DATA SHEET

VARIAIR BCV 300
CLAW VACUUM PUMPS

dry and contact free compression
air-cooled, VARIAIR frequency inverter

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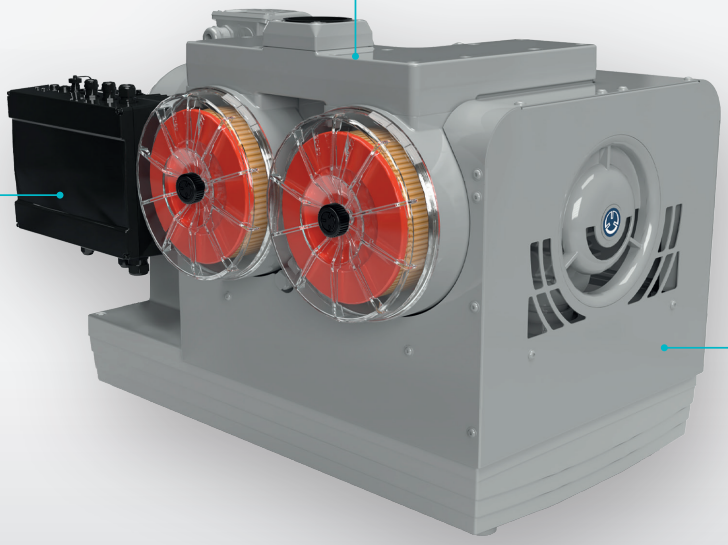
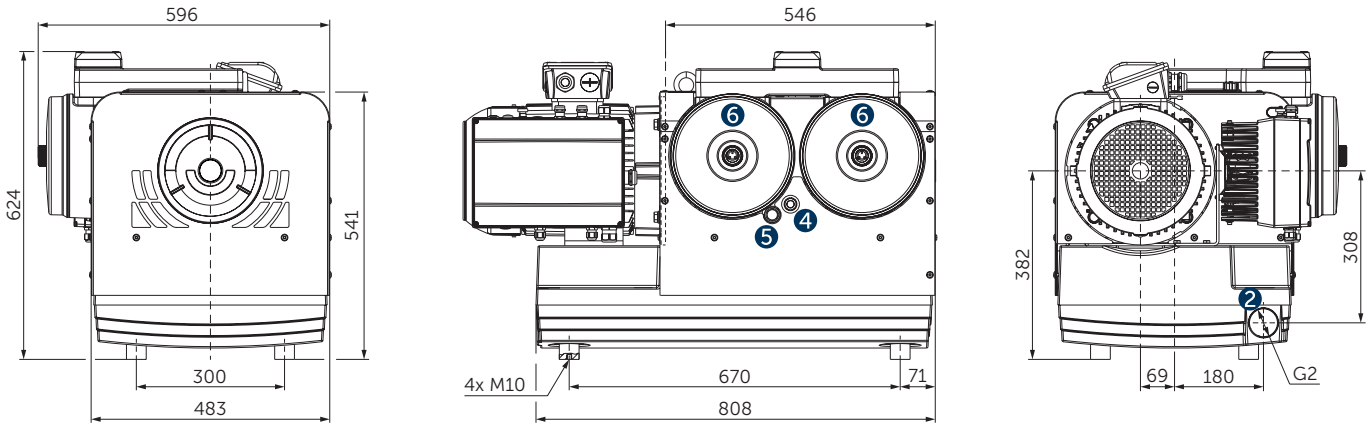
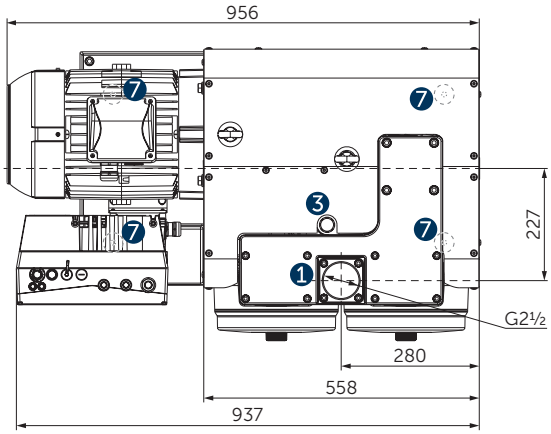


1. Frequency inverter functionality enhances appliance performance, precisely adapts to process requirements and optimises energy consumption.
2. The transparent filter cover makes it easy to spot contamination, while the larger filter surface extends the time between replacement intervals, ensuring uninterrupted operation.
3. Minimal maintenance reduces operating costs and the need for serviceable parts, while maximising efficiency and productivity.

