DATA SHEET

VACS 0080.00X0.NG VC+
VARIAIR CENTRAL SYSTEM

with claw vacuum pumps
VARIAR BCV 300

MAKE IT BECKER.

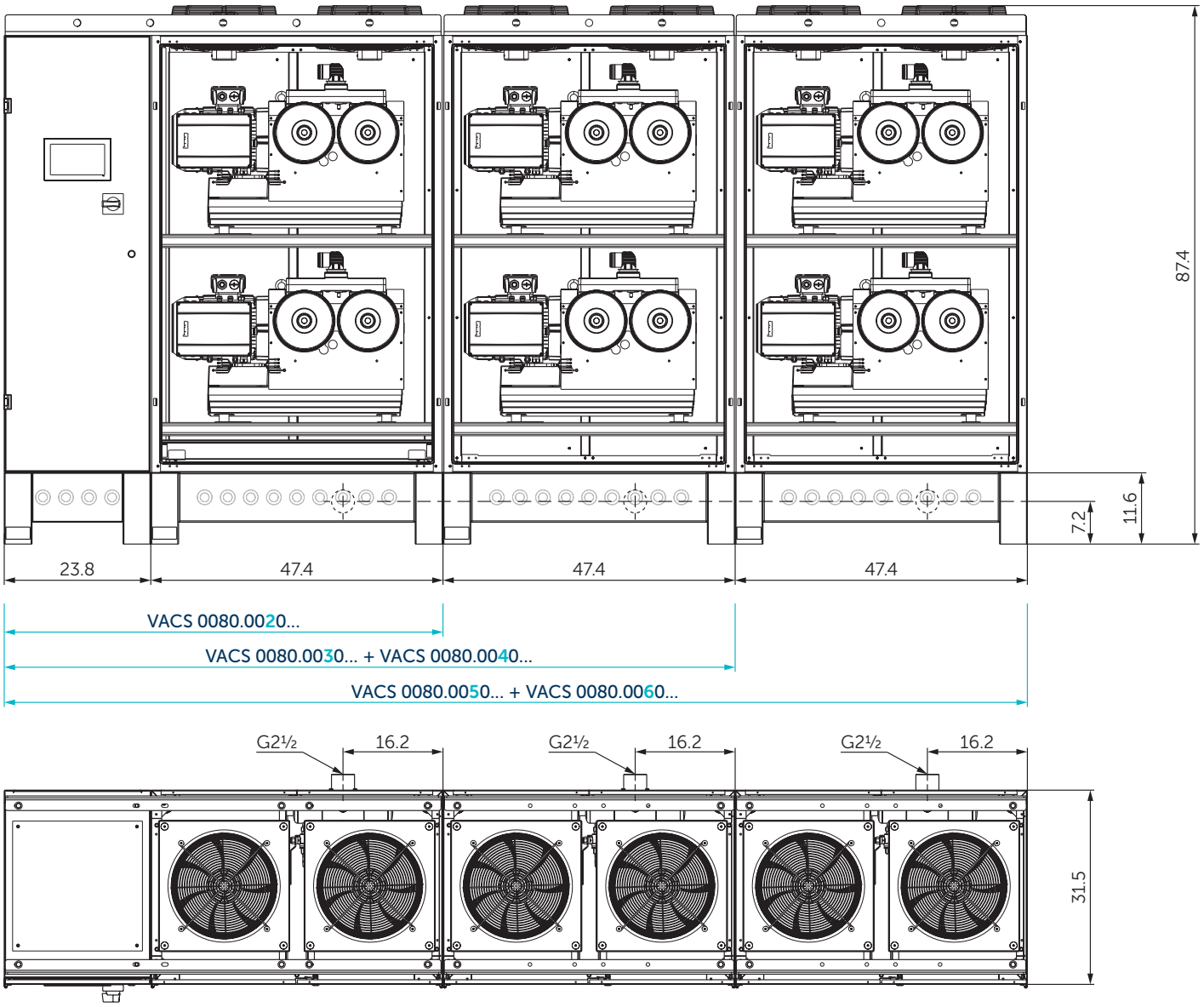


VACS 0080.0020.NG VC+

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

VARIAIR CENTRAL SYSTEM

BECKER



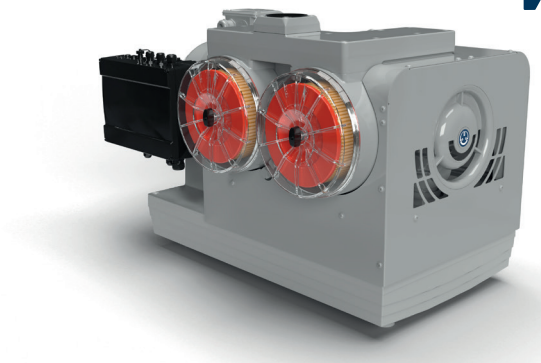
		Number of units VARIAIR BCV 300 vacuum pumps VACS 0080.00X0.NG VC+				
		X = 2	3	4	5	6
Maximum suction air rate	CFM	382.3	573.4	764.6	955.7	1146.9
Maximum absolute vacuum	Torr	150	150	150	150	150
Total power of vacuum pumps	hp	19.3	29.0	38.6	48.3	57.9
