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Hei-VAC Control
Technical datasheet



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