

DATA SHEET

VACS 0080.00X0.NG VC+

VARIAIR CENTRAL SYSTEM

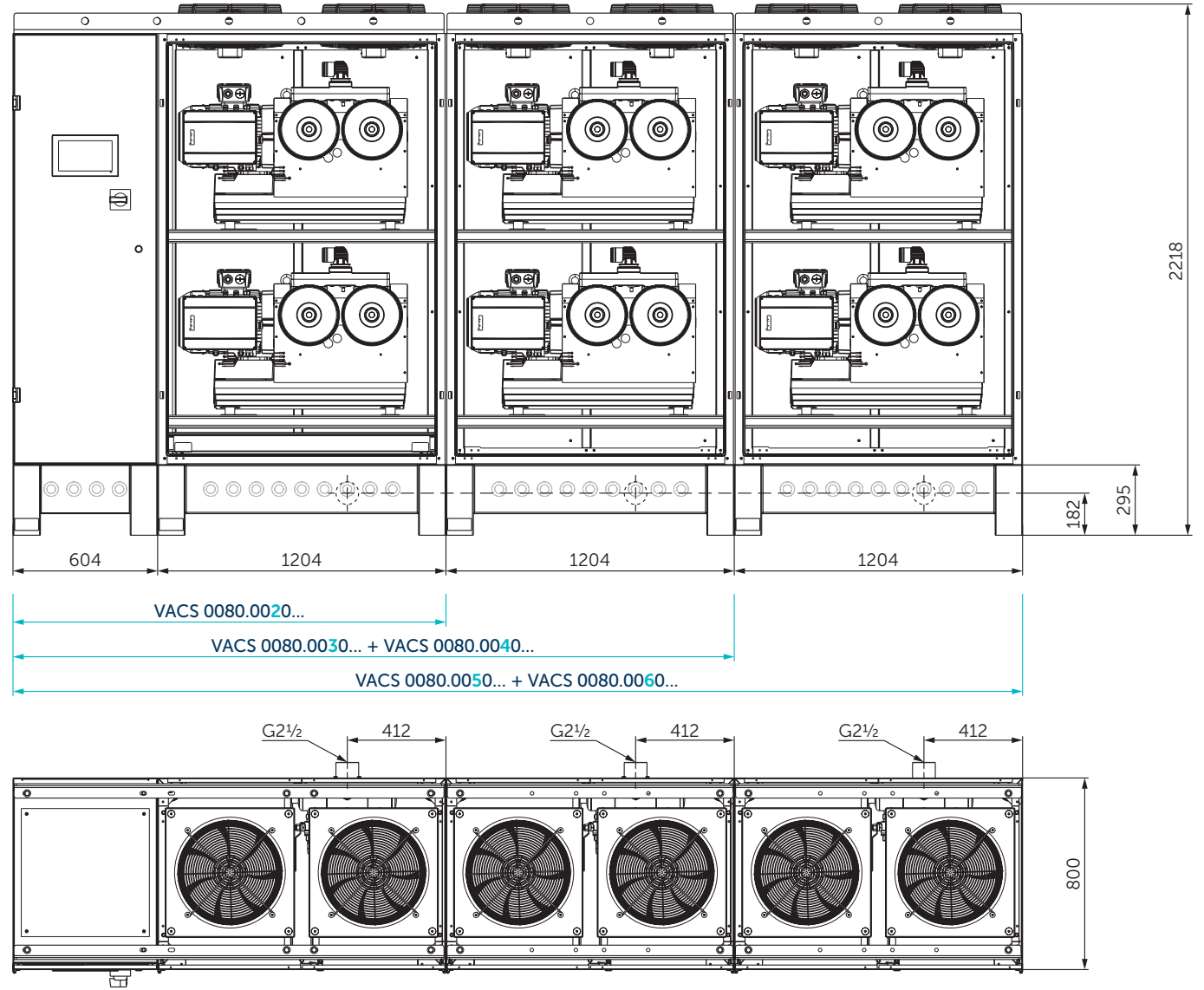
with claw vacuum pumps
VARIAR BCV 300

MAKE IT BECKER.



VACS 0080.0020.NG VC+

- 1 The central air supply system precisely matches actual air demand with optional variable speed drive technology, ensuring efficient and flexible production.
- 2 The optimised speed range, averaging 65%, significantly lowers energy consumption, providing noticeable cost savings compared to unregulated systems.
- 3 Reduced noise and lower appliance temperatures in production improves working conditions and reduces strain on personnel.



