

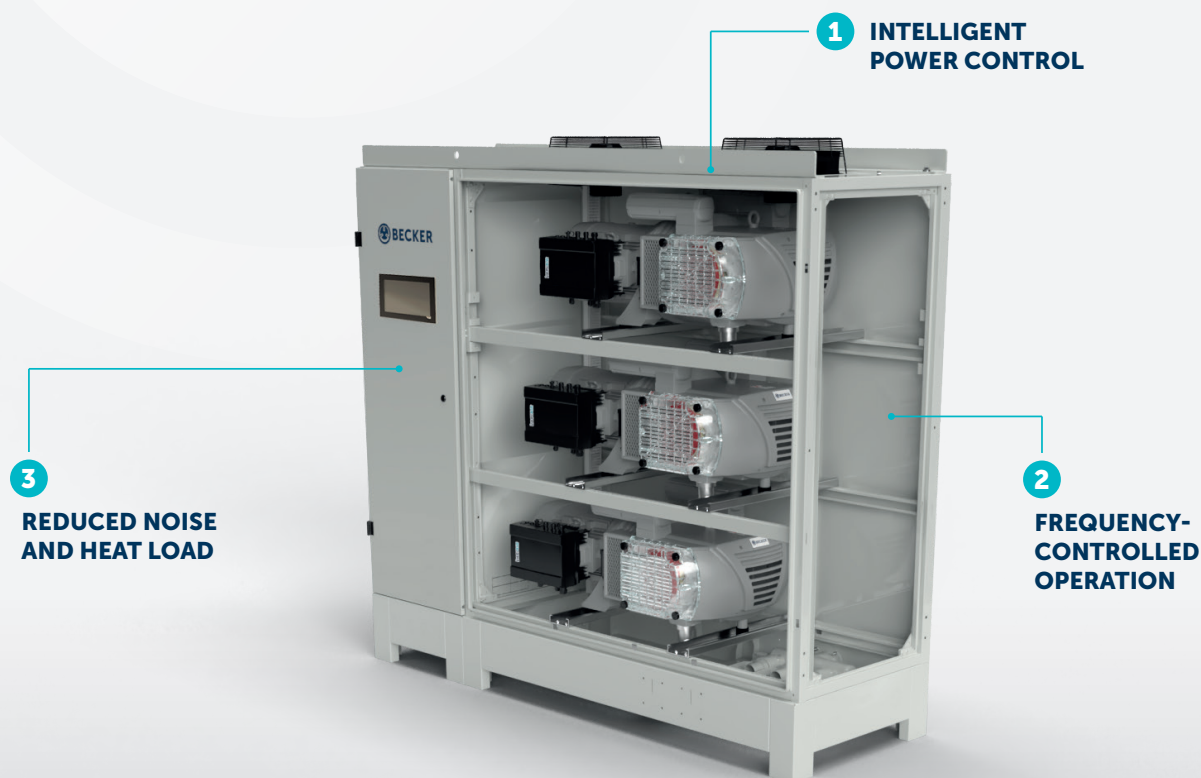
DATA SHEET

VACS 0040.00X0X.NG VC+ VARIAIR CENTRAL SYSTEM

with dry-running rotary vane vacuum pumps

VARIAR VXLf 2.250/0-400

MAKE IT BECKER.

