

P=COMPRESSED AIR CONNECTION R=EXHAUST U=VACUUM CONNECTION

| Item | | PVP 3 | | |
|--|-------------------|-------|-----|-----------|
| Intake air flow rate | m ³ /h | 3.4 | 3.5 | 3.7 |
| Maximum level of vacuum | -KPa | 60 | 70 | 85 |
| Final pressure | mbar abs. | 400 | 300 | 150 |
| Supply pressure | bar | 4 | 5 | 6 |
| Optimal supply pressure | bar | | | 6 |
| Air consumption | NI/s | 1.0 | 1.1 | 1.3 |
| Operating temperature | °C | | | -20 / +80 |
| Noise level at optimal supply pressure | dB(A) | | | 80 |
| Weight | g | | | 100 |

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.

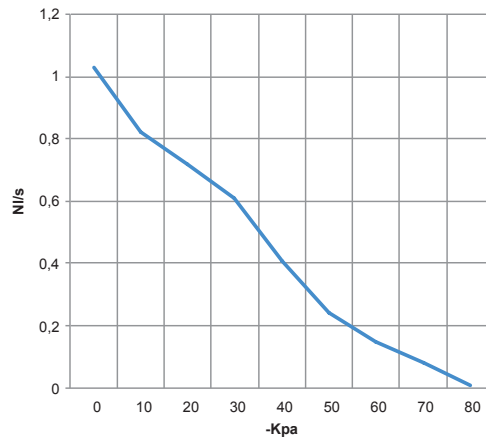
Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

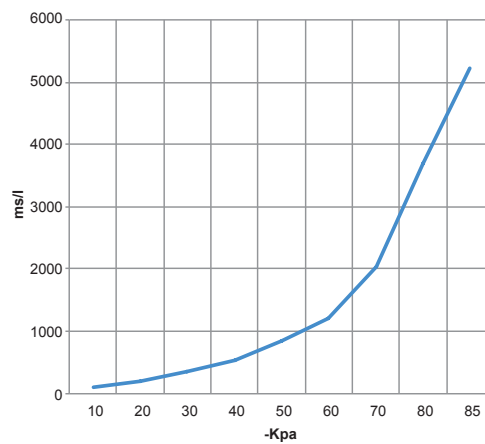
Adapters for GAS - NPT threading available on page 1.130

Air flow rate (NI/s) at different level of vacuum (-KPa) at optimal supply pressure



| Generator item | Supp. press. bar | Air consumption NI/s | Air flow rate (NI/s) at different levels of vacuums (-KPa) at optimal supply pressure | | | | | | | | | | Max vacuum -KPa |
|----------------|------------------|----------------------|---|------|------|------|------|------|------|------|----|----|-----------------|
| | | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | | |
| PVP 3 | 6.0 | 1.3 | 1.03 | 0.82 | 0.72 | 0.61 | 0.41 | 0.24 | 0.15 | 0.08 | -- | 85 | |

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



| Generator item | Supp. press. bar | Air consumption NI/s | Evacuation rates (ms/l = s/m³) at different levels of vacuums (-KPa) at optimal supply pressure | | | | | | | | | | Max vacuum -KPa |
|----------------|------------------|----------------------|---|-----|-----|-----|-----|------|------|------|------|----|-----------------|
| | | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 85 | | |
| PVP 3 | 6.0 | 1.3 | 104 | 207 | 353 | 544 | 857 | 1217 | 2033 | 3684 | 5232 | 85 | |

ACCESSORIES UPON REQUEST

Silencer item SSX 1/8"

