HydroWhirl® Orbitor 100

High Impact Rotary Tank Cleaning Machine

DESIGN FEATURES
- Easily field-serviced to reduce maintenance costs
- Minimum moving parts to extend operating life
- Self-cleaning; self-lubricating
- High-impact jets; orbital wash pattern = high efficiency cleaning process
- Ideal for small to medium tanks, easily fits through Ø4” (100 mm) openings or Ø3.35” (85 mm) when nozzle head vertically aligned
- 4 nozzle configurations
- Female connections

SPRAY CHARACTERISTICS
- 360° wash pattern
- Variable cycle times
- High impact cleaning

Flow rates: 12 - 52.4 gpm
Working Pressure: 45 - 145 psi

Materials:
- Housing and Nozzle Head: 316L
- Gears: PEEK + 316 SS
- Bushings/Seals: Carbon Filled PTFE

Max. Working Temp.: 200 °F (95 °C)
Max. Ambient Temp.: 285 °F (140 °C)
Weight: 5.5 Lbs

Jet lengths are effective cleaning lengths

### # Nozzles x Orifice Size

<table>
<thead>
<tr>
<th>Connection Size</th>
<th>4 x 3mm</th>
<th>4 x 4mm</th>
<th>4 x 5mm</th>
<th>4 x 6mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4” and 1”</td>
<td>12.0</td>
<td>17.8</td>
<td>23.7</td>
<td>30.6</td>
</tr>
<tr>
<td>45</td>
<td>3.3</td>
<td>6.6</td>
<td>8.2</td>
<td>9.8</td>
</tr>
<tr>
<td>60</td>
<td>4.9</td>
<td>8.2</td>
<td>9.8</td>
<td>11.5</td>
</tr>
<tr>
<td>75</td>
<td>4.8</td>
<td>9.8</td>
<td>11.5</td>
<td>13.1</td>
</tr>
<tr>
<td>90</td>
<td>4.3</td>
<td>9.8</td>
<td>11.5</td>
<td>13.1</td>
</tr>
<tr>
<td>100</td>
<td>3.3</td>
<td>6.6</td>
<td>8.2</td>
<td>9.8</td>
</tr>
<tr>
<td>115</td>
<td>3.6</td>
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</tr>
<tr>
<td>130</td>
<td>3.2</td>
<td>9.8</td>
<td>11.5</td>
<td>13.1</td>
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<tr>
<td>145</td>
<td>2.9</td>
<td>11.5</td>
<td>13.1</td>
<td>13.1</td>
</tr>
</tbody>
</table>

Performance may vary with ATEX models.