For accurate monitoring of liquid flow in pipelines

- Air Conditioning
- Water Treatment
- Liquid Transfer Systems
- Additive/Blending Systems
- Water Cooled Equipment
- Pumping Systems
- Hot Water Supply Systems
- Hot Water Space Heating
- Processing Systems
### Flow Specifications

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>1&quot;</th>
<th>1½&quot;</th>
<th>1½&quot;</th>
<th>2&quot;</th>
<th>2½&quot;</th>
<th>3&quot;</th>
<th>4&quot;</th>
<th>5&quot;</th>
<th>6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Increases</td>
<td>4.5</td>
<td>8.1</td>
<td>11.8</td>
<td>16.5</td>
<td>25</td>
<td>33</td>
<td>51</td>
<td>85*</td>
<td>120*</td>
</tr>
<tr>
<td>Flow Decreases</td>
<td>2.2</td>
<td>6.8</td>
<td>7.6</td>
<td>9.3</td>
<td>19</td>
<td>22</td>
<td>38</td>
<td>75*</td>
<td>100*</td>
</tr>
<tr>
<td>Flow Increases</td>
<td>14.8</td>
<td>22.1</td>
<td>25.7</td>
<td>32.3</td>
<td>75</td>
<td>90*</td>
<td>110*</td>
<td>170*</td>
<td>240*</td>
</tr>
<tr>
<td>Flow Decreases</td>
<td>13.8</td>
<td>20.1</td>
<td>23.7</td>
<td>30.5</td>
<td>72</td>
<td>85*</td>
<td>100*</td>
<td>155*</td>
<td>220*</td>
</tr>
</tbody>
</table>

*Calculated for various pipe sizes. Flow rates may vary ±10% from values above.

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**Model FS200**

- EPDM Seal for Superior Performance over Mechanical Bellows
- Universal Design – Replaces Flow Switches by McDonnell Miller, Penn, Taco, Potter, Watts and others
- Single Pole Double Throw Switch for Operating Signal Devices, Motors, Alarms, Metering Devices and Heating Units
- Four Heavy Duty Stainless Steel Paddles
- Two 7/8" Electrical Knock-Outs for 1/2" Conduit
- For Use on 1" to 6" Diameter Pipe
- 1" NPT Pipe Connection

**Model FS204**

- NEMA 1 – General Purpose
- 13 gauge galvanized steel
- 16 gauge powder coated steel
- 250°F (121°C)
- 32°F (0°C)
- SPDT switch 7.4 FLA, 44.4 LRA @120VAC Motor Duty
- 125VA @ 120/240VAC
- 160 psi
- 1" to 6" pipe sizes (see Flow Chart)

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**Enclosure:**

- NEMA 1 – General Purpose
- Anodized cast aluminum

**Control Chassis Material:**

- 13 gauge galvanized steel
- Powder coated cast aluminum

**Control Cover Material:**

- 16 gauge powder coated steel
- Powder coated cast aluminum

**Maximum Fluid Temperature:**

- 250°F (121°C)
- 250°F (121°C)

**Minimum Fluid Temperature:**

- 32°F (0°C)
- 32°F (0°C)

**Contacts:**

- SPDT switch 7.4 FLA, 44.4 LRA @120VAC Motor Duty
- SPDT switch 7.4 FLA, 44.4 LRA @120VAC Motor Duty

**Pilot Duty Rating:**

- 125VA @120/240VAC
- 125VA @120/240VAC

**Maximum Service Pressure:**

- 160 psi
- 160 psi

**Usage:**

- 1" to 6" pipe sizes (see Flow Chart)