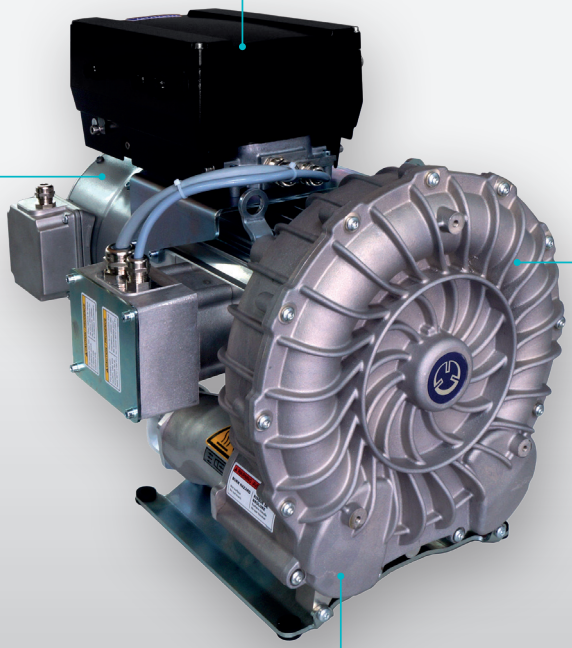
DATA SHEET

VARIAIR SV 201/1
SIDE CHANNEL BLOWERS

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

MAKE IT BECKER.

