Product data sheet

Vacuum unit

Speed-controlled vacuum unit with bi-functional vacuum water pump and built-in separator



Description

- Vacuum unit with bi-functional vacuum water pump
- Speed-controlled
- Built-in, stainless steel separator
- Designed for suction of air-water mixes
- Compact design
- 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!

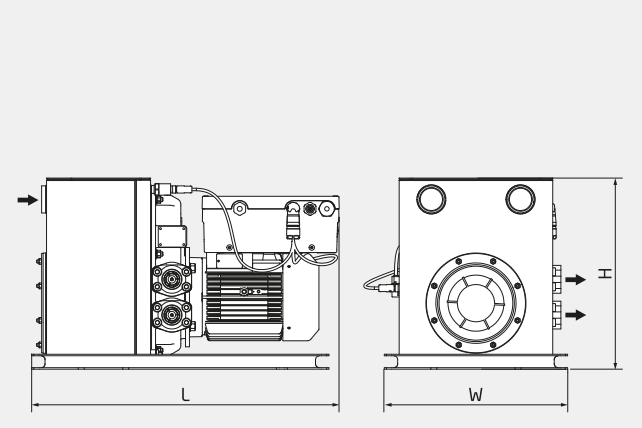
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Make a non-binding enquiry

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Technical data

International system of units, alternating current



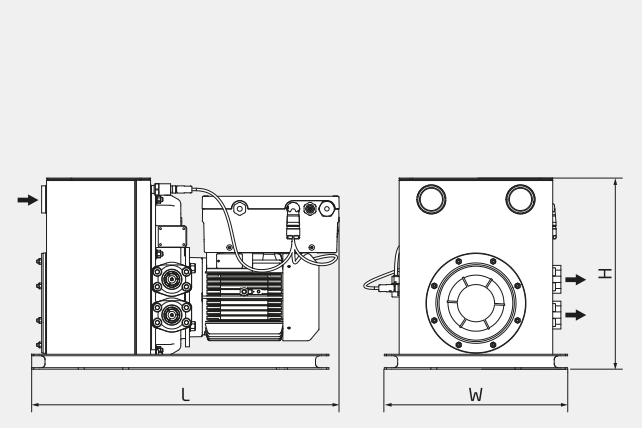
H	385 mm
W	370 mm
L	620–687 mm

Dimensions may vary depending on the design.

Product type	BluSystems vacuum unit
Shaft sealing	Mechanical seal and packing ring
Pump design	Bi-functional close-coupled pump (liquid ring vacuum pump/water pump) with built-in separator
Typical media	Gas/water mixtures
Variable speed	Yes
Max. rel. negative pressure	-930 mbar
Max. suction capacity – gas	105 m³/h
Min. suction capacity – water	6 m³/h
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	2.8 – 4.3 kW
Motor frequency	7 – 67 Hz
Suction-side connection design	Threaded
Suction-side connection size	G 1½"
Pressure-side connection design	SAE
Pressure-side connection size	SAE 1¼"
Material designs	Grey cast iron Non-ferrous metal
Explosion protection	None

Technical data

Anglo-American system of measurement, alternating current



H	15,16 inch
W	14,57 inch
L	24,41–27,05 inch

Dimensions may vary depending on the design.

Product type	BluSystems vacuum unit
Shaft sealing	Mechanical seal and packing ring
Pump design	Bi-functional close-coupled pump (liquid ring vacuum pump/water pump) with built-in separator
Typical media	Gas/water mixtures
Variable speed	Yes
Max. rel. negative pressure	-27.5 inHg
Max. suction capacity – gas	61.8 CFM
Min. suction capacity – water	3.5 CFM
Motor current type	3~
Type of motor	Asynchronous motor
Nominal motor power	8.8 – 5.8 HP
Motor frequency	7 – 67 Hz
Suction-side connection design	Threaded
Suction-side connection size	G 1½"
Pressure-side connection design	SAE
Pressure-side connection size	SAE 1¼"
Material designs	Grey cast iron Non-ferrous metal
Explosion protection	None