RGL’s **Q-Distributor** is a tubing deployed flow control device (FCD) used for optimal fluid injection control. Multiple device deployment on a single injection string can enhance the distribution with specific injection placements.

The Q-Distributor can be customized for flow and pressure drop requirements with multiple ports. The Q-Distributor comes with two-position sliding sleeve technology and can be selectively shifted opened or closed.

The Q-Distributor is manufactured in an API Q1™ Certified facility.

**Features and Benefits**
- Two-position shiftable: open or closed
- Superior erosion, corrosion, and scale resistance
- Reduces openhole erosion and casing damage
- Maximizes injection efficiencies along the well length
- Selective shifting via coiled tubing
- Bi-directional injection distribution
- Field configurable

**Applications**
- Secondary liner completions
- Outflow control device for steam, water, or gas injection with inflow control capability
- Ideal for vertical, deviated and horizontal completions
- Suitable for high-temperature, high-pressure service during injection, production, and stimulation

**Options**
- RGL NALU™ flow control wellbore modelling and optimization
- Temperature-sensing technology
- Inflow control
- Zonal isolation packers
- Hydraulic or mechanical shifting
- Shift-validation technology
Technical Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>3.5 in. (88.9 mm)</th>
<th>4.5 in. (114.3 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OD (Maximum)</td>
<td>5.00 (127.00)</td>
<td>5.75 (146.10)</td>
</tr>
<tr>
<td>ID (Minimum)</td>
<td>2.75 (69.85)</td>
<td>3.44 (87.30)</td>
</tr>
<tr>
<td>Maximum Length</td>
<td>54.7 (1389.4)</td>
<td>54.7 (1389.4)</td>
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<tr>
<td>Number of Nozzles</td>
<td>10 (5 per row)</td>
<td>12 (6 per row)</td>
</tr>
<tr>
<td>Shift Tool Size (Type B)</td>
<td>2.75 (69.85)</td>
<td>3.44 (65.07)</td>
</tr>
<tr>
<td>Nozzle Options</td>
<td>D, FP</td>
<td>D, FP</td>
</tr>
</tbody>
</table>

Notes: For reference only. Dimensions are subject to change.

Additional Product Information:

1. End-field connections to suit customer application.
2. 2P tool: assembly is shipped in the CLOSED position, pull UP to open.
3. Shift tooling is the mechanical or hydraulic OTIS ‘B’ Positioning Tool.
4. Shift-validation tool available upon request.
5. Field-configurable: ports can be blanked on site prior to deployment.