INTEGRATED FREQUENCY INVERTER
for exact adaptation to customer demands



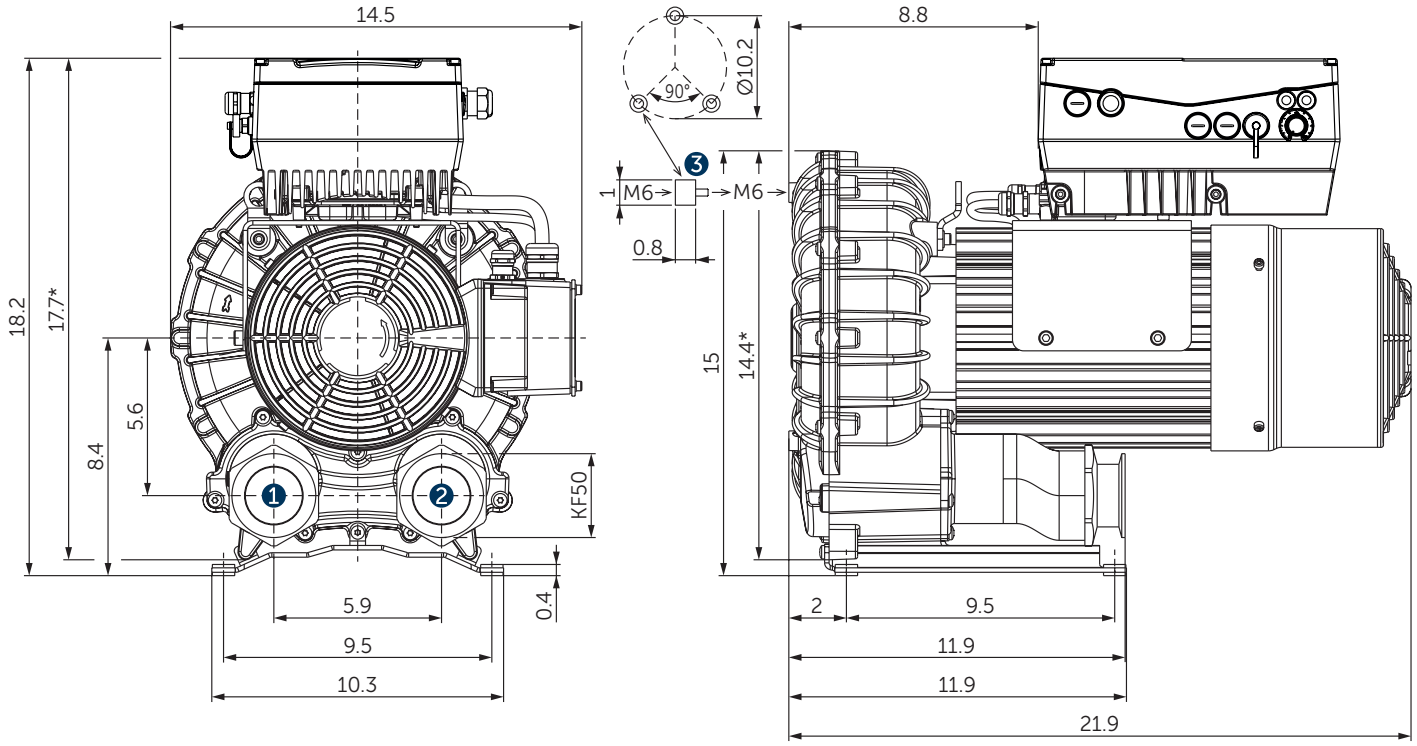
EFFICIENT AND MAINTENANCE-FREE

100% OIL-FREE AND CONTACTLESS OPERATION

COMPACT DESIGN

VARIAIR UNIT

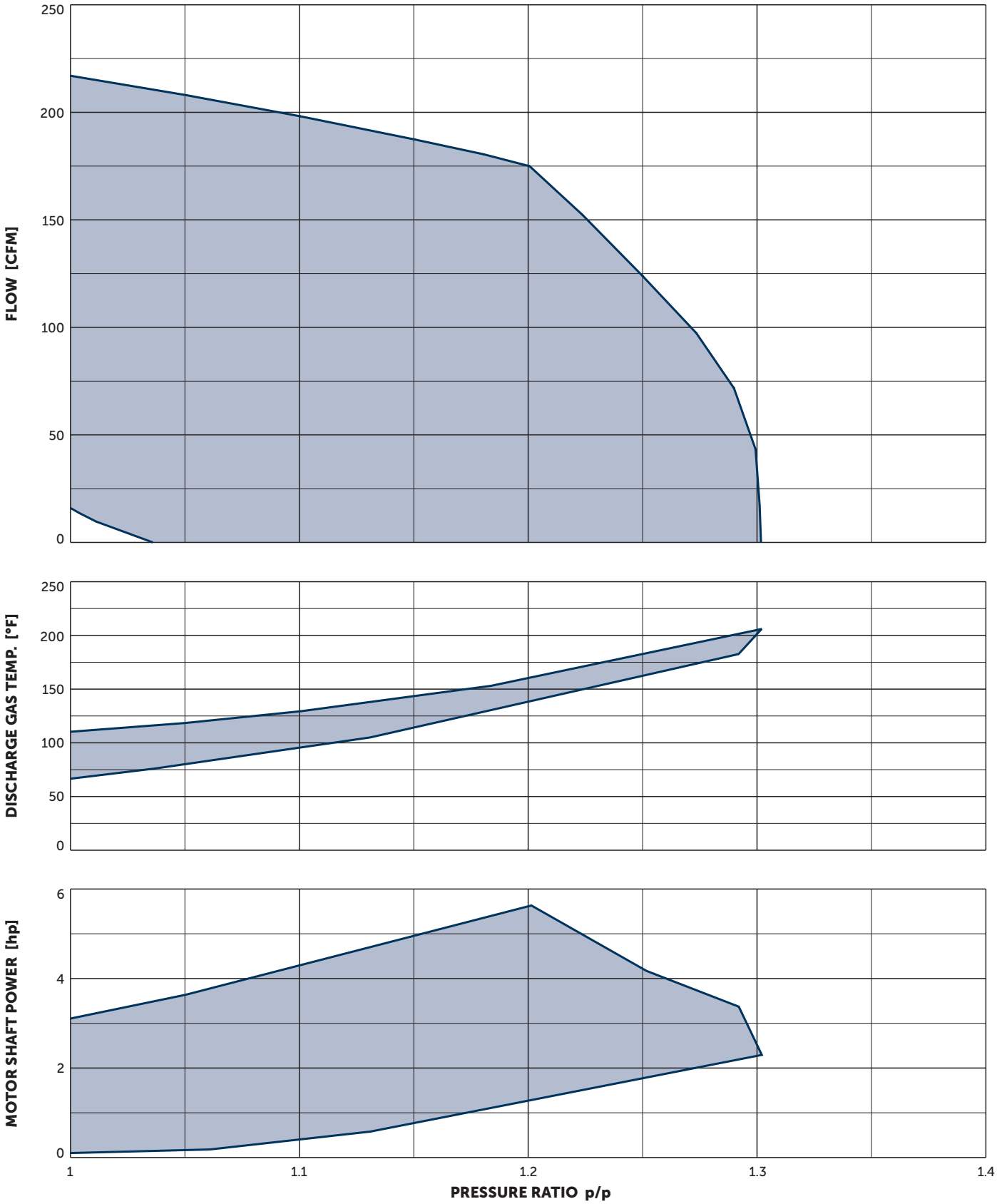
BECKER



1 Vacuum connection KF 50 (DIN 28403), optional DN 50 (DIN 32676)
2 Pressure connection KF 50 (DIN 28403), optional DN 50 (DIN 32676)
3 Rubber buffer position (optional)
* Device dimensions without pedestal (optional) under the silencer
▪ Dimensions in inch

Flow [1]	Pressure ratio [1]	Frequency	Emission sound pressure level [2]	Weight	Frequency inverter [3]
CFM max.	p/p max.	Hz	dB(A) 1.2 p/p (67 Hz)	lbs	
217	1.3	10–100	62	114.7	400–480 V ±10% 50/60 Hz

[1] Measured for argon at reference data (atmosphere): 0 PSIG, 68°F; tolerance: ±10%
Leakage rate <1x10^{-5} mbar l/s (<1x10^{-6} Pa m^3/s) measured with a helium leak detector, integral for the complete unit
[2] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
39.4 inch distance, at medium load, both connection sides piped, suction side unloaded
[3] The frequency inverter is designed for a specific maximum motor power. (See inverter instructions for details.)
The motor is selected on the basis of the required motor shaft power. Therefore, the installed motor power may be less than the maximum power supported by the inverter.



Reference data (atmosphere): 0 PSIG, 68°F
Tolerance: ±10%
Measured for argon (deviating characteristics for other inert gases)
Ambient temperature: ≤ 113°F
Inlet pressure: ≤ 0.725 PSIG

Right of modification reserved 2024-10-11

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