The pump series:

- **PVL200 - PVL270** final vacuum 0.5 Torr (absolute)
- **PVL200/B - PVL270/B** final vacuum 7.5 Torr (absolute)

have a nominal capacity of 141 ACFM and 190 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:

- **PVL200 - PVL270** from 0.5 to 300 Torr (absolute)
- **PVL200/B - PVL270/B** from 7.5 to 650 torr (absolute)

They are complete with:
- N.1 inlet filtering element
- check valve
- gas-ballast valve

### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>PVL200</th>
<th>PVL200/B</th>
<th>PVL270</th>
<th>PVL270/B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nominal Capacity</strong></td>
<td></td>
<td>141</td>
<td>190</td>
<td></td>
</tr>
<tr>
<td><strong>ACFM</strong></td>
<td>60 Hz</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Ultimate pressure (abs.)</strong></td>
<td>0.5</td>
<td>7.5</td>
<td>0.5</td>
<td>7.5</td>
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<tr>
<td><strong>RPM</strong></td>
<td></td>
<td></td>
<td>60 Hz</td>
<td>1700</td>
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<tr>
<td><strong>min.</strong></td>
<td></td>
<td></td>
<td>60 Hz</td>
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<tr>
<td><strong>Motor power</strong></td>
<td></td>
<td></td>
<td>60 Hz</td>
<td>3</td>
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<tr>
<td><strong>HP</strong></td>
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<td></td>
<td>60 Hz</td>
<td>7.2</td>
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<td><strong>Sound pressure level</strong></td>
<td>60 Hz</td>
<td>75</td>
<td>76</td>
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<tr>
<td><strong>dB(A)</strong></td>
<td></td>
<td></td>
<td>60 Hz</td>
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<tr>
<td><strong>Water vapor tolerance</strong></td>
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<td>20</td>
<td></td>
</tr>
<tr>
<td><strong>Torr</strong></td>
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<tr>
<td><strong>Water vapor capacity</strong></td>
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<td></td>
<td>8.8</td>
<td>11</td>
</tr>
<tr>
<td><strong>lb/h</strong></td>
<td></td>
<td></td>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td><strong>Total weight/without motor</strong></td>
<td>401/269</td>
<td>427/264</td>
<td></td>
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</tr>
<tr>
<td><strong>lbs</strong></td>
<td>60 Hz</td>
<td></td>
<td>~3</td>
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<tr>
<td><strong>Oil charge</strong></td>
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<tr>
<td><strong>qt</strong></td>
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</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
PVL200 - PVL200/B
(PVL270 - PVL270/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  Max. oil level sight glass
F₁  Min. 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. F

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