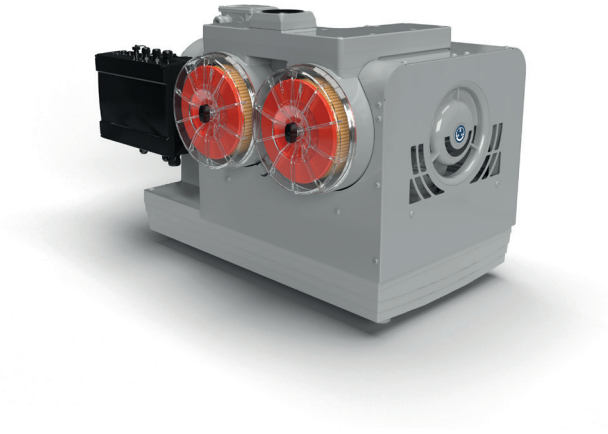
		Number of units VARIAIR BCV 300 vacuum pumps VACS 0080.00X0.NG VC+				
		X = 2	3	4	5	6
Maximum nominal capacity	m³/h	650	975	1300	1625	1950
Maximum absolute vacuum	mbar	200	200	200	200	200
Total power of vacuum pumps	kW	14.4	21.6	28.8	36.0	43.2
Voltage	V	400–480 ±10%				
Emission sound pressure level 60 Hz ¹⁾	dB(A)	76	78	79	80	80
Weight	kg	1200	1790	2100	2700	3010
Fuse protection	A	63	63	100	100	100
VACS order number		L007692	L007694	L007695	L007696	L007697

¹⁾ According to DIN EN ISO 11203 and DIN EN ISO 3744 (KpA = 3 dB(A))
• Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±5%
• Dimensions in mm

