

DATA SHEET

VARIAIR SV 500/1 SIDE CHANNEL BLOWERS

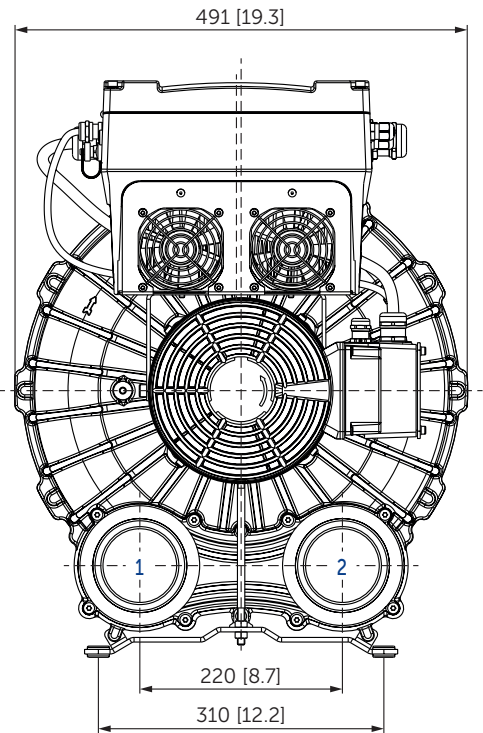
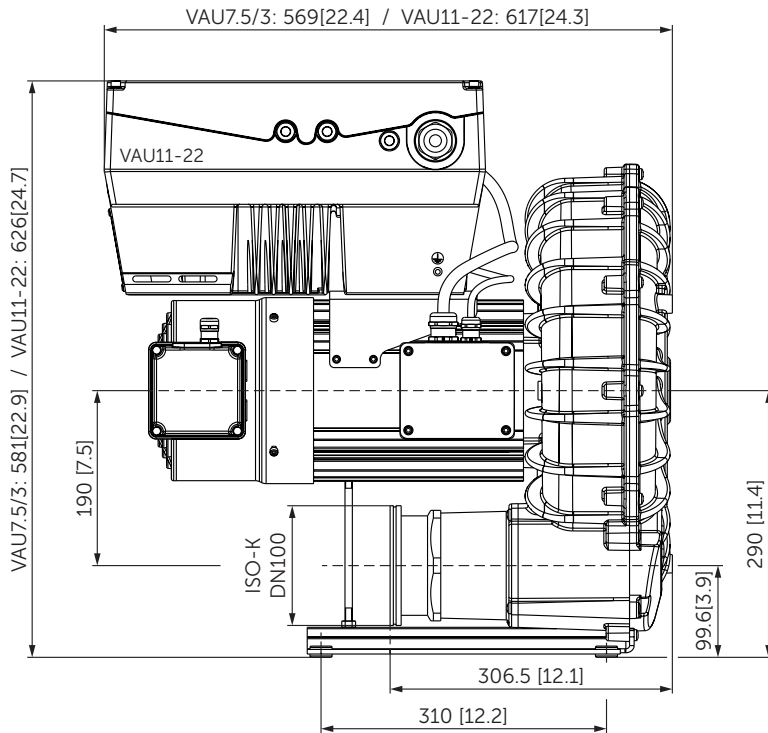
single stage, air-cooled, gas-tight
VARIAIR frequency inverter

MAKE IT BECKER.





