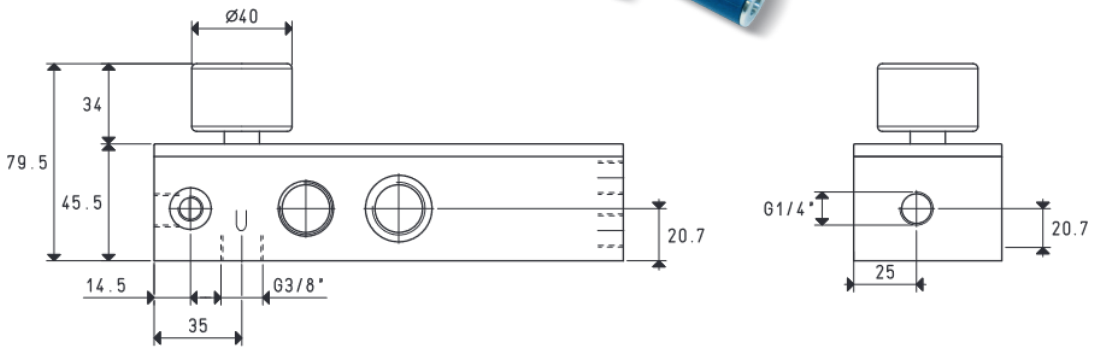
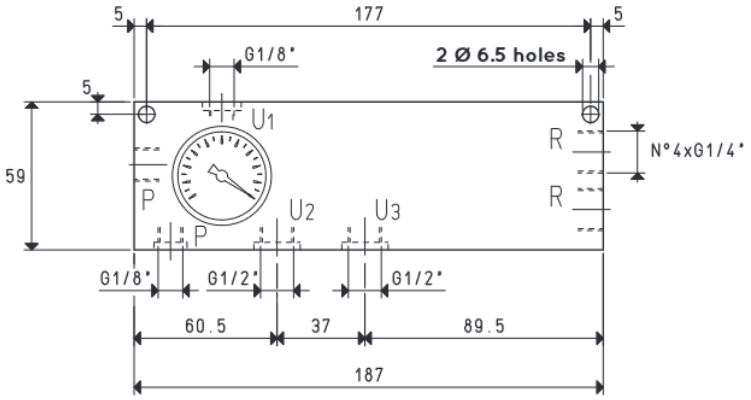
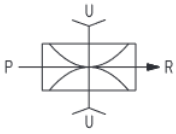



P=COMPRESSED AIR CONNECTION R=EXHAUST U=VACUUM CONNECTION U 1-2-3=ADDITIONAL VACUUM CONNECTION

| Item | | PVP 25 MX | | | PVP 25 MXLP | | |
|---|---|---|---|---|---|---|---|
| **Intake air flow rate** | m³/h | 25.0 | 28.0 | 31.0 | 19.0 | 27.5 | 34.0 |
| **Maximum level of vacuum** | -KPa | 65 | 85 | 90 | 30 | 61 | 86 |
| **Final pressure** | abs. mbar | 350 | 150 | 100 | 700 | 390 | 140 |
| **Supply pressure** | bar | 4 | 5 | 6 | 1 | 2 | 3 |
| **Optimal supply pressure** | bar | | | 6 | | | 3 |
| **Air consumption** | Nl/s | 2.1 | 2.6 | 3.0 | 2.2 | 3.2 | 4.5 |
| **Temperature of use** | °C | | | -20 / +100 | | | -20 / +100 |
| **Noise level at optimal supply pressure** | dB(A) | | | 70 | | | 70 |
| **Weight** | g | | | 960 | | | 960 |

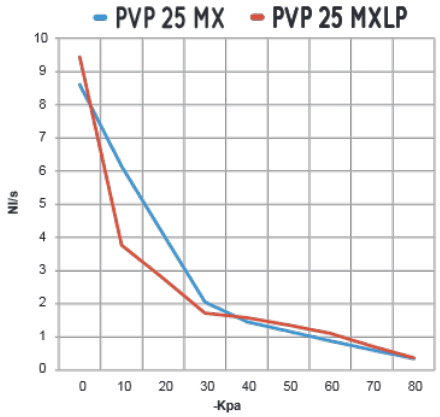
| Spare parts | | PVP 25 MX / MXLP |
|---|---|---|
| **Sealing kit and reed valves** | item | 00 KIT PVP 25 MX |
| **Sound absorption material for exhaust** | item | 00 15 534 |
| **Vacuum gauge** | item | 09 03 15 |

Note: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.
Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard **ISO 8573-1 class 4**.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$ ; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$ Adapters for GAS - NPT threading available on page 1.130

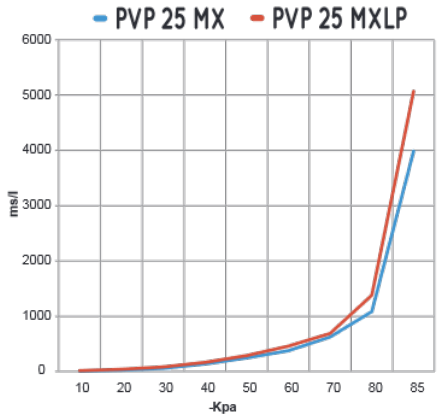
3D drawings are available on vuototecnica.net

Air flow rate (Nl/s) at different levels of vacuums (-KPa) at optimal supply pressure




| Generator item | Supp. press. bar | Air consumption Nl/s | Air flow rate (Nl/s) at different levels of vacuums (-KPa) at optimal supply pressure | | | | | | | | | Max vacuum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | -KPa |
| **PVP 25 MX** | 6.0 | 3.0 | 8.61 | 6.15 | 4.10 | 2.05 | 1.46 | 1.17 | 0.88 | 0.61 | 0.35 | 90 |
| **PVP 25 MXLP** | 3.0 | 4.5 | 9.44 | 3.77 | 2.77 | 1.72 | 1.58 | 1.36 | 1.11 | 0.72 | 0.37 | 86 |

Evacuation rates (ms/l = s/m³) at different levels of vacuums (-KPa) at optimal supply pressure




| Generator item | Supp. press. bar | Air consumption Nl/s | Evacuation rates (ms/l= s/m³) at different levels of vacuums (-KPa) at optimal supply pressure | | | | | | | | | Max vacuum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 85 | -KPa |
| **PVP 25 MX** | 6.0 | 3.0 | 10 | 26 | 57 | 137 | 246 | 377 | 626 | 1083 | 3986 | 90 |
| **PVP 25 MXLP** | 3.0 | 4.5 | 16 | 41 | 83 | 165 | 290 | 460 | 690 | 1380 | 5070 | 86 |

## ACCESSORIES UPON REQUEST

4 silencers item SSX 1/4”