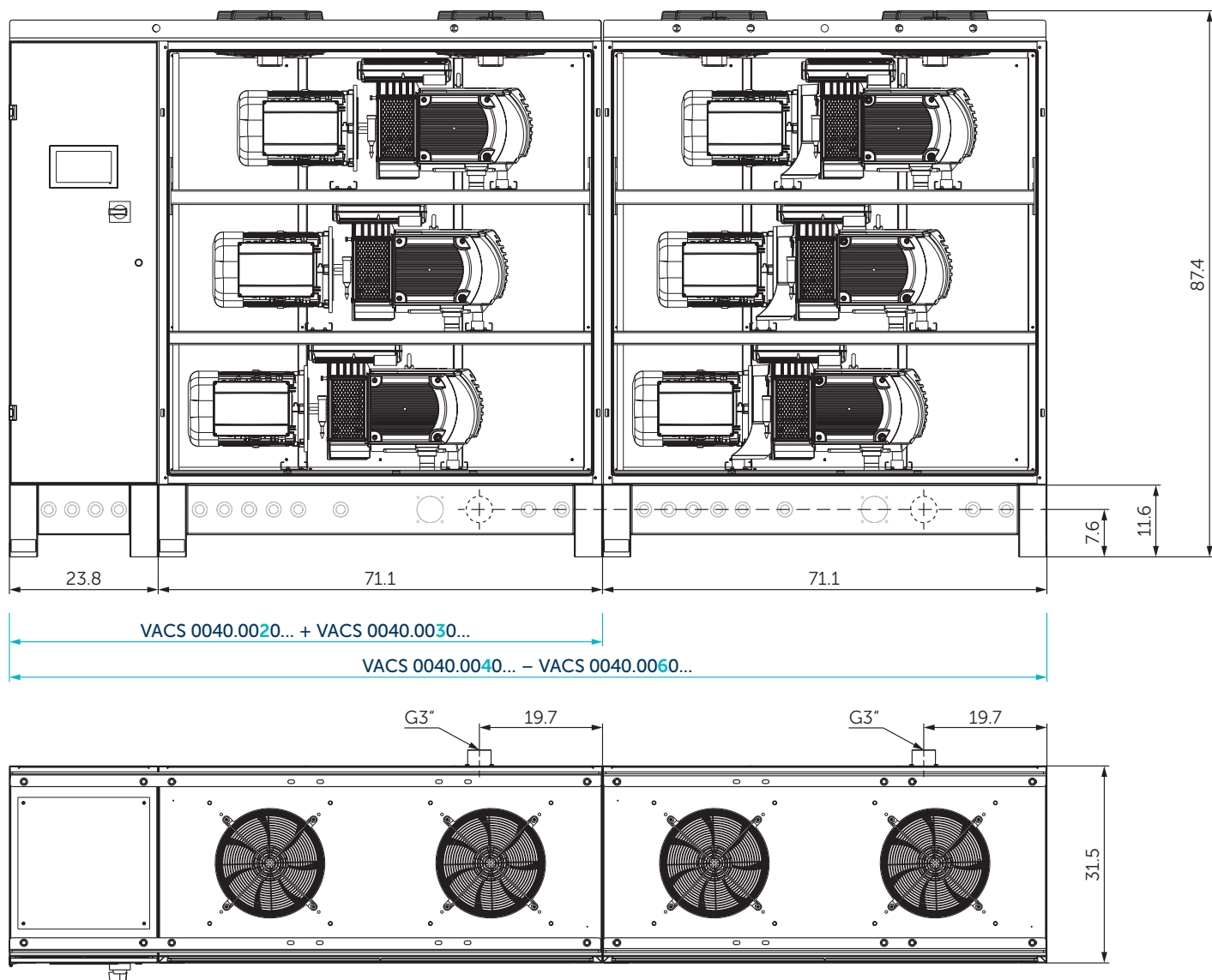


VACS 0040.0030X.NG VC+

- 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





		Number of units VARIAIR VXLF 2.250/0-400 vacuum pumps VACS 0040.00X0X.NG VC+				
		X = 2	3	4	5	6
Maximum suction air rate	CFM	336.4	504.6	672.8	841.0	1009.2
Maximum absolute vacuum	in. HgV	22.15	22.15	22.15	22.15	22.15
Total power of vacuum pumps	hp	17.7	26.6	35.4	44.3	53.1
Voltage	V	400–480 $\pm 10\%$				
Emission sound pressure level 60 Hz ¹⁾	dB(A)	72	74	74	75	75
Weight	lbs	2513.7	3042.9	4365.9	4895.1	5446.4
Fuse protection	A	63	63	100	100	100
VACS order number		L007686	L007687			L007688
VACS order number incl. various UL-listed components		L007689	L007690			L007691