Voltage	V	400–480 ±10%				
Emission sound pressure level 60 Hz [1)]	dB(A)	76	78	79	80	80
Weight	lbs	2646.0	3947.0	4630.5	5953.5	6637.1
Fuse protection	A	63	63	100	100	100
VACS order number		L007692	L007694	L007695	L007696	L007697
VACS order number incl. various UL-listed components						

[1)] According to DIN EN ISO 11203 and DIN EN ISO 3744 (KpA = 3 dB(A))

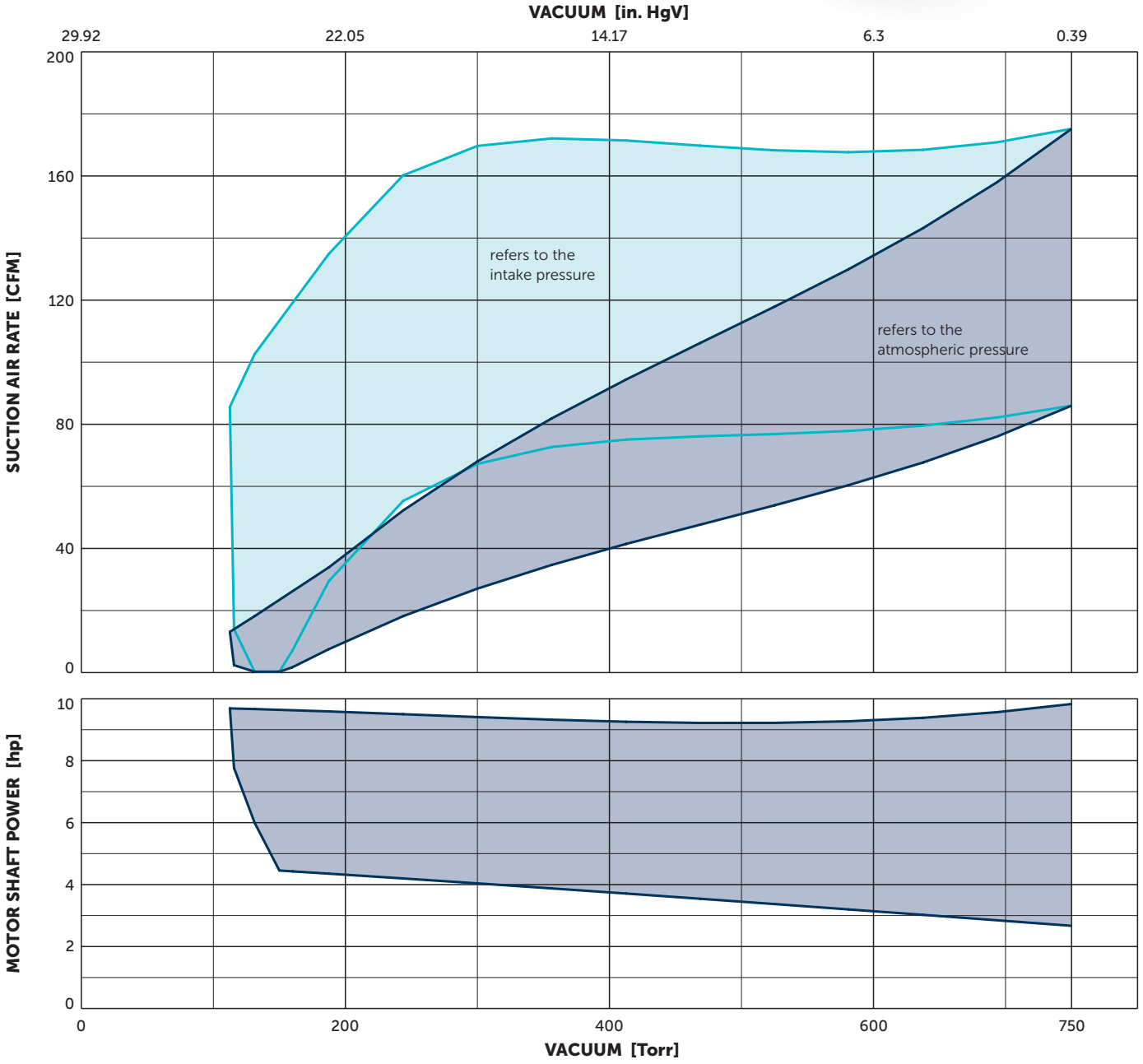
- Reference data (atmosphere): 750 Torr, 68°F, measurements with integrated filter; Tolerance: ±10%
- Dimensions in inch

