



Item no: 0103684

Lab Vac LVH40K6, Viton® sealings, Kalrez flap valves

These vacuum pumps are Piab's traditional pumps developed to be used within the chemical industry or in chemically aggressive environments.

- Vacuum pumps tailor-made for laboratory applications, such as degassing, vacuum filtering, gel drying and rotation evaporation.
- High vacuum levels to 20 mbar abs. with a maximum vacuum flow of 9 m³/h.
- No risk for "back draft" which can cause damaged test samples.
- Low noise level.
- Easy to install and virtually no maintenance.
- Energy efficient vacuum pumps based on environmental friendly technology.
- High chemical resistance, option with KalRez sealing material makes the chemical resistance unsurpassed.

General

| | |
|-------------|----------------------------|
| Material | VITON, PPS, SS, AL, KALREZ |
| Noise level | 62 - 66 dBA |
| Temperature | -20 - 110 °C |
| Weight | 1.5 kg |

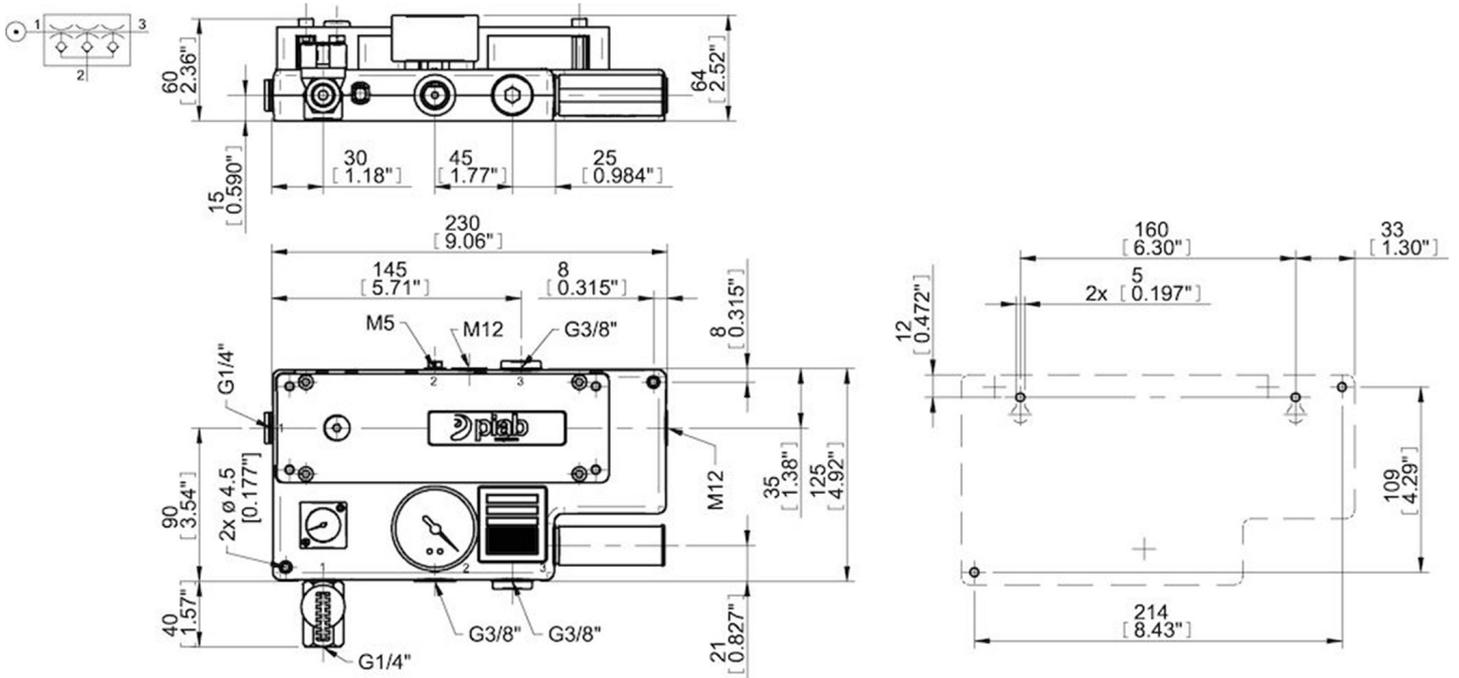
Performance

Feed pressure, max. 0.7 MPa

| Feed pressure | Air consumption | Vacuum flow (NI/s) at different vacuum levels (-kPa) | | | | | | | | | | Max vacuum |
|-------------------------|-----------------|--|-----|-----|-----|------|------|------|------|------|------|------------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | -kPa | |
| MPa | NI/s | | | | | | | | | | | |
| Lab Vac LVH40 0,6 - 0,6 | 2.6 | 2.5 | 1.8 | 1.3 | 0.7 | 0.53 | 0.35 | 0.24 | 0.16 | 0.12 | 98 | |

| Feed pressure | Air consumption | Evacuation time (s/l) to reach different vacuum levels (-kPa) | | | | | | | | | | Max vacuum |
|-------------------------|-----------------|---|------|------|------|------|------|------|------|------|------|------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | -kPa | |
| MPa | NI/s | | | | | | | | | | | |
| Lab Vac LVH40 0,6 - 0,6 | 2.6 | 0.04 | 0.09 | 0.18 | 0.41 | 0.71 | 1.09 | 1.65 | 2.48 | 3.91 | 98 | |

Dimensional drawings 



Accessories

0118100 | piSAVE® onoff with small hysteresis

0100947 | Vacuum filter 0.3 µm

Spare parts

0104948 | Spare part kit Lab Vac 40-80, Kalrez/Viton®

