DATA SHEET

VACS 0030.00X0X.NG VC+
VARIAIR CENTRAL SYSTEM

with dry-running rotary vane vacuum pumps
VARIAR KVX 3.140/0-400

MAKE IT BECKER.

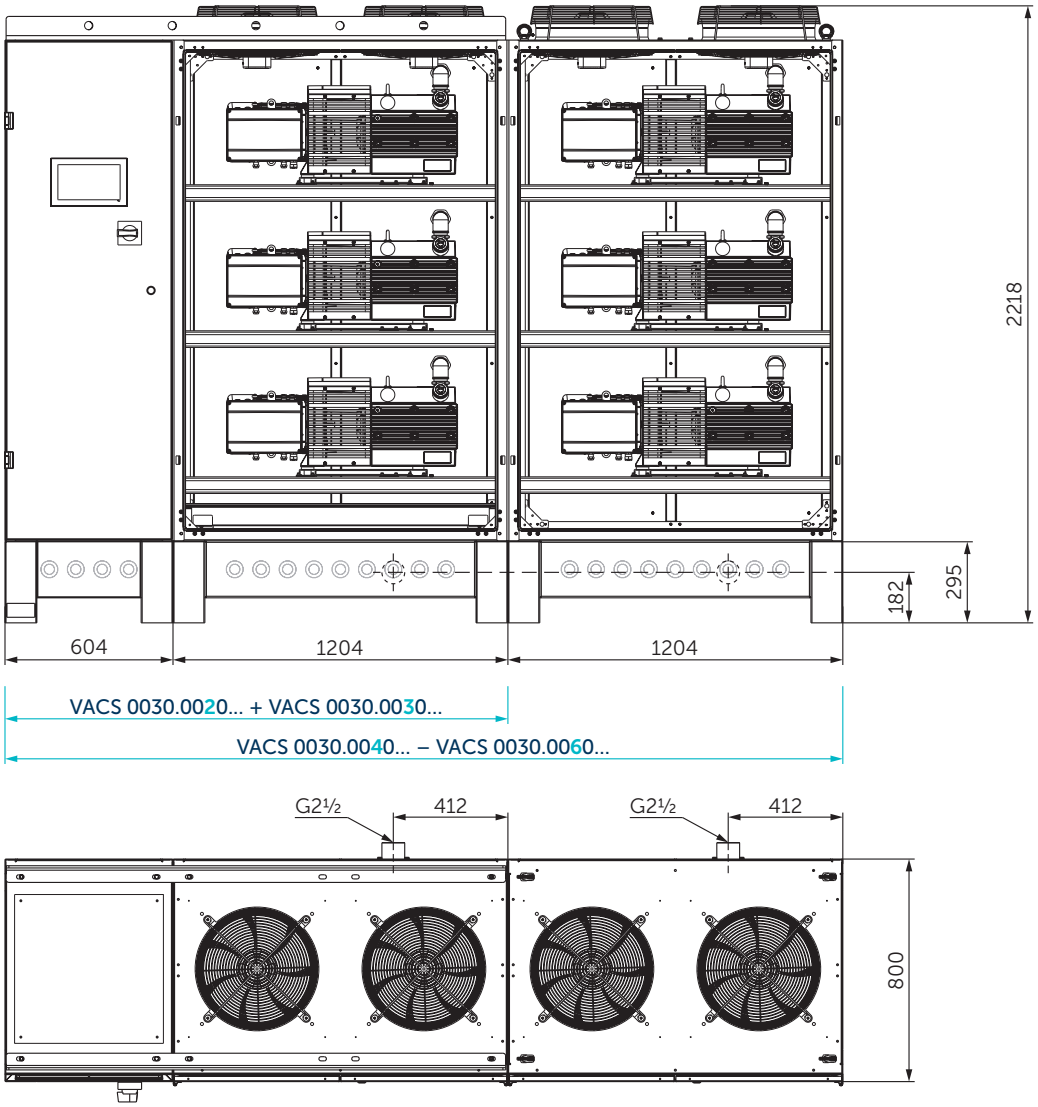


VACS 0030.0030X.NG VC+

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.

VARIAIR CENTRAL SYSTEM

BECKER



		Number of units VARIAIR KVX 3.140/0-400 vacuum pumps VACS 0030.00X0X.NG VC+				
		X = 2	3	4	5	6
Maximum suction air rate	m^3/h	308	462	616	770	924
Maximum absolute vacuum	mbar	200	200	200	200	200
Total power of vacuum pumps	kW	9.6	14.4	19.2	24.0	28.8
Voltage	V	400–480 ±10%				
Emission sound pressure level 60 Hz [1)]	dB(A)	72	72	73	73	73
Weight	kg	760	920	1280	1450	1610
Fuse protection	A	35	35	63	63	63
VACS order number		L007680	L007681			L007682