VARIAIR
UNIT

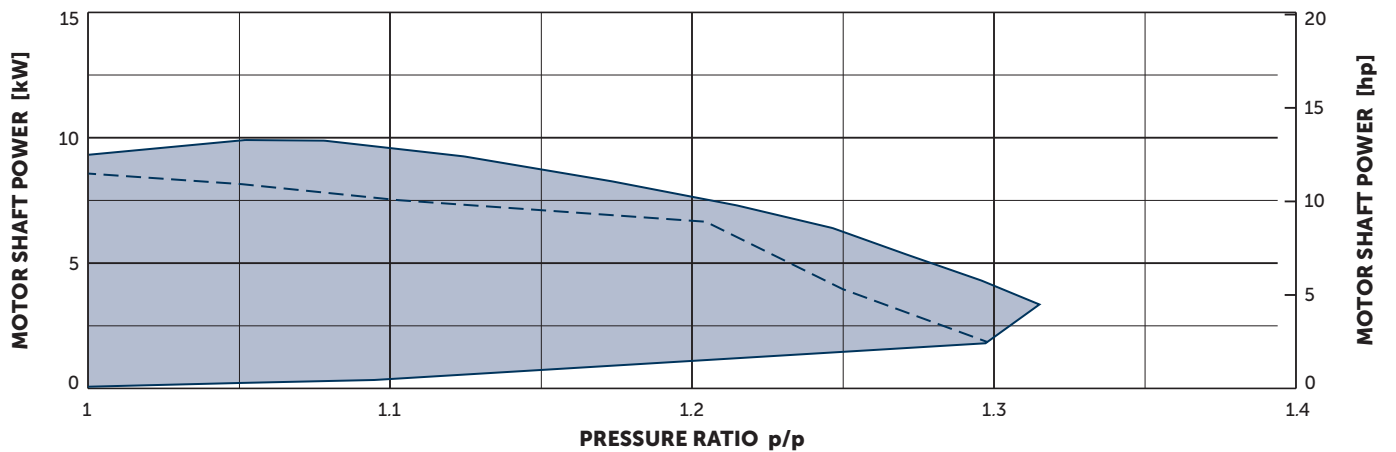
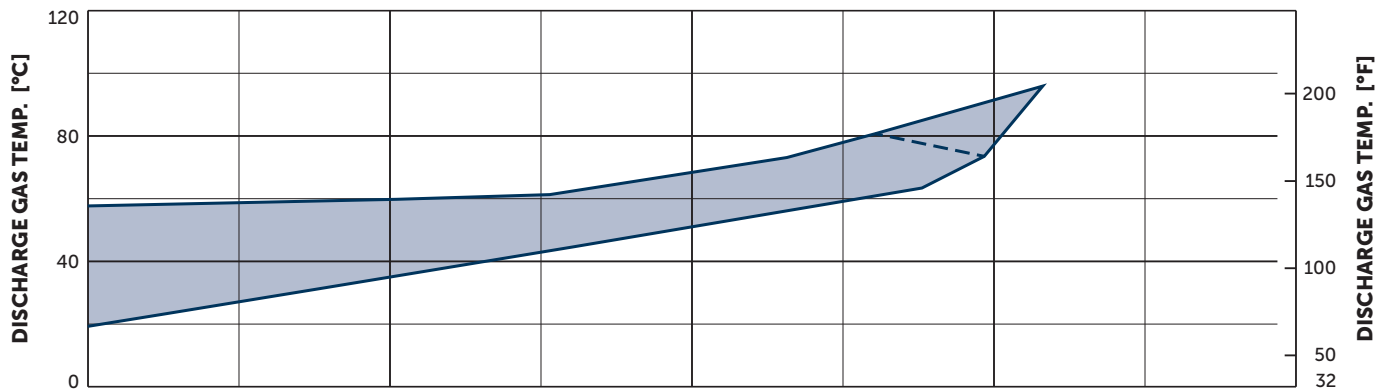
