

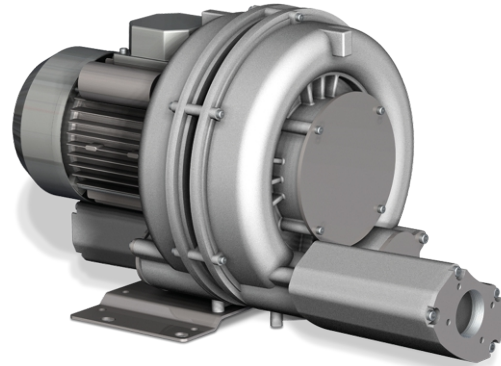
SAMOS SI 0090-0210 E2

Side channel blowers



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Reliable

Robust construction, effective air cooling, long lifetime, nearly maintenance-free, dry and contact-free operating principle, high differential pressures thanks to two compression stages, protection against overheating

Flexible

Vacuum or overpressure operation, horizontal and vertical installation

Quiet

Low noise level, fully enclosed unit, internal silencers

Accessories, spare parts and options

- Vacuum relief valves
- Pressure relief valves
- Additional silencers

SAMOS SI 0090-0210 E2

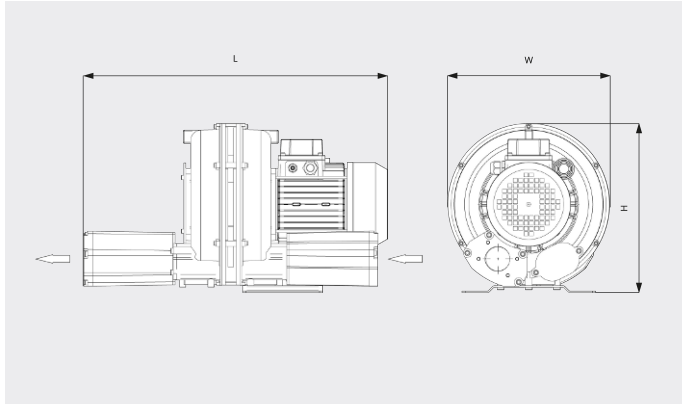
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VACUUM SOLUTIONS

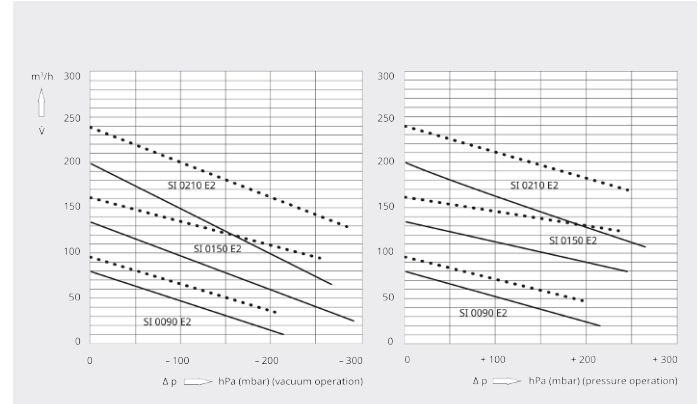
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$



	SAMOS SI 0090 E2	SAMOS SI 0150 E2	SAMOS SI 0210 E2
Nominal pumping speed/volume flow	56.5 ACFM	95.3 ACFM	141.2 ACFM
Max. differential pressure (vacuum version)	-153.75 TORR	-191.25 TORR	-210 TORR
Max. differential pressure (overpressure version)	146.25 TORR	176.25 TORR	183.75 TORR
Max. operating power	1.2 hp	2.3 hp	3.4 hp
Nominal motor speed	3600 RPM	3600 RPM	3600 RPM
Noise level (ISO 3744)	68 dB(A)	68 dB(A)	72 dB(A)
Weight approx.	35.2 Lbs.	55 Lbs.	68.2 Lbs.
Dimensions (L x W x H)	21.1 x 9.6 x 9.9 inches	21.4 x 11.9 x 12.4 inches	11.2 x 13.1 x 13.4 inches
Gas inlet / outlet	G 1 ¼" / G 1 ¼"	G 1 ½" / G 1 ½"	G 1 ½" / G 1 ½"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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