

DATA SHEET

# VARIAIR RV 2.1944

## RADIAL VACUUM PUMPS

air-cooled

with external VARIAIR frequency converter

**MAKE IT BECKER.**

**LARGE VOLUME FLOW**  
with a compact design

**EXACT ADAPTATION TO DEMAND**

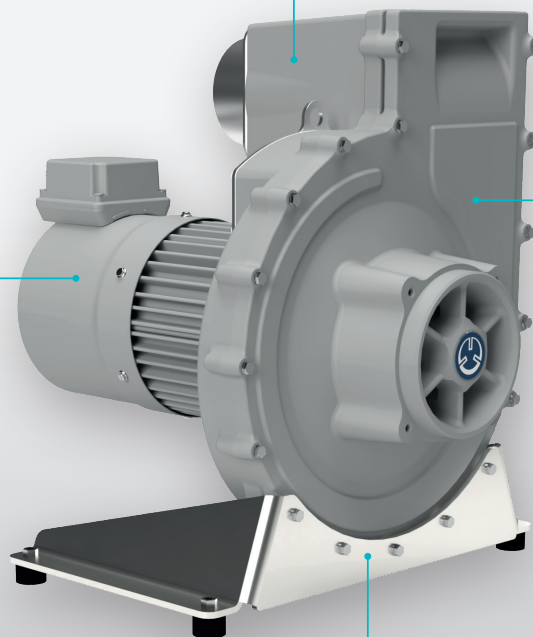
due to large control range up to a maximum  
of 400 Hz of the external frequency inverter

**ENERGY-EFFICIENT  
OPERATION**

because of high efficiency

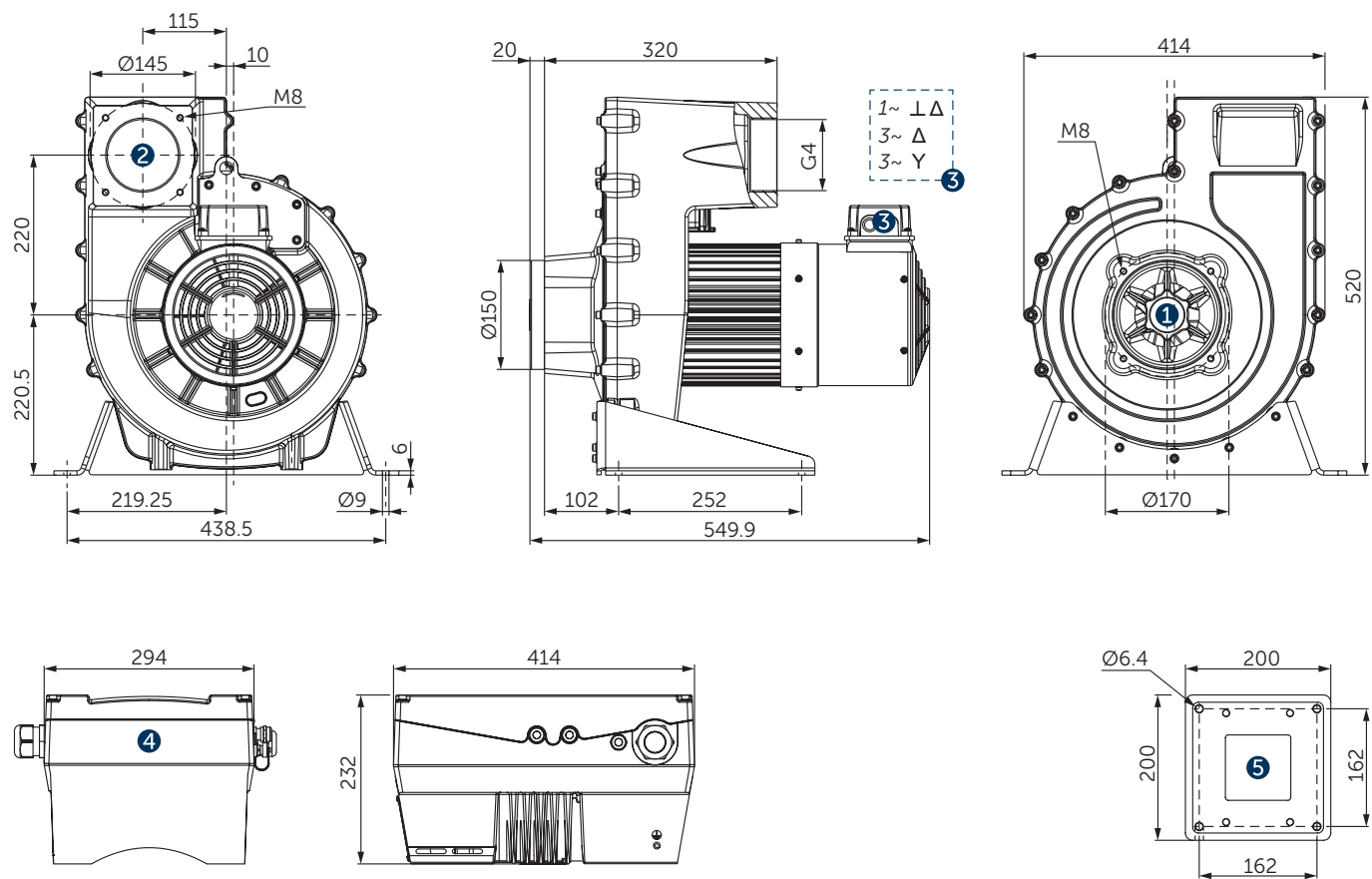
**SIMPLE AND FLEXIBLE  
SYSTEM INTEGRATION**

