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Vacuubrand MD-4CNT+AK+ Technical Specifications Synchro+EK

		MD 4C NT +AK SYNCHRO+EK
Number of heads / stages		4 / 3
Max. pumping speed at 50/60 Hz	m3/h	3.4 / 3.8
Max. pumping speed at 50/60 Hz	cfm	2.0 / 2.2
Ultimate vacuum (abs.)	mbar/torr	1.5 / 1.1
Ultim. vac. (abs.) with gas ballast	mbar/torr	3 / 2.2
Ambient temperature range (operation)	°C	10 - 40
Ambient temperature range (storage)	°C	-10 - 60
Max. back pressure (abs.)	bar	1.1
Inlet connection		2 x hose nozzle DN 8-10 mm
Outlet connection		Hose nozzle DN 8-10 mm
Coolant connection		2 x hose nozzle DN 6-8 mm
Rated motor power	kW	0.25
Rated motor speed at 50/60 Hz	min-1	1500/1800
Protection class		IP 40
Dimensions (L x W x H)	mm	326 x 248 x 402
Weight	kg	17.6
Noise level at 50 Hz, typ.	dBA	45
NRTL certification		Canada and the USA
ATEX conformity (only 230V)		II 3/- G IIC T3 X Internal Atm. only
Items supplied		Pumping unit completely mounted, ready for use, with manual.
Accessories		Kit analog gauge for NT SYNCHRO (20699907) Rubber vacuum tubing DN 8 mm (20686001)



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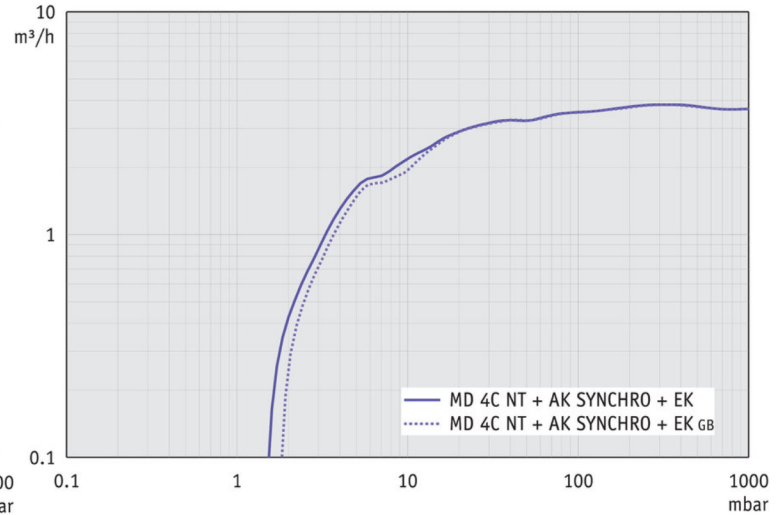
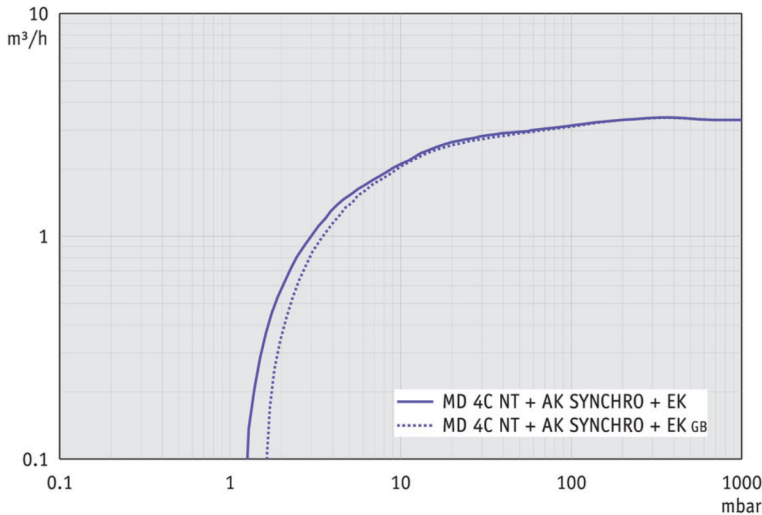
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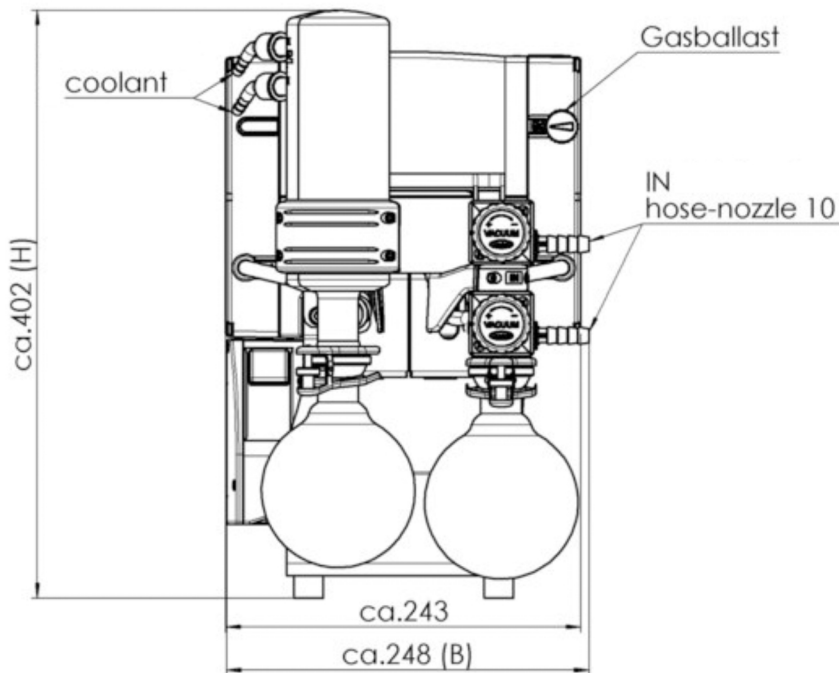
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Vacuubrand MD-4CNT+AK+ Pumping Curves 50Hz