VARIAIR BCV 300
CLAW VACUUM PUMPS
dry and contact free compression
with VARIAIR frequency inverter

Volume flow rate	max. 191.1 CFM
Absolute vacuum	max. 112.5 Torr
Frequency	30–60 Hz



VARIAIR UNIT



Reference data (atmosphere): 750 Torr, 68°F, measurements with integrated filter; Tolerance: ±10%

VARIAIR CONTROLLER+
SYSTEM CONTROL



1. The controller precisely adapts operation to the application, optimizes operating hour distribution, and ensures minimal wear and tear with maximum availability.
2. Customizable additional functions, tailored components, and seamless integration into existing networks enable flexible adaptation and easy retrofitting.
3. Maximum control and operational reliability are ensured, as the system can be manually operated if needed and features integrated event logging and system diagnostics.

The VARIAIR Controller+ (VC+) - the intelligent solution for centralized control and monitoring.
It can be easily and flexibly adapted to individual requirements. Multiple Becker vacuum pumps with frequency inverters (VARIAIR units) are 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 customizable 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 connectivity

PROFINET® EtherNet/IP Modbus TCP

OPTIONAL EXHAUST AIR HOODS

- Volume flow of a VACS ceiling fan: approx. 1470 CFM

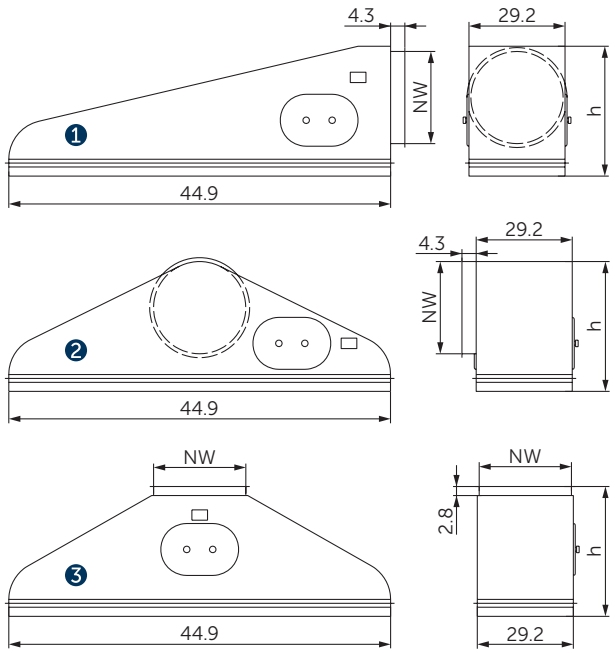


Illustration	Drawing No.	Article No.
1	F3/1	71830729100
2	F3/2	71830829100
3	F3/3	71830929100

- Dimensions in inch

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