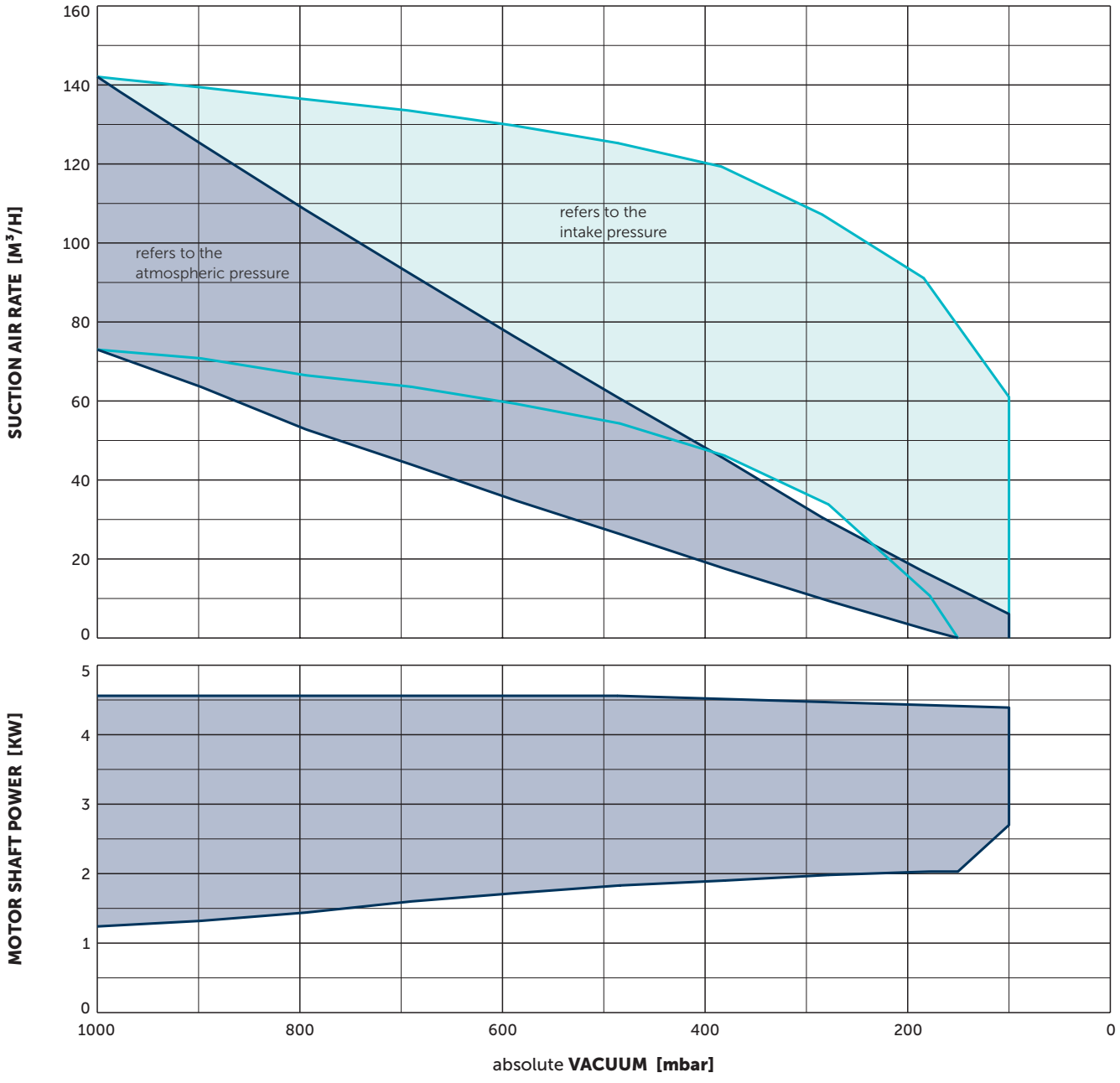
[1)] According to DIN EN ISO 11203 and DIN EN ISO 3744 (KpA = 3 dB(A))
- Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±5%
- Dimensions in mm

VARIAIR KVX 3.140/0-400
ROTARY VANE VACUUM PUMPS
oil-free
with VARIAIR frequency inverter

VARIAIR UNIT



Volume flow rate	max. 145 m^3/h
Absolute vacuum	max. 100 mbar
Frequency	30–60 Hz



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

VARIAIR CONTROLLER+
SYSTEM CONTROL



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

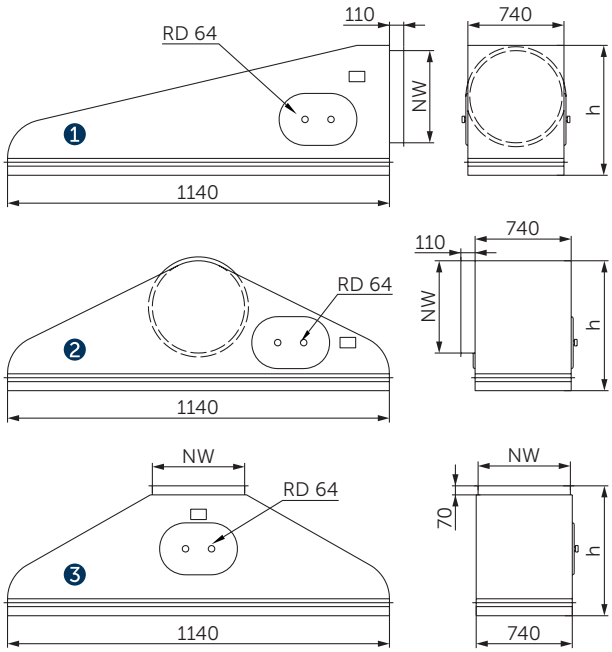
- Sensor-guided control for up to 8 pressure levels
- Touch display and intuitive operation thanks to a graphical system display
- Regionally customisable languages and units
- All components are UL/CSA listed
- Protection class according to EN60529, touch display (front) IP65
- Maintenance-free, as 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

PROFINET® EtherNet/IP Modbus TCP

OPTIONAL EXHAUST AIR HOODS

- Volume flow of a VACS ceiling fan: approx. 2500 m^3/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

Right of modification reserved 2025-05-08

MAKE IT BECKER.