even without a pedestal

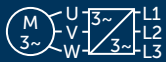


**VARIAIR**  
UNIT

 **BECKER**

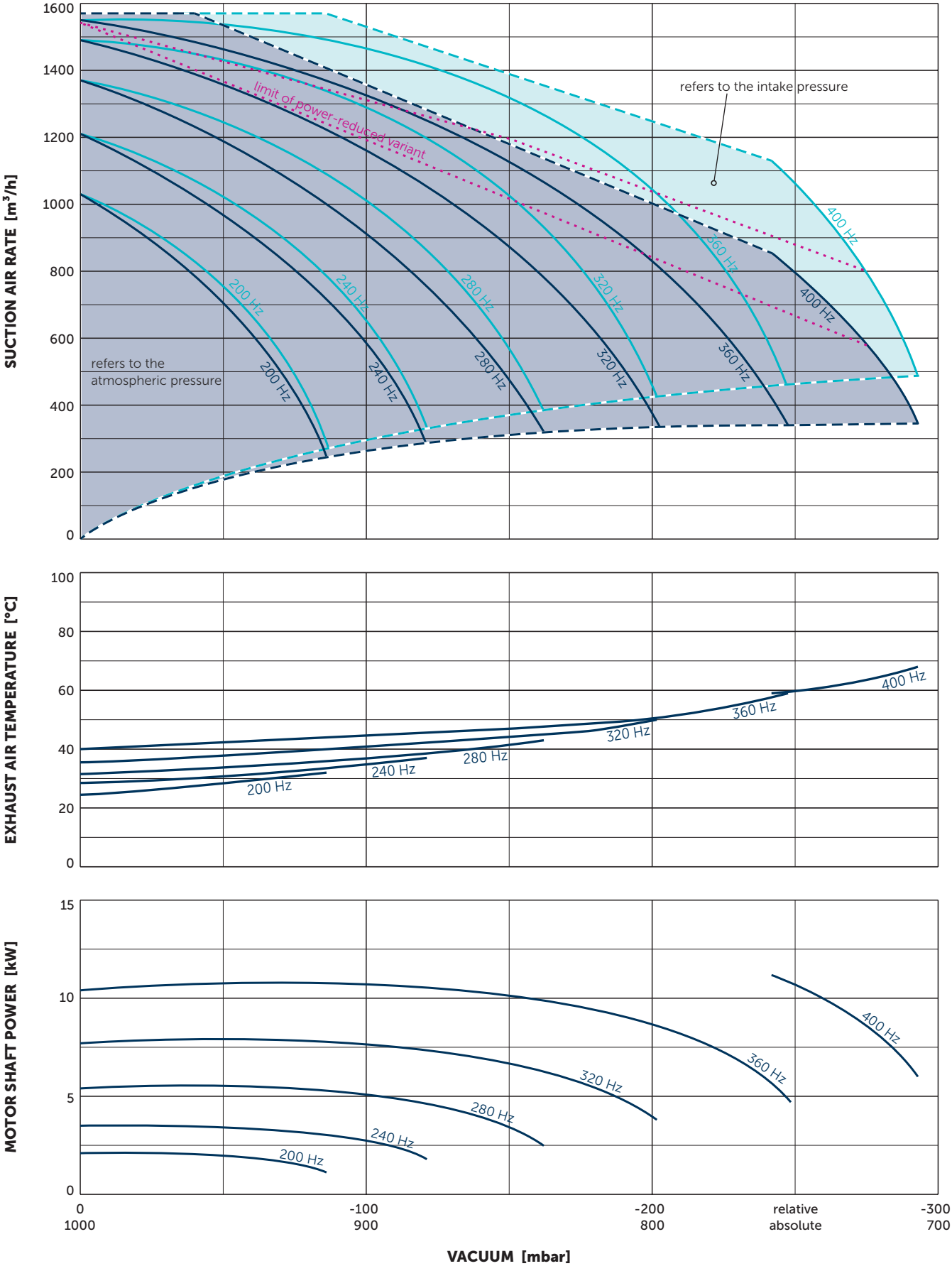


- 1 Vacuum connection
- 2 Pressure connection
- 3 Connection/pin assignment motor fan
- 4 Frequency inverter
- 5 Wall mount for frequency inverter
- Dimensions in mm

Suction air rate	Vacuum relative	Frequency	Emission sound pressure level <sup>1)</sup>	Weight w/o inverter	
m³/h max.	mbar max.	Hz	dB(A) @ -200 mbar (360 Hz)	kg	Frequency inverter
1570	-290	≤400	75	60	400–480 V ±10% • 50/60 Hz 21 kg

<sup>1)</sup> DIN EN ISO 3744 (KpA = 3 dB(A)) interval of 1 m, at medium load, both connection sides piped

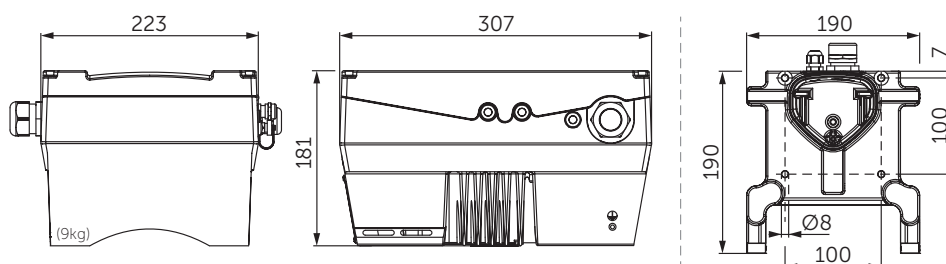
