

Chemistry vacuum system MZ 2C NT +AK+M+D

[Link to the website](#)

Product description

This chemistry vacuum system has a wide range of applications like evacuation, evaporation and pumping of gases and vapors in chemical, biological and pharmaceutical laboratories where there are no requirements for condensation of solvent vapors at the outlet. The manual flow control valve regulates the effective pumping speed at the vacuum connection, the vacuum manometer offers an analog vacuum display. This system is well proven for filtration. The separator at the inlet (AK), made of glass with a protective coating, retains particles and liquid droplets.

Performance features

- outstanding chemical resistance and superior vapor tolerance
- high performance even at low vacuum levels
- optimized vacuum even with gas ballast for condensate purge
- whisper quiet and very low vibration
- manual vacuum control, analog vacuum display

Ordering data

Product name	Nominal mains voltage mains frequency	Plug type	Articleno.
MZ 2C NT +AK+M+D	230 V 50-60 Hz	CEE	20732700
MZ 2C NT +AK+M+D	100-115 V 50-60 Hz 120 V 60 Hz	US	20732703

Items supplied

Pumping unit completely mounted, ready for use, with manual.

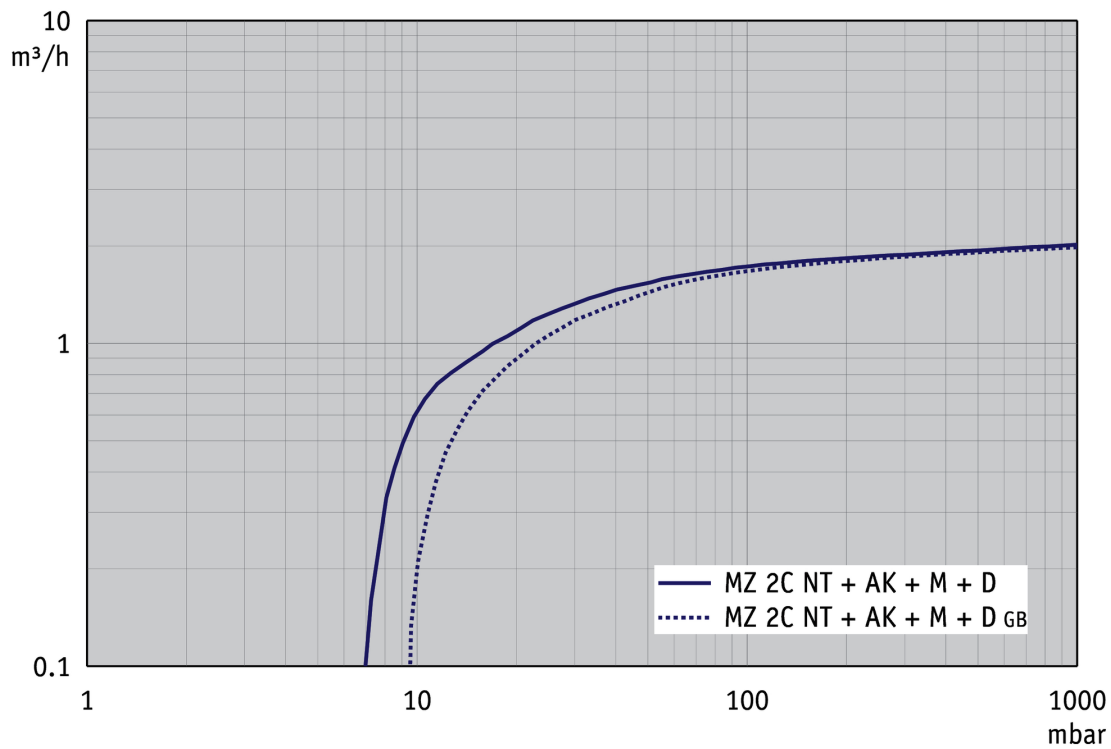
Accessories

- Silencer with hose 5cm DN 8-10mm (20636588)
- Adjustable elbow DN 10/8 mm (20637873)
- Vacuum tubing transparent DN 8 mm (20686061)
- Set of diaphragms and valves MZ 2C NT / MZ 2C NT VARIO / PC 3002 (20696869)
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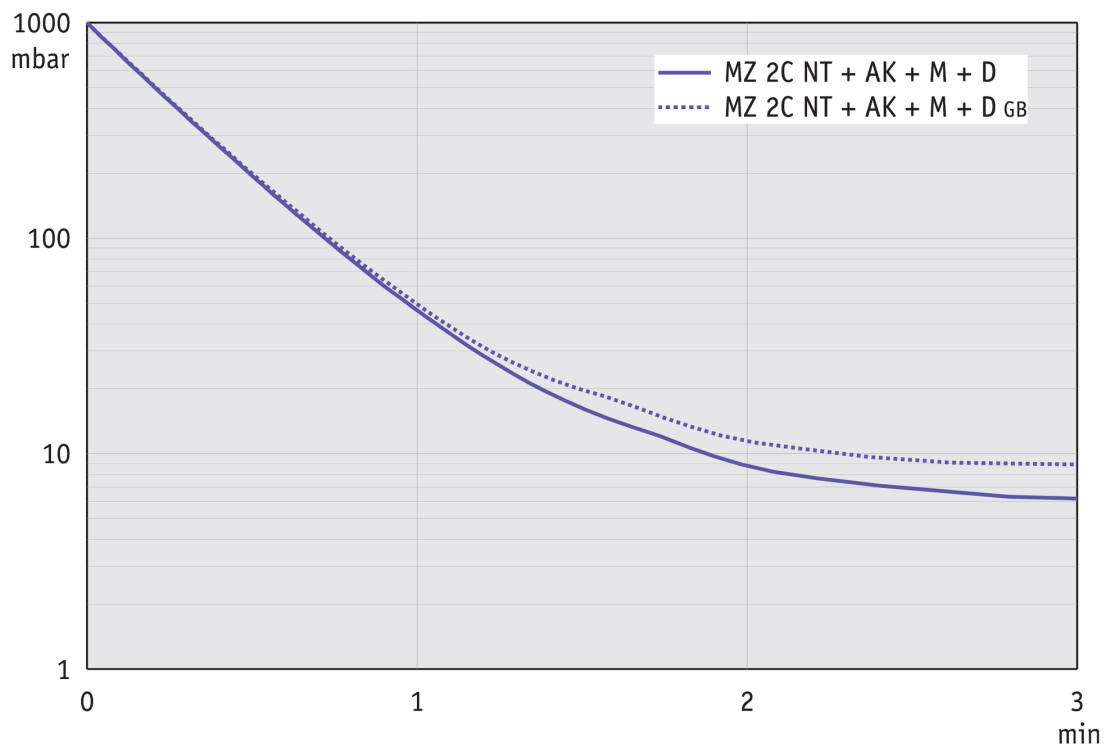
Technical data

Max. pumping speed 50 Hz (m³/h)	2 m³/h
Max. pumping speed 60 Hz (cfm)	1.4 cfm
Ultimate vacuum	7 mbar / 5 torr
Ultimate vacuum with gas ballast	12 mbar / 9 torr
Number of heads	2
Number of stages	2
Vacuum controller	Manometer
Permissible ambient temperature range (operation)	10 - 40 °C
Permissible ambient temperature range (storage)	-10 - 60 °C
Max. outlet pressure (abs.)	1.1 bar
Inlet connection	Hose nozzle DN 8-10 mm
Outlet connection	Hose nozzle DN 8-10 mm
Rated motor power	0.18 kW
Rated speed 50/60 Hz	1500/1800 min ⁻¹
Protection class IEC 60529	IP 40
Dimensions (L x W x H)	310 mm x 243 mm x 313 mm
Weight	13.4 kg
Noise (sound pressure level) in dBA at 50 Hz or 1500 rpm/62% (VARIO)/1500 rpm (VARIO-SP)/12500 Upm (VACUU·PURE®)	45 dBA
ATEX conformity	II 3/- G Ex h IIC T3 Gc X Internal Atm. only
NRTL certification	Yes