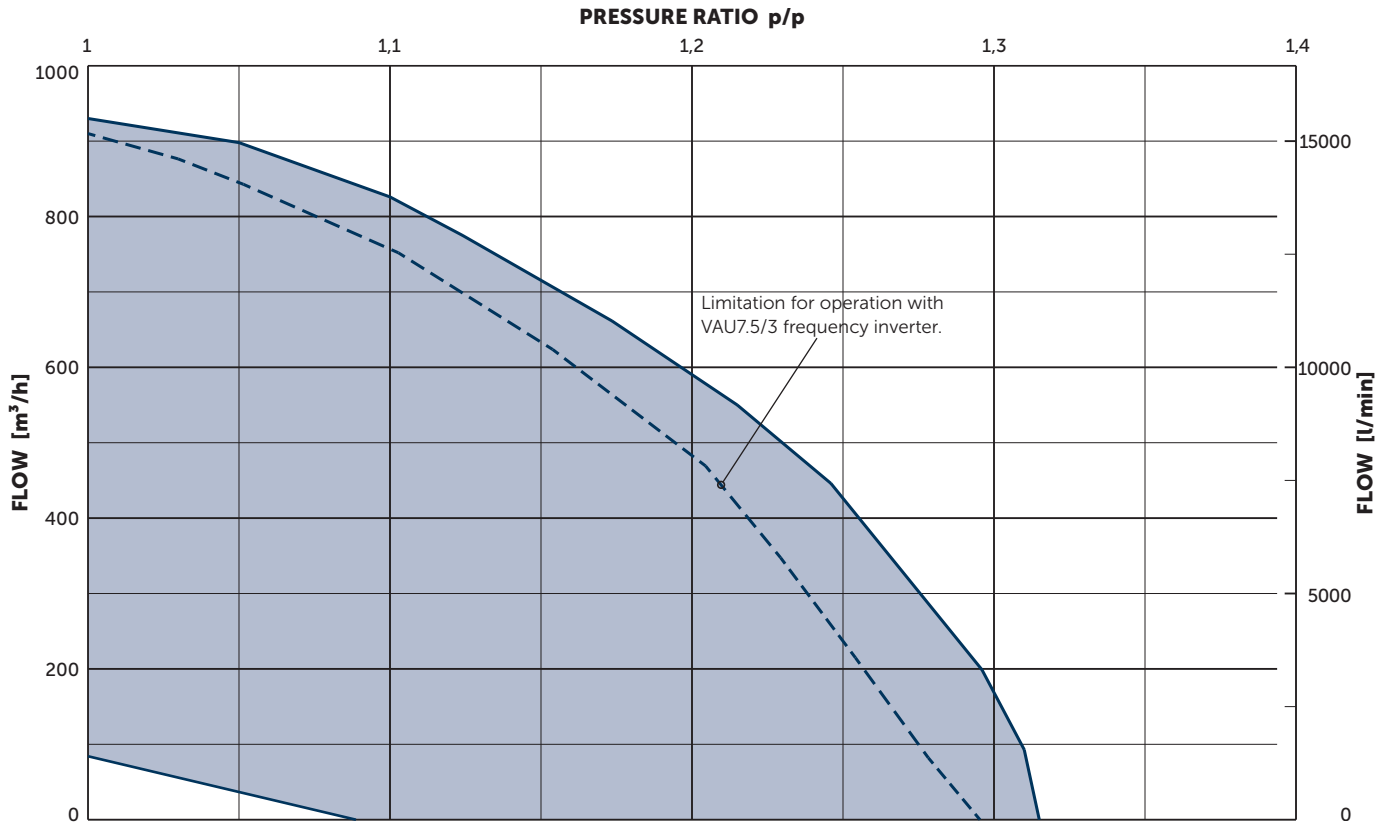
 **BECKER**



