LABORATORY VACUUM PUMPS
LABOPORT® MINI SERIES

The ideal pumps for:
- Filtration
- Manifolds
- Aspiration
- and more…
LABOPORT® MINI PUMPS

CORROSION RESISTANT
Chemically resistant wetted parts for maximum performance and outstanding product life. These pumps can also tolerate occasional liquid ingestion without damage.

OIL-FREE
Clean, non-contaminating, and maintenance free.

COMPACT AND QUIET
A welcome addition to your lab. LABOPORT® MINI pumps are easily carried to wherever you need vacuum.

OPTIONAL GAUGE AND REGULATOR
For simple, convenient control of your vacuum process.

**PUMP SELECTION CHART**

<table>
<thead>
<tr>
<th>Pump Function</th>
<th>Flow Rate L/min</th>
<th>Vacuum Torr (in. Hg)</th>
<th>Pressure Max psig</th>
<th>Pump only</th>
<th>Pump with Vac. gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottletop Filtration</td>
<td>5.5</td>
<td>120 (25.2)</td>
<td>36</td>
<td>N 86 KTP</td>
<td>N 86 KT.45P</td>
</tr>
<tr>
<td>For collection flasks &lt;500 mL</td>
<td>13</td>
<td>75 (27)</td>
<td>7.3</td>
<td>N 811 KVP</td>
<td>N 811 KV.45P</td>
</tr>
<tr>
<td>Disposables Filtration Assemblies</td>
<td>5.5</td>
<td>120 (25.2)</td>
<td>36</td>
<td>N 86 KTP</td>
<td>N 86 KT.45P</td>
</tr>
<tr>
<td>For collection flasks &lt;500 mL</td>
<td>13</td>
<td>75 (27)</td>
<td>7.3</td>
<td>N 811 KVP</td>
<td>N 811 KV.45P</td>
</tr>
<tr>
<td>Vacuum Manifold Filtration</td>
<td>30</td>
<td>120 (25.2)</td>
<td>7.3</td>
<td>N 816.1.2 KTP</td>
<td>N 816.1.2 KT.45P</td>
</tr>
<tr>
<td>For up to 4 manifold funnels</td>
<td>37</td>
<td>113 (25.5)</td>
<td>7.3</td>
<td>N 838.1.2 KTP</td>
<td>N 838.1.2 KT.45P</td>
</tr>
<tr>
<td>Degassing, Vacuum Dessication, Solvent Filtration</td>
<td>16</td>
<td>15 (29.3)</td>
<td>7.3</td>
<td>N 816.3 KTP</td>
<td>N 816.3 KT.45P</td>
</tr>
<tr>
<td>Glass Filtration Assemblies</td>
<td>13</td>
<td>75 (27)</td>
<td>7.3</td>
<td>N 811 KVP</td>
<td>N 811 KV.45P</td>
</tr>
<tr>
<td>For collection flasks &lt;1 L</td>
<td>30</td>
<td>120 (25.2)</td>
<td>7.3</td>
<td>N 816.1.2 KTP</td>
<td>N 816.1.2 KT.45P</td>
</tr>
<tr>
<td>For collection flasks &gt;1 L</td>
<td>16</td>
<td>15 (29.3)</td>
<td>7.3</td>
<td>N 838.3 KTP</td>
<td>N 838.3 KT.45P</td>
</tr>
<tr>
<td>Vacuum Dot-, Spot- and Slot-blot</td>
<td>30</td>
<td>120 (25.2)</td>
<td>7.3</td>
<td>N 816.1.2 KTP</td>
<td>N 816.1.2 KT.45P</td>
</tr>
<tr>
<td>Vacuum Dessication</td>
<td>16</td>
<td>15 (29.3)</td>
<td>7.3</td>
<td>N 816.3 KTP</td>
<td>N 816.3 KT.45P</td>
</tr>
<tr>
<td>For containers &lt;1 L</td>
<td>22</td>
<td>11 (29.5)</td>
<td>7.3</td>
<td>N 838.3 KTP</td>
<td>N 838.3 KT.45P</td>
</tr>
<tr>
<td>Replace Water Aspirators</td>
<td>13</td>
<td>75 (27)</td>
<td>7.3</td>
<td>N 811 KVP</td>
<td>N 811 KV.45P</td>
</tr>
<tr>
<td>Replacing 1 aspirator</td>
<td>30</td>
<td>120 (25.2)</td>
<td>7.3</td>
<td>N 816.1.2 KTP</td>
<td>N 816.1.2 KT.45P</td>
</tr>
<tr>
<td>Replacing 2 or more aspirators</td>
<td>37</td>
<td>113 (25.5)</td>
<td>7.3</td>
<td>N 838.1.2 KTP</td>
<td>N 838.1.2 KT.45P</td>
</tr>
<tr>
<td>Replace House Vacuum Port</td>
<td>30</td>
<td>120 (25.2)</td>
<td>7.3</td>
<td>N 816.1.2 KTP</td>
<td>N 816.1.2 KT.45P</td>
</tr>
<tr>
<td>Replacing 2 or more ports</td>
<td>37</td>
<td>113 (25.5)</td>
<td>7.3</td>
<td>N 838.1.2 KTP</td>
<td>N 838.1.2 KT.45P</td>
</tr>
</tbody>
</table>

**PUMP MODEL SUMMARY**

<table>
<thead>
<tr>
<th>Pump only</th>
<th>with Vac. gauge pkg.</th>
<th>Flow Rate L/min</th>
<th>Vacuum Torr (in. Hg)</th>
<th>Pressure Max psig</th>
<th>Dimensions** L x W x H cm</th>
<th>Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 86 KTP</td>
<td>N 86 KT.45P</td>
<td>5.5</td>
<td>120 (25.2)</td>
<td>36</td>
<td>18 x 9 x 15</td>
<td>1.9</td>
</tr>
<tr>
<td>N 811 KVP</td>
<td>N 811 KV.45P</td>
<td>13</td>
<td>75 (27)</td>
<td>7.3</td>
<td>20 x 9 x 17</td>
<td>2.5</td>
</tr>
<tr>
<td>N 816.1.2 KTP</td>
<td>N 816.1.2 KT.45P</td>
<td>30</td>
<td>120 (25.2)</td>
<td>7.3</td>
<td>36 x 14 x 9</td>
<td>4.0</td>
</tr>
<tr>
<td>N 816.3 KTP</td>
<td>N 816.3 KT.45P</td>
<td>16</td>
<td>15 (29.3)</td>
<td>7.3</td>
<td>36 x 14 x 9</td>
<td>4.0</td>
</tr>
<tr>
<td>N 838.1.2 KTP</td>
<td>N 838.1.2 KT.45P</td>
<td>37</td>
<td>113 (25.5)</td>
<td>7.3</td>
<td>40 x 11 x 21</td>
<td>6.8</td>
</tr>
<tr>
<td>N 838.3 KTP</td>
<td>N 838.3 KT.45P</td>
<td>22</td>
<td>11 (29.5)</td>
<td>7.3</td>
<td>40 x 11 x 21</td>
<td>6.8</td>
</tr>
</tbody>
</table>

**Add approximately 6 cm to height for gauge package. Pressure control packages also available, call for details.

You should always check chemical resistance charts for compatibility with the chemicals used in your laboratory. LABOPORT® is a registered trademark of KNF Neuberger GmbH. Specifications subject to change without notice. Other LABOPORT® vacuum pump types available. Visit www.knfusa.com/aboport for details and a list of distributors.