General Description
The FJM-80 monitor range offers a portable fog/jet solution for foam/water discharge with exceptional performance characteristics. The monitor can be equipped with various types of nozzles.

The monitor bodies are constructed from stainless steel, keeping weight to a minimum whilst ensuring durability and reliability.

Application Description
The portable FJM range is ideal for fast response to fire incidents involving flammable liquid spills and vapour suppression. The FJM is designed to deliver an optimised jet stream or fog pattern of water or foam.

Product Features
- Wide capacity range
- Adjustable flow and pattern
- Compact, balanced design
- Low weight
- Easily manoeuvrable due to low friction bearings
- Long throw length
- Corrosion resistant construction materials
- Maximum working pressure 8 bar
- Bureau Veritas approved

Optional Components
- Dual connection
- Automatic oscillation
- Built-in foam inducting nozzle

Order Information - Please Specify
1. Part number
2. Type
3. Connection type
4. Capacity: flow and pressure (optional)
5. Foam induction (S-version)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>160808129</td>
<td>FJM-80 P 3” BSP</td>
</tr>
<tr>
<td>160808228</td>
<td>FJM-80 PO 3” BSP</td>
</tr>
<tr>
<td>160808325</td>
<td>FJM-80 S P 3” BSP, excl. Suction hose</td>
</tr>
<tr>
<td>160808367</td>
<td>FJM-80 S PO 3” BSP, excl. Suction hose</td>
</tr>
<tr>
<td>161008618</td>
<td>Suction hose 1¼” 3 m</td>
</tr>
<tr>
<td>190876322</td>
<td>2½” Dual Connection for portable monitors</td>
</tr>
</tbody>
</table>

Tyco Park / Grimshaw Lane / Newton Heath / Manchester / M40 2WL
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Performance Data

FJM-80 PO  FJM-80 P

- Water capacity  
  min 500 l/min - max 3,000 l/min  
  max 3,000 l/min

- Oscillating  
  60° (disconn. 220°)  
  220°

- Elevation  
  +30° to +80° (normal safety)  
  +30° to +80° (normal safety)

- Inlet connection  
  Dual 2 ½” or single 2 ½” or 3” BSP (must specify)  
  Dual 2 ½” or single 2 ½” or 3” BSP (must specify)

- Material  
  Stainless steel and bronze  
  Stainless steel and bronze

- Surface treatment  
  Primer and red 2-component paint  
  Primer and red 2-component paint

- Net weight, approx.  
  14 kg / 31 lbs  
  11 kg / 24 lbs

- Nozzle  
  Manually adjustable from jet to fog  
  Manually adjustable from jet to fog

- Slide bearings  
  Water balanced for rotation and elevation  
  Water balanced for rotation and elevation

Note: The nozzle can be easily adjusted on site for any specified capacity and pressure within its working range, according to separate adjustment table.

1 bar = 0.1 MPa = 14.5 psi

Reaction force (N) = 0.233 x Q (l/min) x √p (bar)

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