OPADOU™ drinking water treatment systems use ion exchange resin to remove hardness from water.

Two versions are available:
• Reinforced resin (service pressure up to 6 bars)
• Steel (service pressure up to 10 bars)

Flow rates: 10 to 150 m³/h

Features & Benefits
• Compact skid-mounted units
• Flexible configuration; simplex, duplex (one duty / one standby), triplex (two duty / one standby)
• The hydrogen (OPADOU™ H⁺), calcium and magnesium (OPADOU™ Na⁺) ions, mainly remain trapped on the resin
• Counter-current regeneration allowing a reduced salt consumption, better treated water quality, better control of the variation in residual nitrate contents
• Optional nitrate monitoring and remote process control

Applications
• Drinking water treatment
  OPADOU™ Na⁺
  • Permanent hardness removal
  OPADOU™ H⁺
  • Temporary hardness removal

Related Services
• Local after-sales service for preventative and corrective maintenance program
• Tailor made design according to project
• Support for setup and commissioning
### System Dimensions & Performances

<table>
<thead>
<tr>
<th>Exchanger Diameter (mm)</th>
<th>Shell Height (mm)</th>
<th>Area (m²)</th>
<th>Resin Height (mm)</th>
<th>Resin Volume (L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>800</td>
<td>2000</td>
<td>0.5</td>
<td>1750</td>
<td>880</td>
</tr>
<tr>
<td>1000</td>
<td>2000</td>
<td>0.8</td>
<td>1750</td>
<td>1374</td>
</tr>
<tr>
<td>1200</td>
<td>2000</td>
<td>1.1</td>
<td>1750</td>
<td>1979</td>
</tr>
<tr>
<td>1400</td>
<td>2000</td>
<td>1.5</td>
<td>1750</td>
<td>2694</td>
</tr>
<tr>
<td>1800</td>
<td>2000</td>
<td>2.5</td>
<td>1750</td>
<td>4453</td>
</tr>
</tbody>
</table>

For higher flow rates or other processes, consult your local Veolia Water Technologies representative.

Visit our website: [www.veoliawatertechnologies.com](http://www.veoliawatertechnologies.com)

In keeping with the progressive nature of the company, we reserve the right to amend details without notice.

Veolia/Opadou™/AQF084_EN_V1.1_Apr2015