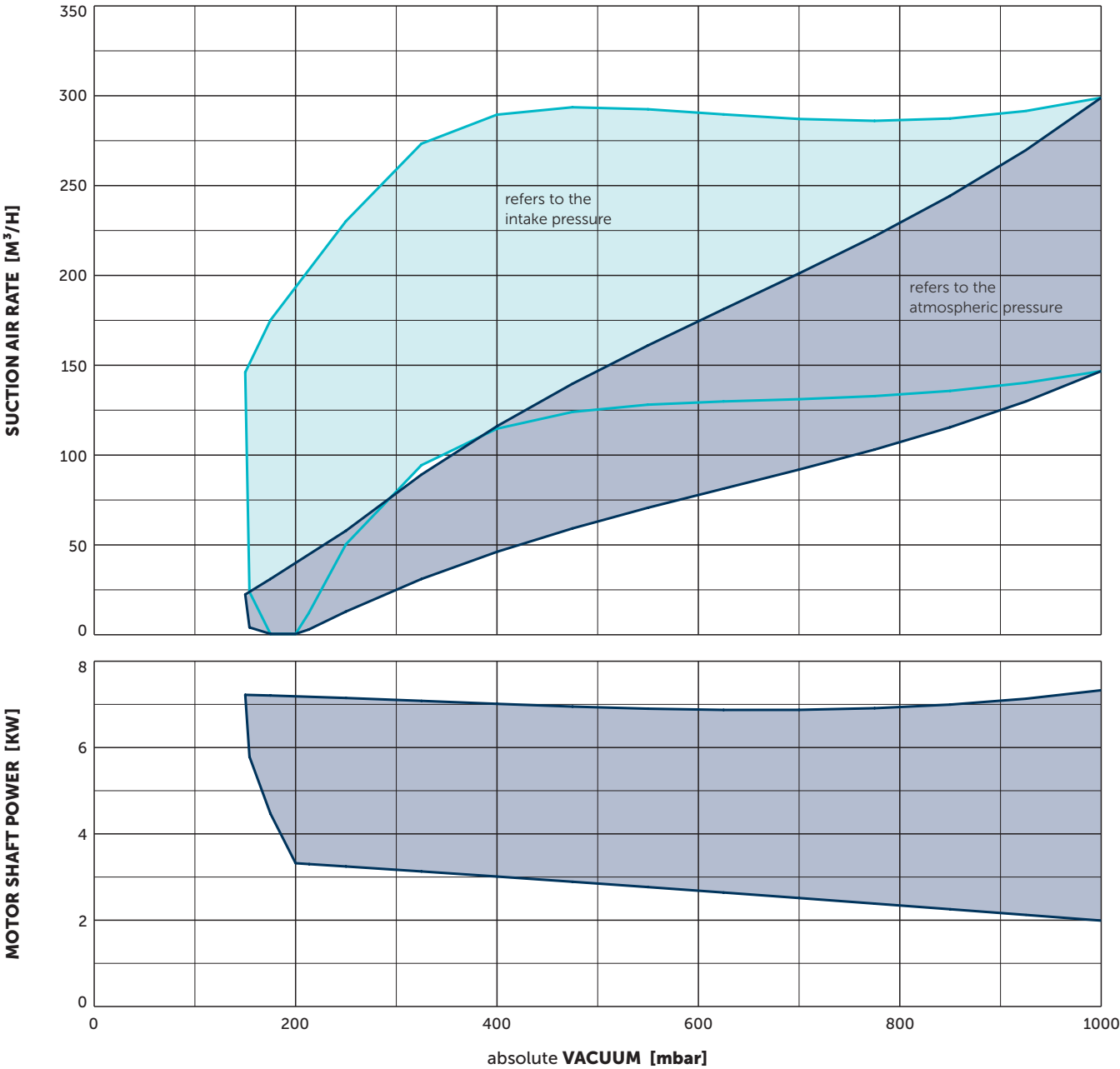
VARIAIR BCV 300
CLAW VACUUM PUMPS

dry and contact free compression
with VARIAIR frequency inverter

VARIAIR
UNIT



Nominal capacity	max. 325 m ³ /h
Absolute vacuum	max. 150 mbar
Frequency	30–60 Hz



VARIAIR CONTROLLER+ SYSTEM CONTROL

VARIAIR
CONTROLLER+



- 1** The controller adapts operation precisely to the application, optimises the distribution of operating hours and thus ensures less wear and tear and maximum availability.
- 2** Individual additional functions, customised components and integration into existing networks enable flexible adaptation and simple retrofitting.
- 3** Maximum control and operational reliability are guaranteed as the system can be operated manually if required and has integrated event logging and system diagnostics.

The VARIAIR Controller+ (VC+) - the intelligent solution for centralised control and monitoring.

It can be easily and flexibly adapted to individual requirements. Several Becker vacuum pumps with frequency inverters (VARIAIR units) are thus combined into an efficient, user-friendly overall system.

Features

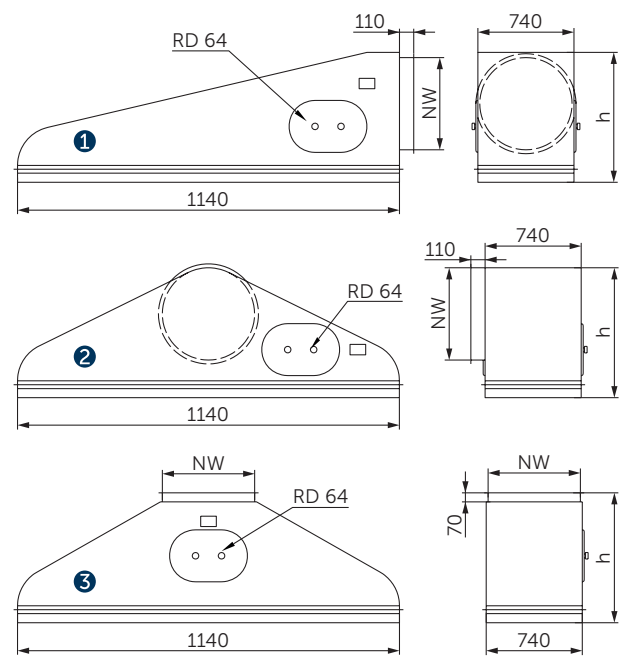
- Sensor-guided control for up to 8 pressure levels
- Touch display and intuitive operation thanks to a graphical system display
- Regionally customisable languages and units
- All components are UL/CSA listed
- Protection class according to EN60529, touch display (front) IP65
- Maintenance-free, as no hard disc, fan or battery required
- Modular standard components available worldwide and therefore flexible in terms of expandability
- Wide range of digital and analogue module variants
- Optional fieldbus and Industrial Ethernet connection



OPTIONAL EXHAUST AIR HOODS

- Volume flow of a VACS ceiling fan: approx. 2500 m³/h

Illustration/ Drawing no.		mm		Article no.
		h	NW	
1	F2/1	850	560	71830429100
2	F2/2	850	560	71830529100
3	F1/3	1000	710	71831429100
	F2/3	850	560	71830629100



- Dimensions in mm



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