- 1 Vacuum connection DN 100 ISO-K (DIN 28404), optional DN 100 (DIN 32676-A)
- 2 Pressure connection DN 100 ISO-K (DIN 28404), optional DN 100 (DIN 32676-A)
- Dimensions in mm [inch]

Flow ¹⁾	Pressure ratio $p/p^{1)}$	Frequency	Emission sound pressure level ²⁾	Weight	 Frequency inverter	 A
m^3/h max.	max.	Hz	dB(A) 1.23 p/p (65 Hz)	kg		max.
910	1.295	10–100	71 (@ 1.135 p/p)	78.5	VAU7.5/3 7.5 kW 400–480 V $\pm 10\%$ 50/60 Hz	20
930	1.315	10–100	71 (@ 1.167 p/p)	90.8	VAU11-22 11–22 kW 400–480 V $\pm 10\%$ 50/60 Hz	25

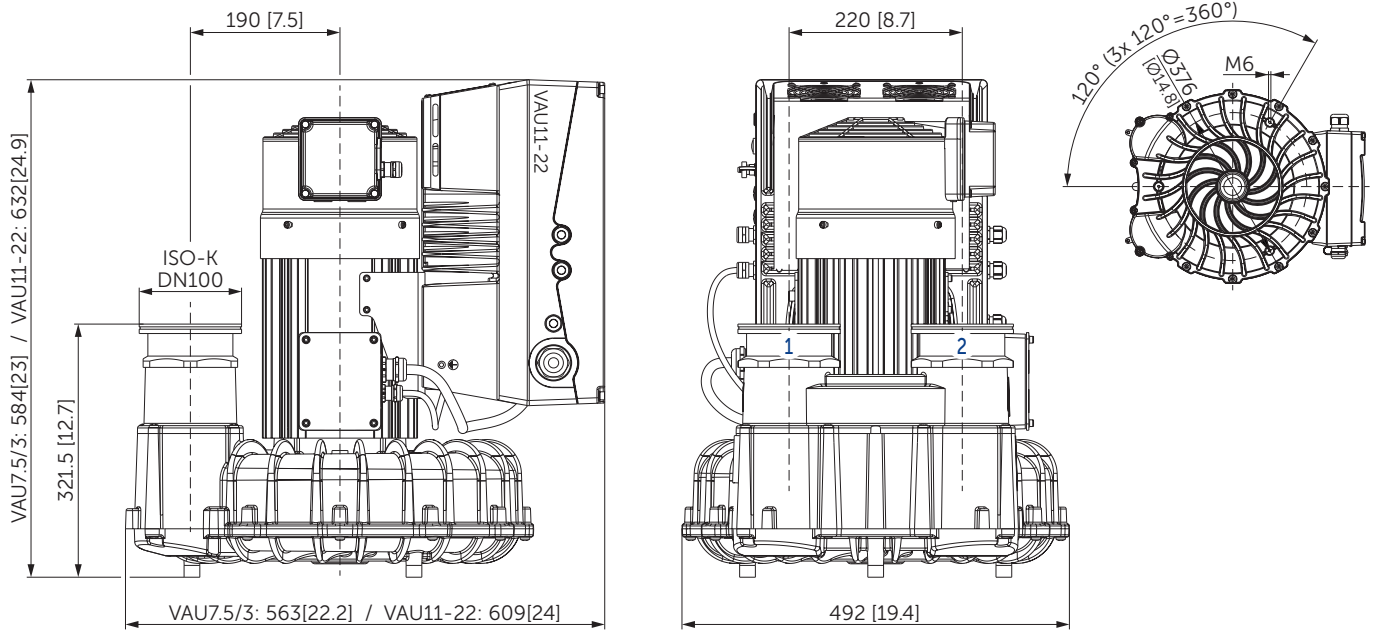
- VARIAIR SV 500/1 gas-tight: leakage rate $<1 \times 10^{-5}$ mbar l/s ($<1 \times 10^{-6}$ Pa m^3/s) measured with a helium leak detector, integral for the complete unit
- ¹⁾ Measured for argon at reference data
- ²⁾ According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
1 m [39.4 inch] distance, at medium load, both connection sides piped, suction side unloaded



Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
 Tolerance: ±10%
 Measured for argon (deviating characteristics for other inert gases)
 Ambient temperature: ≤ 45°C (≤ 113°F)
 Inlet pressure: ≤ 1050 mbar (105 kPa)

+ VARIANTS AND ACCESSORIES

WITHOUT PEDESTAL, WITH RUFFER BUFFERS



- 1 Vacuum connection DN 100 ISO-K (DIN 28404), optional DN 100 (DIN 32676-A)
- 2 Pressure connection DN 100 ISO-K (DIN 28404), optional DN 100 (DIN 32676-A)
- Dimensions in mm [inch]



MAKE IT BECKER.