

DATA SHEET

VARIAIR BCV 100

CLAW VACUUM PUMPS

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

MAKE IT BECKER.

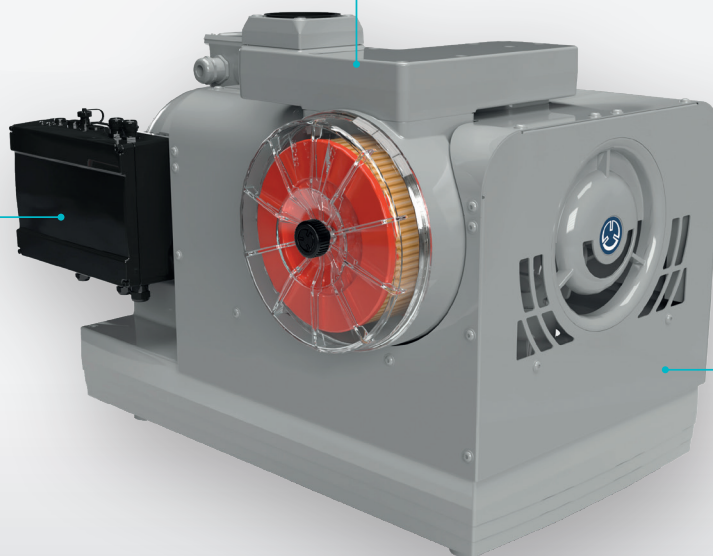
VARIAIR INVERTER
TECHNOLOGY

3

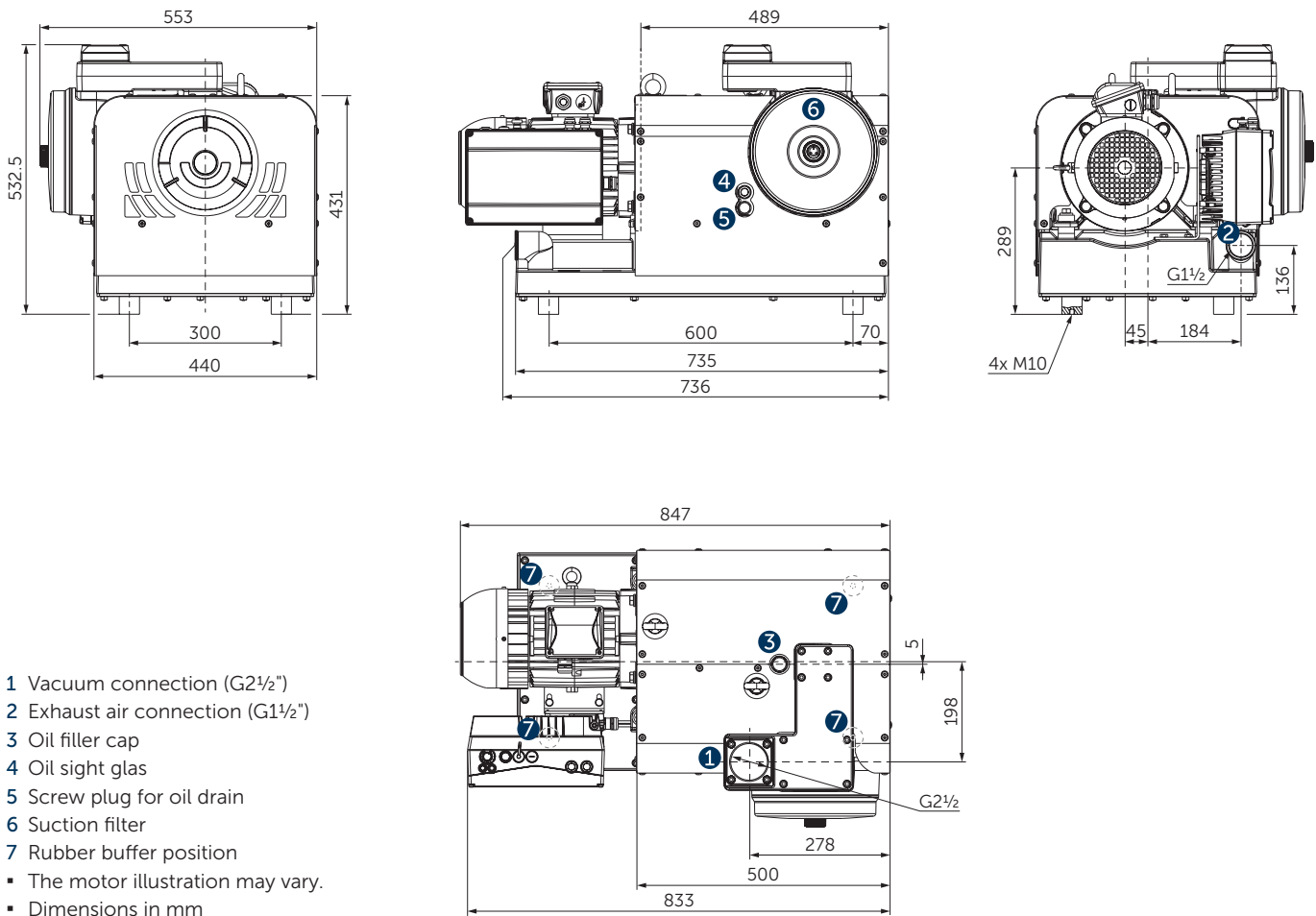
1 INTEGRATED FILTER

NON-CONTACT
OPERATING
PRINCIPLE

2



- 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.

