spill fires and vapor suppression
- Smoke extraction (with optional smoke extraction ducting)

**Construction**
High impact polyethylene casing, corrosion-resistant pipework and fittings with a bronze pelton wheel.

**Operation**
Position the unit, connect the water supply hose to the water inlet and insert pick-up tube into the foam concentrate container. The generator is supplied with 100 ft (30.5 m) of expandable polyethylene ducting. The optional foam extractor version can also extract smoke utilizing 25 ft (7.6 m) of smoke extraction ducting.

**Dimensions**
- Width: 21.7 in. (550 mm)
- Height: 28.0 in. (710 mm)
- Depth: 15.7 in. (400 mm)
- Weight: 39.0 lb (17.5 kg)

**Typical Performance**
<table>
<thead>
<tr>
<th>Inlet Pressure psi (bar)</th>
<th>Total Water Flow gpm (Lpm)</th>
<th>Foam Output CFM (CMM)</th>
<th>Expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>72.5 (5.0)</td>
<td>59 (225)</td>
<td>1750 (50)</td>
<td>225:1</td>
</tr>
<tr>
<td>101.5 (7.0)</td>
<td>66 (250)</td>
<td>2200 (62)</td>
<td>250:1</td>
</tr>
<tr>
<td>123.0 (8.5)</td>
<td>71 (270)</td>
<td>2600 (74)</td>
<td>275:1</td>
</tr>
</tbody>
</table>

**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description Description</th>
<th>Length in. (cm)</th>
<th>Weight lb (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>430837</td>
<td>JET-X-PFG-7</td>
<td>34.25 (87.0)</td>
<td>155 (70.3)</td>
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<tr>
<td>430839</td>
<td>JET-X-PFG-M</td>
<td>21.70 (55.1)</td>
<td>101 (45.8)</td>
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<tr>
<td>471803</td>
<td>Extra length of poly ducting for PFG-7 Generator</td>
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<td></td>
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</table>

**Note:** The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement. ANSUL and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.