The pump series:

- PVL35 final vacuum 0.5 Torr (absolute)
- PVL35/B final vacuum 15 Torr (absolute)

have a nominal capacity (60 Hz) of 15 ACFM and 21 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:

- PVL35 from 0.5 to 300 Torr (absolute)
- PVL35/B from 15 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>PVL35</th>
<th>PVL35/B</th>
</tr>
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<tbody>
<tr>
<td>Nominal Capacity ACFM</td>
<td>60 Hz</td>
<td>25</td>
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<tr>
<td>Ultimate pressure (abs.) Torr</td>
<td>0.5</td>
<td>15</td>
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<tr>
<td>RPM min.(^{-1})</td>
<td>60 Hz</td>
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<tr>
<td>Motor power HP</td>
<td>60 Hz</td>
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<td>~1</td>
<td>1.5</td>
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<tr>
<td>Sound pressure level dB(A)</td>
<td>60 Hz</td>
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<td>Water vapor tolerance Torr</td>
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<tr>
<td>Water vapor capacity lb/h</td>
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<tr>
<td>Total weight/without motor lbs</td>
<td>60 Hz</td>
<td>~3</td>
</tr>
<tr>
<td></td>
<td>~1</td>
<td>94/62</td>
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<tr>
<td>Oil charge qt</td>
<td>1.5</td>
<td></td>
</tr>
</tbody>
</table>

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

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