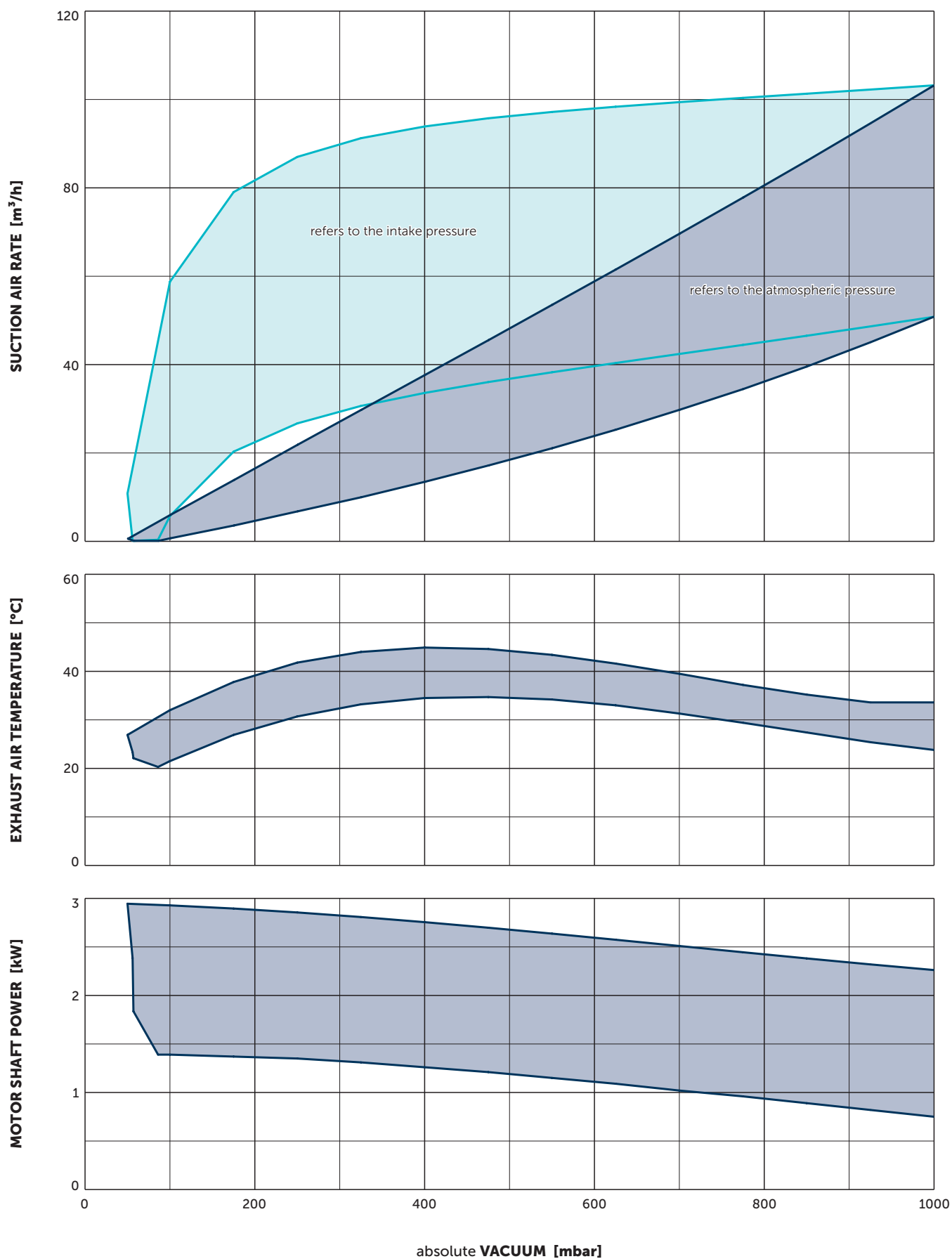


Nominal capacity	Vacuum absolute	Frequency	Emission sound pressure level ¹⁾	Weight	 Frequency inverter ²⁾	
m³/h max.	mbar max.	Hz	dB(A) @ 400 mbar (40 Hz)	kg	VAU-B	A max.
120	50	30-60	70	178	400-480 V ±10% 50/60 Hz	6

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 filter
 Tolerance: $\pm 10\%$



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