3" ANSI RFF Carbon Steel MAG meter Specifications

Specifications.

- Electrode Material: 316L SS
- Wetted Materials: Teflon or Rubber, 304 SS, Carbon Steel, & 316 SS
- Flow Body Material: Carbon Steel
- Flow Velocity: 0.01 - 15 m/s Nominal 0 - 10 m/s
- Water flow: 0-636 GPM [0-144m^3/hr] at 8 m/s
- Accuracy: +/- 0.5% of reading in water.
- Repeatability: +/- 0.15% of reading
- 3" 150# ANSI Flange Connections.
- LCD Display
- Temperature:
  - Gas: 14°F (-10°C) to 350°F (180°C)
  - Ambient: 14°F (-10°C) to 140°F (60°C)
- Power Requirement: 24 VDC 20 Watts maximum;
- Output signals: Modbus RTU, 4–20 mA; transmit up to 3000 feet
- 0-10 KHz for flow rate indication
- Digital communications: Modbus RTU
- Proof Pressure: 1.6 MPa, 230 PSIG.
- Display: Flow rate, Flow Rate 0-100%, and Total flow
- Wiring connection to enclosure size: M20 x 1.5
- Factory Final QC Test Certificate
- Integral Electronics installation
- Electronics Enclosure: IP65
- Meter weight approx 34 pounds
- Shipping weight, approx 45 pounds

Stainless steel electrodes in Teflon
**3" ANSI RFF Carbon Steel MAG meter Dimensions**

<table>
<thead>
<tr>
<th>Flow Body Size</th>
<th>Flow range</th>
<th>Flow velocity (units: m/s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>1 m3/h</td>
<td>19.1</td>
</tr>
<tr>
<td></td>
<td>4 m3/h</td>
<td>84.0</td>
</tr>
<tr>
<td></td>
<td>8 m3/h</td>
<td>72.4</td>
</tr>
<tr>
<td></td>
<td>10 m3/h</td>
<td>72.4</td>
</tr>
<tr>
<td></td>
<td>12 m3/h</td>
<td>72.4</td>
</tr>
<tr>
<td></td>
<td>14 m3/h</td>
<td>72.4</td>
</tr>
<tr>
<td></td>
<td>15 m3/h</td>
<td>72.4</td>
</tr>
</tbody>
</table>

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