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

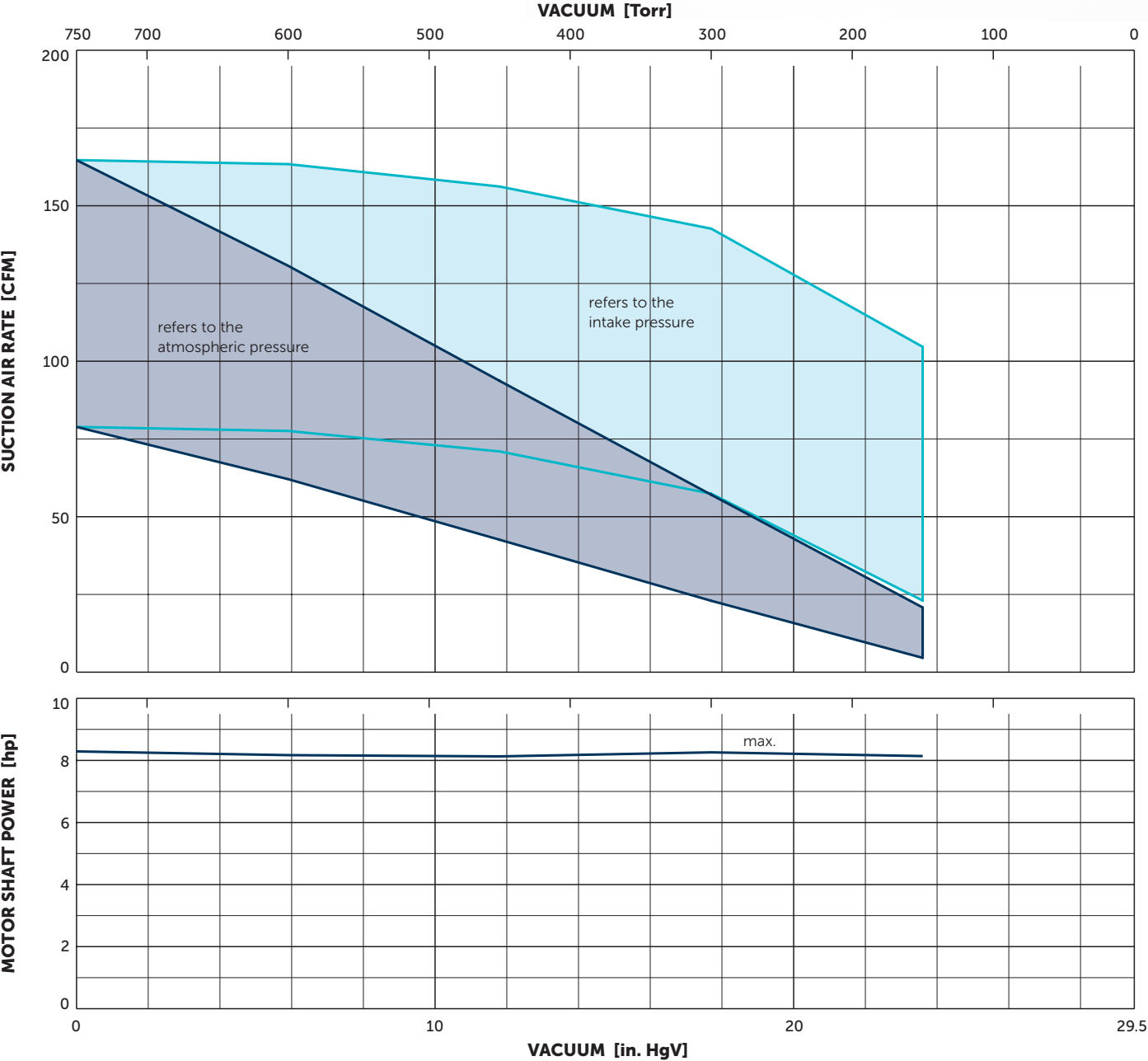
- Reference data (atmosphere): 750 Torr, 68°F; Tolerance: $\pm 5\%$
- Dimensions in inch

VARIAIR VXLF 2.250/0-400
ROTARY VANE VACUUM PUMPS
oil-free
with VARIAIR frequency inverter

VARIAIR
UNIT



Volume flow rate	max. 164.7 CFM
Absolute vacuum	max. 23.6 in. HgV
Frequency	30–60 Hz



Reference data (atmosphere): 750 Torr, 68°F; Tolerance: ±5%

VARIAIR CONTROLLER+ SYSTEM CONTROL

VARIAIR
CONTROLLER+



- 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

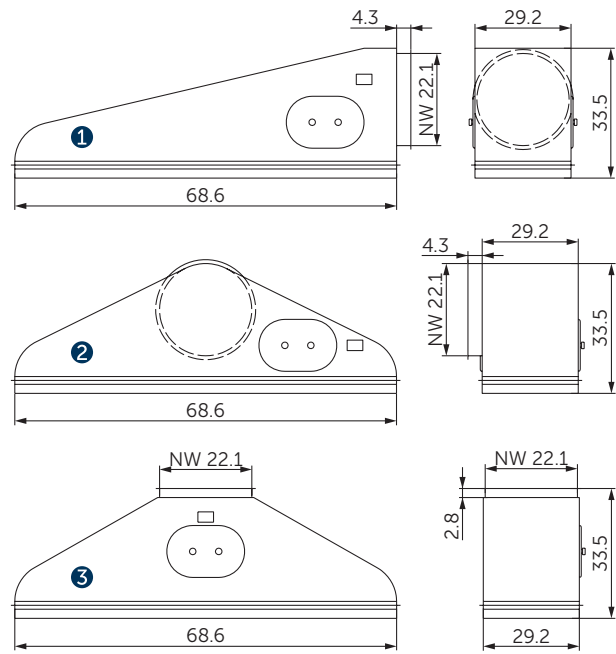
- Sensor-guided control for up to 8 pressure levels
- Touch display and intuitive operation thanks to a graphical system display
- Regionally customizable languages and units
- All components are UL/CSA listed
- Protection class according to EN60529, touch display (front) IP65
- Maintenance-free, as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



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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