- Frequency inverter incl. wall mount; cable length between frequency inverter and radial vacuum pump max. 4.0 m



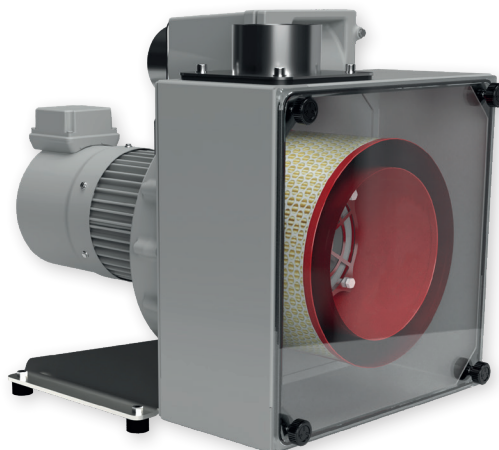
Reference data (atmosphere): 1000 mbar, 20°C  
Tolerance: ±5%

## + VARIANTS AND ACCESSORIES

- **VARIAIR RV 2.1944** power-reduced, see characteristic diagram
- VARIAIR RV 2.1944 including **suction filter RV 2.19**<sup>1)</sup> with transparent service cover, large filter surface and variable suction connection position; optionally with integrated non-return flap



Frequency inverter for the power-reduced RV 2.1944 | Wall mount



Suction filter RV 2.19

<sup>1)</sup> See separate data sheet

**MAKE IT BECKER.**

HOMEPAGE  
RV/VATP SERIES



ONLINE SHOP  
RV 2.1944

