VARIABLE-AREA FLOWMETERS
In-Line Mounting, Gas, Liquids & Oils

The SERIES DFW & DTFO Variable-Area Flowmeters for Liquids and Oils measure water or oil flow rates with ±2% of full scale accuracy at a competitive price. Available in 1/4˝, 1/2˝ and 1˝ connections for a wide variety of applications and comes calibrated for horizontal in-line mounting.

The SERIES DTFA Variable-Area Flowmeters for Gases measures gas flow rates with ±5% of full scale accuracy at an affordable price. Available in either 1/4˝ or 1/2˝ NPT connections and comes pre-calibrated for horizontal in-line mounting.

**FEATURES/BENEFITS**
- Durable metal construction ensures great reliability and the strength to withstand system pressures of up to 3000 psig (200 bar).
- Shatter proof construction, unlike glass tube variable area flowmeters, yields long operation life
- Preform precisely in high temperature, high vibration, shock-prone environments

**APPLICATIONS**
- Monitoring pressure drop across filters or strainers
- Flow scale based on differential pressure
- Liquid level given pressure differential between bottom and top of tank
- Hydraulic equipment
- Oil & gas equipment
- Heat exchangers
- Backflow prevention

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range, SCFM</th>
<th>Body</th>
<th>Connection</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFW-1A-10A</td>
<td>1.5 to 10</td>
<td>Aluminum</td>
<td>1/4˝ NPT</td>
<td>$275.00</td>
</tr>
<tr>
<td>DFW-1A-15A</td>
<td>2.0 to 15</td>
<td>Brass</td>
<td>1/2˝ NPT</td>
<td>$275.00</td>
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<tr>
<td>DFW-1A-20A</td>
<td>3.0 to 20</td>
<td>Brass</td>
<td>1/2˝ NPT</td>
<td>$275.00</td>
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<tr>
<td>DFW-1A-25A</td>
<td>3.0 to 25</td>
<td>Brass</td>
<td>1/2˝ NPT</td>
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<tr>
<td>DFW-1A-30A</td>
<td>3.0 to 30</td>
<td>Brass</td>
<td>1/2˝ NPT</td>
<td>$295.00</td>
</tr>
<tr>
<td>DFW-1A-40A</td>
<td>4.0 to 40</td>
<td>Brass</td>
<td>1/2˝ NPT</td>
<td>$295.00</td>
</tr>
<tr>
<td>DFW-1A-50A</td>
<td>4.0 to 50</td>
<td>Brass</td>
<td>1/2˝ NPT</td>
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<tr>
<td>DFW-2A-75A</td>
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<td>1/2˝ NPT</td>
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<td>DFW-2A-100A</td>
<td>10.0 to 100</td>
<td>Aluminum</td>
<td>1/2˝ NPT</td>
<td>$295.00</td>
</tr>
</tbody>
</table>

*Items are subject to Schedule B discounts.

**SPECIFICATIONS**
- Wetted Materials: Body: 316 SS, brass or aluminum; Spring: 302 SS or PTFE-coated; Range spring: 302 SS; Magnet: PTFE-coated; Metering cone: Acetal or PTFE; Seals: Buna.
- Temperature Limits: -40°F to 200°F (-40°C to 93°C).
- Pressure Limit: DFW: 3000 psig (200 bar); DTFO-3S: 1500 psig (101 bar); DTFA: 1500 psig (101 bar).
- Accuracy: Liquid/oil calibration: ±2% FS; Air calibration: ±5% FS.
- Repeatability: ±1% FS.
- Size: Diameter dial face 2.5˝ (63.5 mm).
- Process Connection: See model chart.
- Weight: DFW: 1B and 2B: 10 lb (4.54 kg); DTFO: 2B: 3 lb (1.36 kg); DFW: 3S: 10 lb (4.54 kg); DTFO-1B: 3 lb (1.36 kg).