



# Vacuubrand MZ-2CNT+AK+M+D

## Technical Specifications

		MZ 2C NT +AK+M+D
Vacuum controller		Manometer
Number of heads / stages		2 / 2
Max. pumping speed at 50/60 Hz	m <sup>3</sup> /h	2.0 / 2.3
Max. pumping speed at 50/60 Hz	cfm	1.2 / 1.4
Ultimate vacuum (abs.)	mbar/torr	7 / 5
Ultim. vac. (abs.) with gas ballast	mbar/torr	12 / 9
Ambient temperature range (operation)	°C	10 - 40
Ambient temperature range (storage)	°C	-10 - 60
Max. back pressure (abs.)	bar	1.1
Inlet connection		Hose nozzle DN 8-10 mm
Outlet connection		Hose nozzle DN 8-10 mm
Rated motor power	kW	0.18
Rated motor speed at 50/60 Hz	min <sup>-1</sup>	1500/1800
Protection class		IP 40
Dimensions (L x W x H)	mm	310 x 243 x 313
Weight	kg	13.4
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		Rubber vacuum tubing DN 8 mm (20686001)



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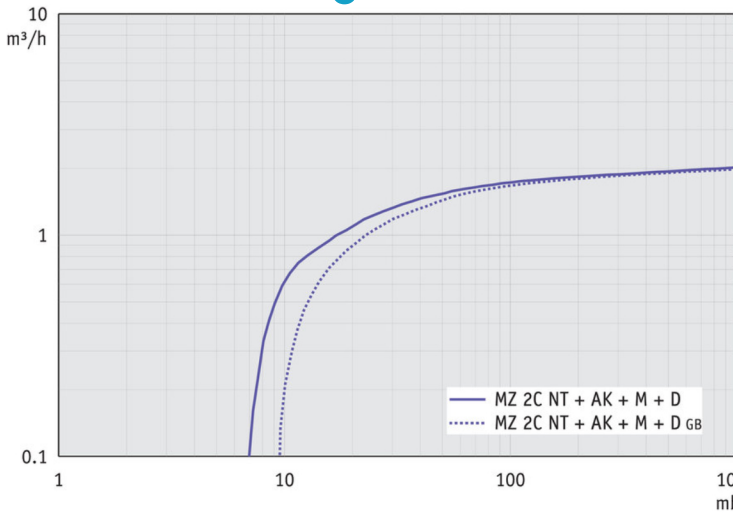
PHONE: 831-462-8900

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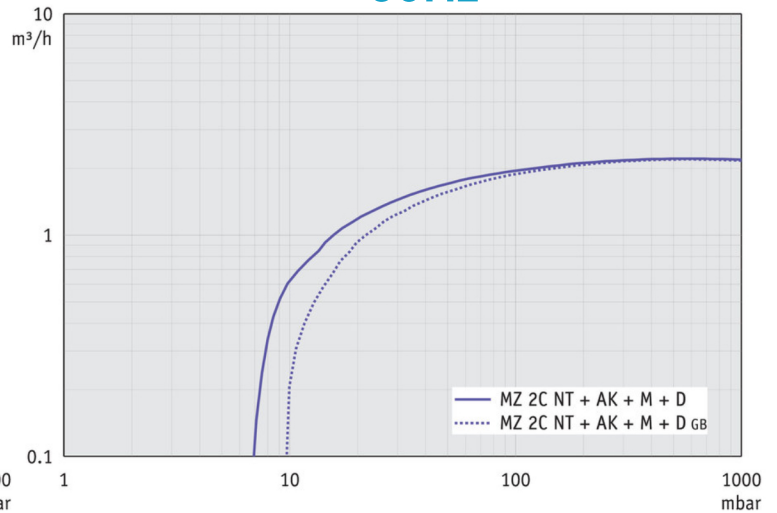
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# Vacuubrand MZ-2CNT+AK+M+D Pumping Curves

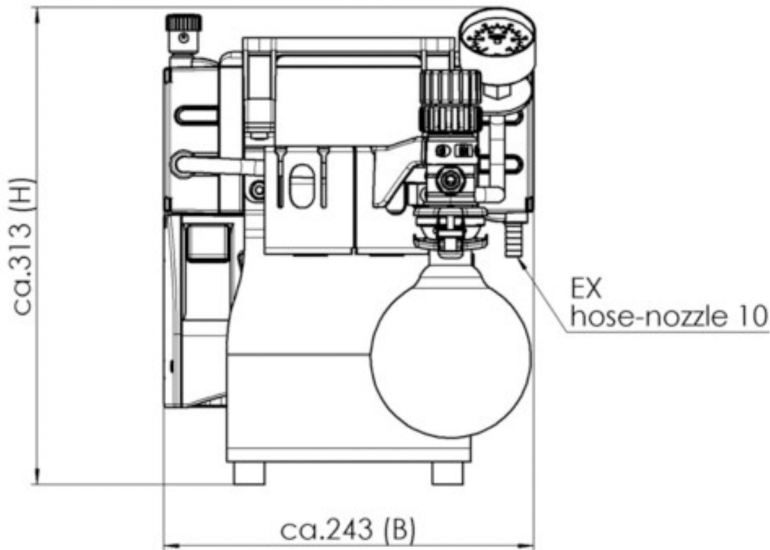
### 50Hz



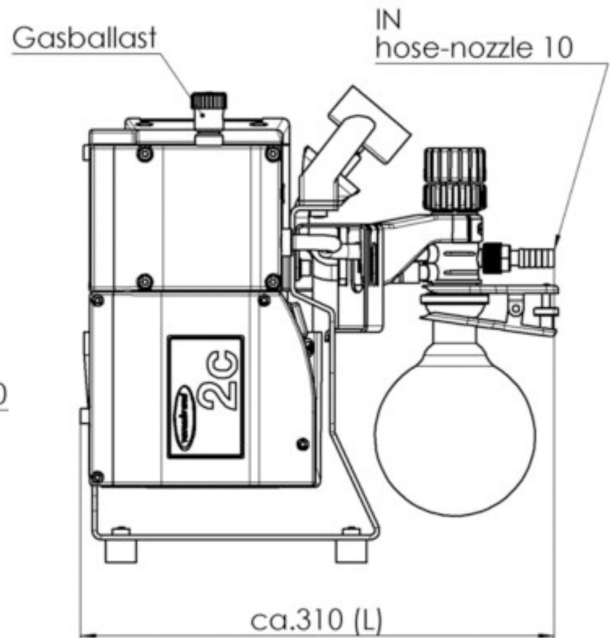
### 60Hz



## Dimensions



all dimensions (mm)  
weight: 13,4 kg



VACUUBRAND MZ 2C NT AK+M+D  
Version 2016/05/11



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## Vacuubrand MZ-2CNT+AK+M+D Features & Benefits

- manual flow control valve
- vacuum nanometer offers an analog vacuum display
- well proven for filtration
- separator at inlet retains particles & liquid droplets
- outstanding chemical resistance & vapor tolerance
- high performance, even at low vacuum levels
- whisper quiet & very low vibration

## Applications

- vacuum concentrators • drying chambers • gel dryer • filtration & solid phase extraction • gas & vapor pumping in chemical, biological & pharmaceutical labs where no condensation of solvent vapors at the outlet is required