VARIAIR UNIT

BECKER

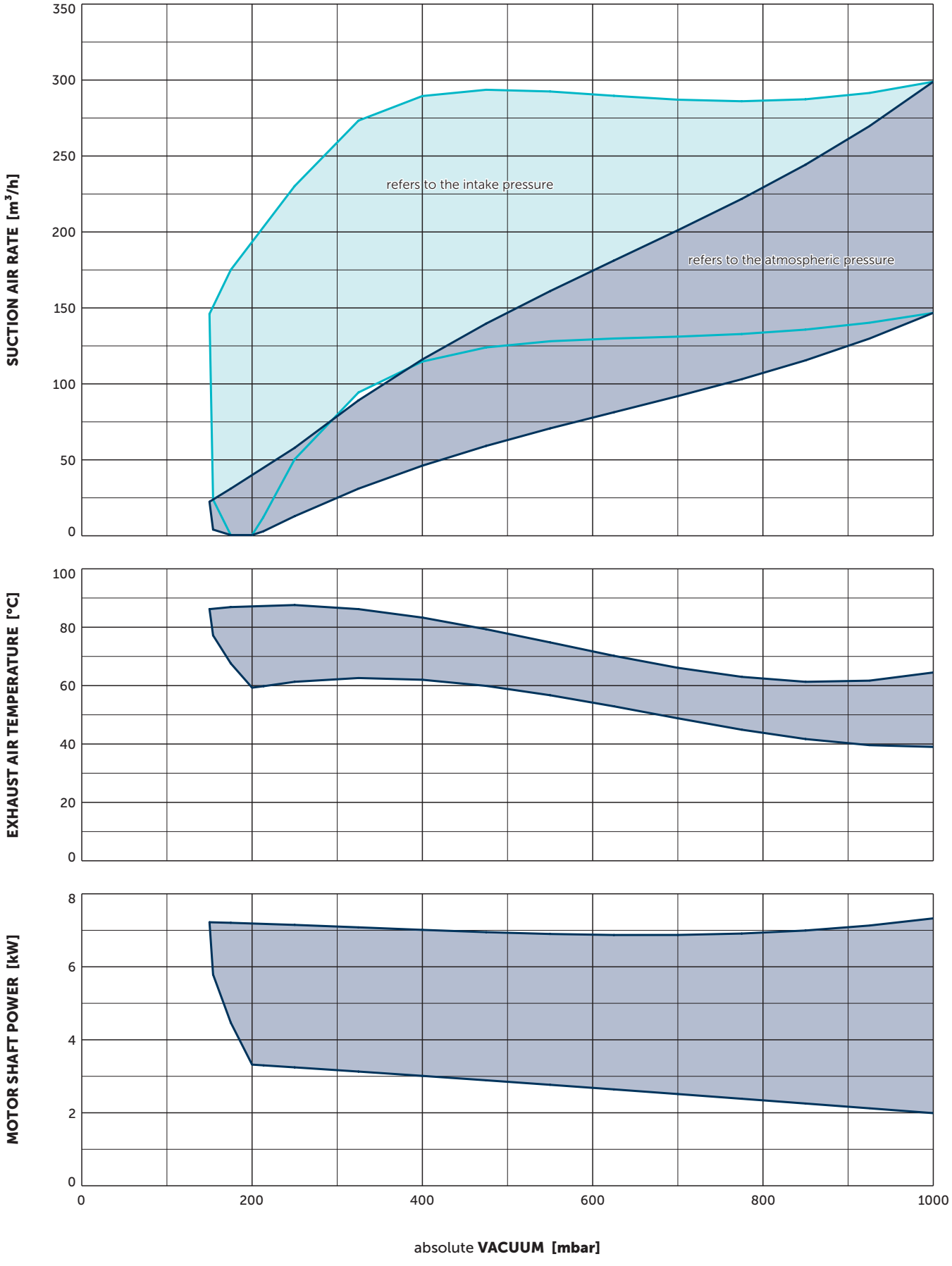




1 Vacuum connection (G2½")
2 Exhaust air connection (G2")
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Suction filter
7 Rubber buffer position
- The motor illustration may vary.
- Dimensions in mm

Nominal capacity	Vacuum absolute	Frequency	Emission sound pressure level [1]	Weight	M 3~ U V W 3~ L1 L2 L3	
m^3/h	mbar	Hz	dB(A)	kg	Frequency inverter [2]	A
max.	max.		@ 400 mbar (40 Hz)		VAU-C	max.
325	150	30-60	74	340	400-480 V ±10% 50/60 Hz	16

[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
1 m distance, at medium load, both connection sides piped
[2] For detailed information, see inverter instructions.
To determine the actual power required, see the shaft power diagram.
- Reference data (atmosphere): 1000 mbar, 20°C, measurements with integrated filter; Tolerance: ±10%



Reference data (atmosphere): 1000 mbar, 20°C, measurements with integrated filters
Tolerance: ±10%

Right of modification reserved 2026-07-16

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