Product data sheet

Vacuum unit

Speed-controlled vacuum unit with side channel blower from the VB series



Description

- Vacuum unit with side channel blower from the VB series
- Speed-controlled
- Designed for suction of moist air
- Longer service life than conventional side channel blowers thanks to optimised, moisture-resistant bearings
- On-demand vacuum generation for high efficiency
- Easy to install in the place of existing side channel blowers
- 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!

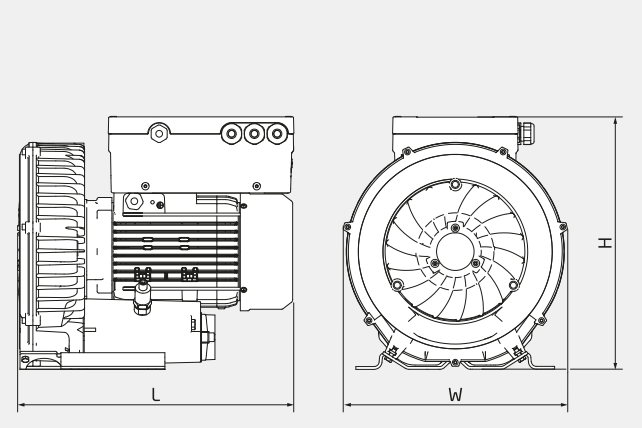
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Make a non-binding enquiry

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Technical data

International system of units, alternating current



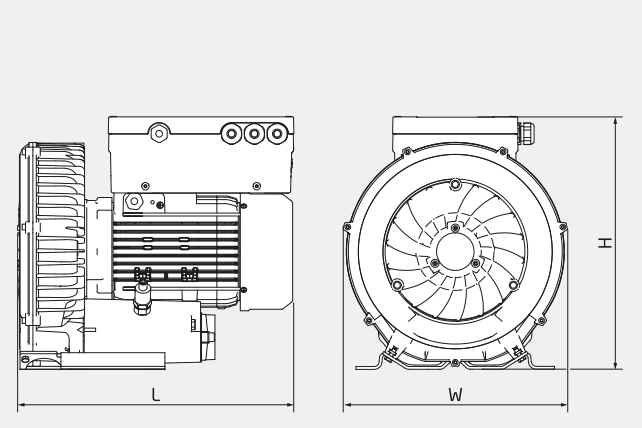
H	347–408 mm
W	287–382 mm
L	342–486 mm

Dimensions may vary depending on the design.

Product type	BluSystems vacuum unit
Shaft sealing	Radial shaft sealing
Pump design	Side channel blower
Typical media	Dry and moist gases
Variable speed	Yes
Max. rel. negative pressure	-260 mbar
Max. suction capacity – gas	500 m³/h
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	1.5 – 4.3 kW
Motor frequency	10 – 70 Hz
Suction-side connection design	Threaded
Suction-side connection size	G 1½" – 2"
Pressure-side connection design	Threaded
Pressure-side connection size	G 1½" – 2"
Material designs	Aluminium
Explosion protection	None

Technical data

Anglo-American system of measurement, alternating current



H	13,66–16,06 inch
W	11,30–15,04 inch
L	13,46–19,13 inch

Dimensions may vary depending on the design.

Product type	BluSystems vacuum unit
Shaft sealing	Radial shaft sealing
Pump design	Side channel blower
Typical media	Dry and moist gases
Variable speed	Yes
Max. rel. negative pressure	-7.7 inHg
Max. suction capacity – gas	294.3 CFM
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	2.0 – 5.8 HP
Motor frequency	10 – 70 Hz
Suction-side connection design	Threaded
Suction-side connection size	G 1½" – 2"
Pressure-side connection design	Threaded
Pressure-side connection size	G 1½" – 2"
Material designs	Aluminium
Explosion protection	None