The pump series:

- PVL150 final vacuum 0.5 Torr (absolute)
- PVL150/B final vacuum 7.5 Torr (absolute)

have a nominal capacity (60 Hz) of 103 ACFM.

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:

- PVL150 from 0.5 to 300 Torr (absolute)
- PVL150/B from 7.5 to 650 torr (absolute)

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

Applications:

- Hospital Central Vacuum Systems
- Meat Packing
- Food Packing
- General Packing
- Vacuum Filling
- CNC Routers

- Lab Systems
- Vacuum Forming
- Vacuum Holddown
- Printing
- Vacuum Laminations

<table>
<thead>
<tr>
<th></th>
<th>PVL150</th>
<th>PVL150/B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Capacity</td>
<td>ACFM</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Ultimate pressure</td>
<td>Torr</td>
<td>0.5</td>
</tr>
<tr>
<td>RPM</td>
<td>min.⁻¹</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Motor power</td>
<td>HP</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Sound pressure level</td>
<td>dB(A)</td>
<td>60 Hz</td>
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<tr>
<td>Water vapor tolerance</td>
<td>Torr</td>
<td>20</td>
</tr>
<tr>
<td>Water vapor capacity</td>
<td>lb/h</td>
<td>6.6</td>
</tr>
<tr>
<td>Total weight/without motor</td>
<td>lbs</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Oil charge</td>
<td>qt</td>
<td>2.5</td>
</tr>
</tbody>
</table>

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

![Image of vacuum pump](image-url)

![Graph of CFM vs Torr](graph-url)
PVL150 - PVL150/B

* Dimensions subject to changes depending on the motor brand

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
M  Lifting eyebolt
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.

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