

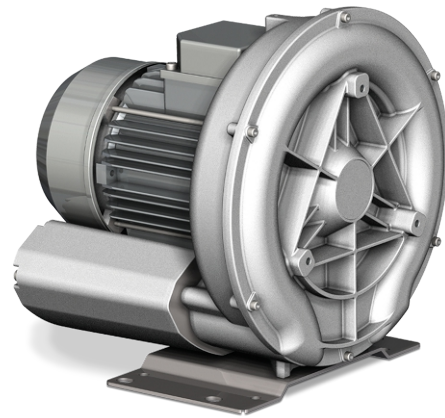
SAMOS SI 0045-0150 E1

Side channel blowers



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Reliable

Robust and light-weight construction, effective air cooling, long lifetime, nearly maintenance-free, dry and contact-free operating principle, 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
- Inlet filter for vacuum or pressure operation

SAMOS SI 0045-0150 E1

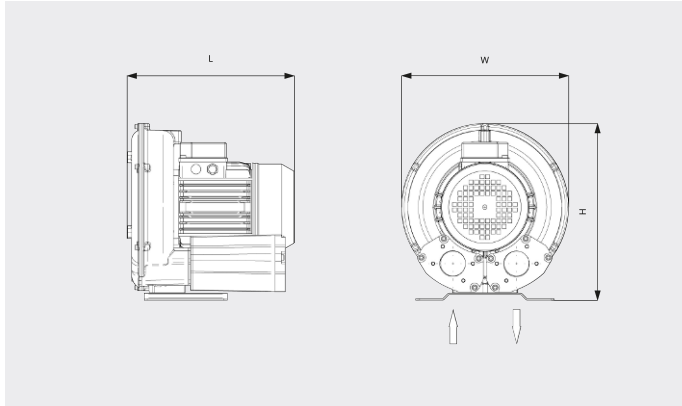
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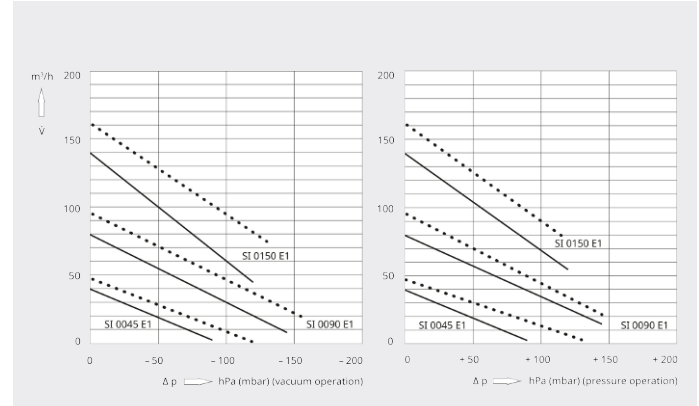
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$



	SAMOS SI 0045 E1	SAMOS SI 0090 E1	SAMOS SI 0150 E1
Nominal pumping speed/volume flow	28.2 ACFM	56.5 ACFM	95.3 ACFM
Max. differential pressure (vacuum version)	-90 TORR	-116.25 TORR	-97.5 TORR
Max. differential pressure (overpressure version)	97.5 TORR	108.75 TORR	101.25 TORR
Max. operating power	0.3 hp	0.7 hp	1.2 hp
Nominal motor speed	3600 RPM	3600 RPM	3600 RPM
Noise level (ISO 3744)	60 dB(A)	61 dB(A)	66 dB(A)
Weight approx.	15.4 Lbs.	22 Lbs.	39.6 Lbs.
Dimensions (L x W x H)	8.5 x 7.8 x 8.2 inches	10.7 x 9.7 x 9.9 inches	11.1 x 11.9 x 12.6 inches
Gas inlet / outlet	G 1" / G 1"	G 1¼" / G 1¼"	G 1½" / G 1½"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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