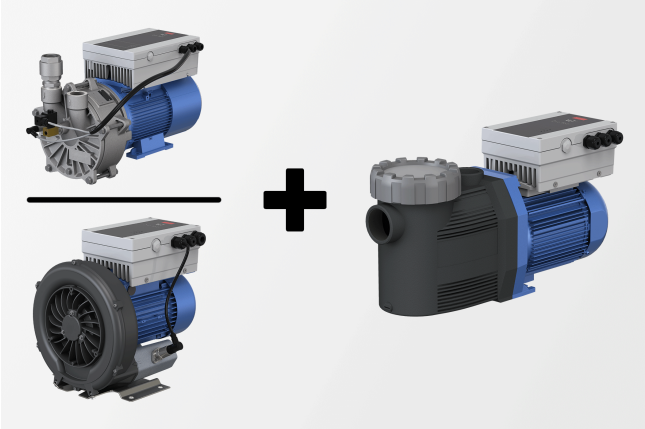
Product data sheet

Vacuum unit

Speed-controlled, decentralized vacuum unit for plant-side separator



Description

- Decentralised vacuum unit
- Speed-controlled
- Designed for parallel suction of air and water from an on-site separator (e.g. vacuum tank) in the calibration table
- Energy-saving vacuum generation thanks to speed control on the vacuum pump or the side channel blower
- Energy-saving water discharge thanks to speed-controlled discharge pump from the ME-...-BVD series
- On-demand vacuum generation for high efficiency
- Easy to install in the place of existing vacuum pumps
- Decentralised system, intelligent control system, easy to operate

Markets and applications

Plastics processing

- Wet and dry calibration of plastic profiles
- Extruder compounding

Get in touch with us!

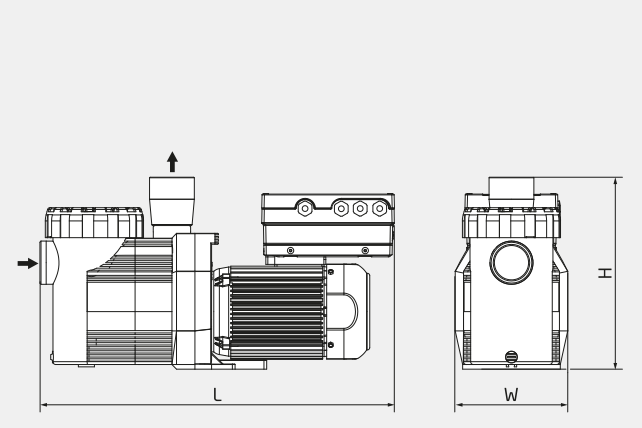
SPECK Australia
Unit 2, 6 Glory Road
Gnangara WA 6077 Australia
Phone NZ: +61 8 6201 1286

Make a non-binding enquiry

sales@speckaustralia.com

Technical data

International system of units, alternating current



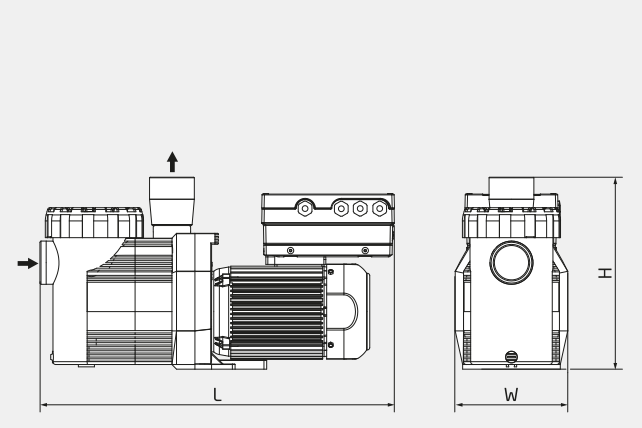
H	334 mm
W	196 mm
L	618 mm

Dimensions may vary depending on the design.

Product type	BluSystems vacuum unit
Shaft sealing	Mechanical seal
Pump design	Side channel blower or liquid ring vacuum pump with additional water pump
Typical media	Moist gases or gas/water mixtures
Variable speed	Yes
Performance data	Dependent on components: Side channel blower (VB) Liquid ring vacuum pump (VG) Water pump (ME)
VB-...-BVD: Max. rel. negative pressure	-260 mbar
VB-...-BVD: Max. suction capacity – gas	500 m³/h
VG-...-BVD: Max. rel. negative pressure	-930 mbar
VG-...-BVD: Max. suction capacity – gas	146 m³/h
ME-...-BVD: Max. suction capacity – water	30 m³/h
Explosion protection	None

Technical data

Anglo-American system of measurement, alternating current



H	13,15 inch
W	7,72 inch
L	24,33 inch

Dimensions may vary depending on the design.

Product type	BluSystems vacuum unit
Shaft sealing	Mechanical seal
Pump design	Side channel blower or liquid ring vacuum pump with additional water pump
Typical media	Moist gases or gas/water mixtures
Variable speed	Yes
Performance data	Dependent on components: Side channel blower (VB) Liquid ring vacuum pump (VG) Water pump (ME)
VB-...-BVD: Max. rel. negative pressure	-7.7 inHg
VB-...-BVD: Max. suction capacity – gas	294.3 CFM
VG-...-BVD: Max. rel. negative pressure	-27.5 inHg
VG-...-BVD: Max. suction capacity – gas	85.9 CFM
ME-...-BVD: Max. suction capacity – water	17.7 CFM
Explosion protection	None