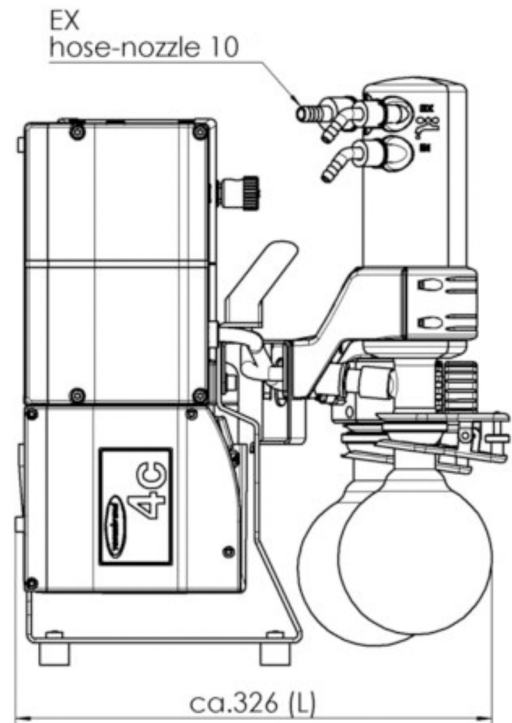
Synchro+EK 60Hz



Dimensions



all dimensions (mm)
weight: 17,6 kg



VACUUBRAND MD 4C AK-Sy+EK
Version 2016/05/11



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Vacuubrand MD-4CNT+AK+ Features & Benefits **Synchro+EK**

- chemistry vacuum system
- provides simultaneous operation of 2 processes with only 1 pump
- separator at inlet retains particles & liquid droplets
- waste vapor condenser at outlet enables solvent recovery, efficient recycling, and active protection of the environment
- outstanding chemical resistance & superior vapor tolerance
- exceptionally high performance, even at low vacuum
- excellent ultimate vacuum, even with gas ballast

Applications

- rotary evaporators • vacuum concentrators • drying chambers
- gel dryer

