**Technical Information Sheet**

**4” End Port Pressure Vessel 600 psi (41.4 bar)**

<table>
<thead>
<tr>
<th>Order Reference</th>
<th>No of 40” Elements</th>
<th>Overall Length +/-4mm</th>
<th>Max Support Position</th>
<th>Min Support Position</th>
<th>Max Dry Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>4E600N.1</td>
<td>1</td>
<td>1218</td>
<td>800</td>
<td>200</td>
<td>12 kg</td>
</tr>
<tr>
<td>4E600N.2</td>
<td>2</td>
<td>2334</td>
<td>1810</td>
<td>620</td>
<td>18 kg</td>
</tr>
<tr>
<td>4E600N.3</td>
<td>3</td>
<td>3350</td>
<td>2450c</td>
<td>1310c</td>
<td>24 kg</td>
</tr>
<tr>
<td>4E600N.4</td>
<td>4</td>
<td>4366</td>
<td>2820c</td>
<td>2280c</td>
<td>30 kg</td>
</tr>
<tr>
<td>4E600N.5</td>
<td>5</td>
<td>5382</td>
<td>4650c</td>
<td>3320c</td>
<td>35 kg</td>
</tr>
<tr>
<td>4E600N.6</td>
<td>6</td>
<td>6398</td>
<td>5010c</td>
<td>4340c</td>
<td>41 kg</td>
</tr>
</tbody>
</table>

**Working Pressure:** 600 psi

**Working Temperature:** 0° to 45°C

**Assembly Drawing:** 1MNC 1619

**Design Code:** PED

Body of vessel is manufactured completely from glass reinforced epoxy resins. Pressure vessels can be produced to cover all leading manufacturers membranes regardless of length. Please advise membrane type and length when requesting further details. Please adhere to recommended support positions, if in doubt contact Phoenix Vessel Technology.

Feed and concentrate connections: 3/4” BSP [Female]

Product connections: 1/2” BSP [Female]

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All dimensions in mm. All dimensions and weights are nominal unless stated otherwise.

This data sheet supersedes all previous issues.

Product Code: 4E600N ISSUE:E
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**Item** | **Description** | **Material** | **Part No.** | **No. off**
--- | --- | --- | --- | ---
1 | Vessel Body | Glass Fibre Epoxy Resin | BDY 1437 | 29.50
2 | Backing Plate | Thermoplastic | CMP 1667 | 2
3 | Retaining Ring Segment | St. Steel 316 | CMP 1104 | 2 Sets of 3
4 | 'O' Seal (Endcap) | EPDM Included in item 2 | BS342 | 2
5 | 'O' Seal (Endcap) | EPDM Included in item 2 | BS210 | 2
6 | Cap Head Screw | St. Steel A4 Grade | CMP 1077 | 4
7 | Strap (Optional) | St. Steel/PVC | CMP 3570.A | 2/3
8 | Saddle (Optional) | Urethane/EPDM | CMP 1115 | 2/3
9 | Shim (2 to 7 element) | ABS | CMP 3406 | 6

The company reserves the right to alter specifications without prior notice. This data sheet supersedes all previous issues. Product Code: 4E600N ISSUE:E

For lubricants and general assembly refer to the User Guide on our website.

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