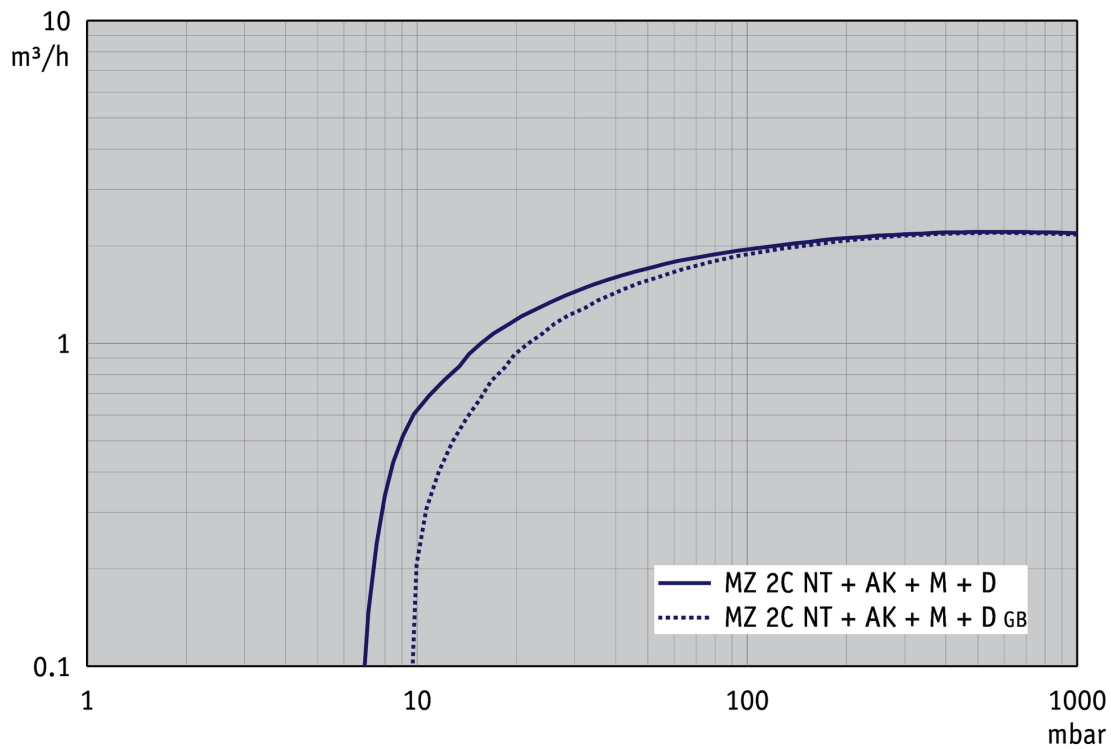
Pumping speed graph at 50 Hz



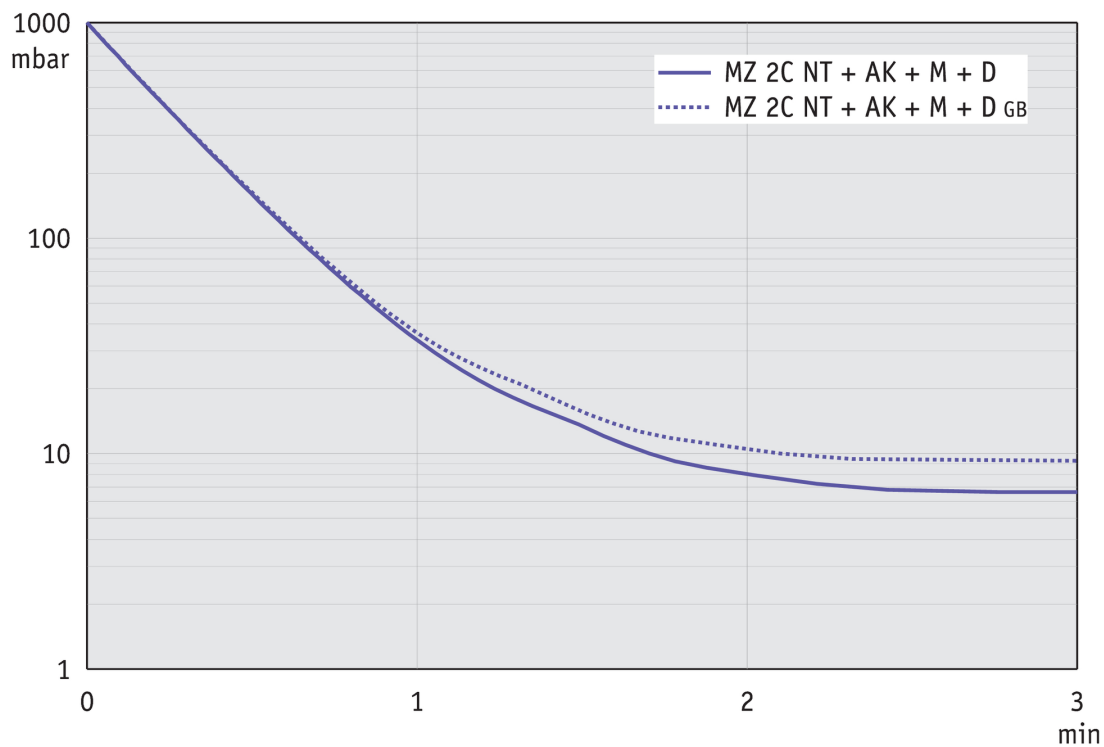
Pump down graph at 50 Hz (10 l volume)



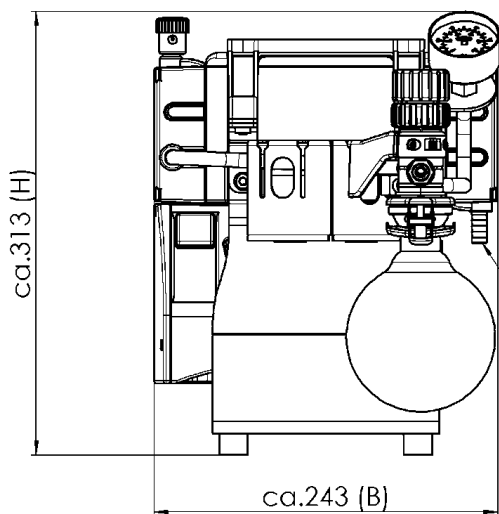
