The pump series:

- PVL10 - PVL15 final vacuum 0.5 Torr (absolute)
- PVL10/B - PVL15/B final vacuum 15 Torr (absolute)

have a nominal capacity (60 Hz) of 7 ACFM and 9.5 ACFM respectively.

They are lubricated, with oil recirculation system, rotary vane vacuum pumps.

They are suitable to evacuate closed systems or to operate at a constant vacuum within the following vacuum range:

- PVL10 - PVL10/B from 0.5 to 300 Torr (absolute)
- PVL10/B - PVL15/B from 15 to 650 torr (absolute)

They are complete with:
- inlet mesh filter
- check valve
- gas-ballast valve

## Liquid Ring & Rotary Vane Vacuum Pumps and System

### PVL10 - PVL10/B
### PVL15 - PVL15/B

<table>
<thead>
<tr>
<th></th>
<th>PVL10</th>
<th>PVL10/B</th>
<th>PVL15</th>
<th>PVL15/B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Capacity ACFM</td>
<td>60 Hz</td>
<td>8</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Ultimate pressure (abs.) Torr</td>
<td>0.5</td>
<td>15</td>
<td>0.5</td>
<td>15</td>
</tr>
<tr>
<td>RPM min⁻¹ 60 Hz</td>
<td></td>
<td></td>
<td>1620</td>
<td></td>
</tr>
<tr>
<td>Motor power HP 60 Hz</td>
<td>~3</td>
<td>0.75</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Sound pressure level dB(A) 60 Hz</td>
<td>66</td>
<td>67</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td>Water vapor tolerance Torr</td>
<td></td>
<td></td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Water vapor capacity lb/h</td>
<td></td>
<td>0.35</td>
<td>0.5</td>
<td></td>
</tr>
<tr>
<td>Total weight/without motor lbs</td>
<td>60 Hz</td>
<td>~3 57/35</td>
<td>57/35</td>
<td></td>
</tr>
<tr>
<td>Oil charge qt</td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Technical data and curves according to Pneurop standard 6602 with gas-ballast valve in

Applications:

- Hospital Central Vacuum Systems
- Meat Packing
- Food Packing
- General Packing
- Vacuum Filling
- CNC Routers
- Lab Systems
- Vacuum Forming
- Vacuum Holddown
- Printing
- Vacuum Laminations
A Inlet
B Air outlet
C Cooling air inlet
D Cooling air outlet
E Oil filling plug
F Maximum oil level sight glass
F¹ Minimum oil level sight glass
G Oil discharge plug
H Pump name plate
I Oil plate
L Rotation plate
N Gas ballast valve

Our Other Products:
- Liquid Ring Vacuum Pumps: 3 CFM to 10,000 CFM
- Liquid Ring Compressors up to 100 psig
- Heat Transfer Pumps for hot thermal oils up to 600 deg. F

Systems:
- Package Vacuum Systems with Partial or Total Recirculation
- Customer Engineered Vacuum Solutions

* Dimensions subject to changes depending on the motor brand