

## Hei-VAC Control Technical datasheet



<b>Dimensions (W × H × D)</b>	123 × 124 × 83 mm (5 × 5 × 3.5 in.)   with foot: 144 × 124 × 115 mm (6 × 5 × 4.5 in.)
<b>Weight</b>	440 g (0.97 lb)   with foot: 570 g (1.3 lb)
<b>Display</b>	LC display with brightness control
<b>Protection class (EN 60529)</b>	IP42
<b>Rated voltage</b>	24 VDC (±10 %)
<b>Connection</b>	Hose nozzle for tube, inner diameter Ø = 4 – 5 mm
<b>Operating temperature</b>	10 °C – 40 °C (50 °F – 104 °F)
<b>Installation altitude</b>	3000 m above sea level
<b>Control</b>	Range: 1060 – 0.1 mbar (795 – 0.1 Torr.)
<b>Storage temperature range</b>	-10 °C – 60 °C (14 °F – 140 °F)
<b>Interfaces</b>	RS232, SUB-D, 9-pin
<b>Pressure sensor</b>	Integrated (ceramic diaphragm/aluminium oxide, capacitive, independent from gas type, absolute pressure)
<b>Power</b>	max. 3.4 W
<b>Admissible electricity of the connected valves</b>	4 A
<b>Rel. Humidity</b>	30 – 85 %, without condensation
<b>Measuring range, absolute</b>	1080 – 0.1 mbar (810 – 0.1 Torr.)
<b>Resolution</b>	0.1 mbar (0.1 Torr.)
<b>Max. admissible pressure, absolute</b>	1.5 bar (1125 Torr.)   Venting: 1.2 bar (900 Torr.)

**Max. admissible media temperature (gas)**

Temporarily: 80 °C (176 °F) | Continuous operation: 40 °C (104 °F)

**Measurement uncertainty**

<±1 mbar (<±0.75 Torr.)

**Temperature coefficient**

<±0.07 mbar / K (<±0.05 Torr./ K)