Pumping speed graph at 60 Hz



Pump down graph at 60 Hz (10 l volume)

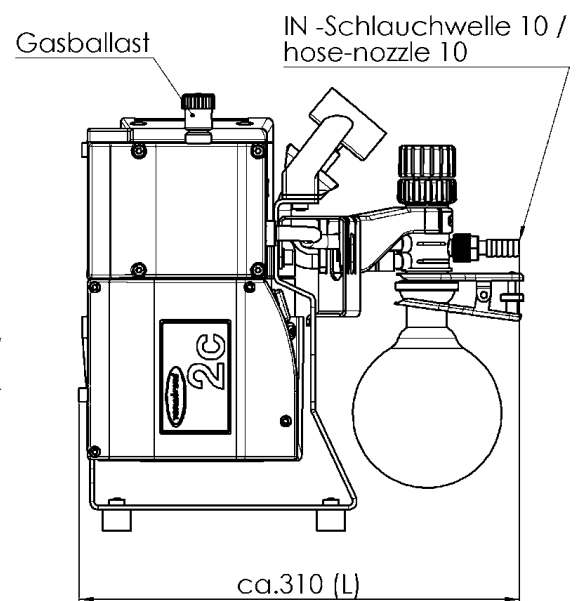


Dimension sheet



EX - Schlauchwelle 10 /
hose-nozzle 10

Alle Maße / all dimensions (mm)
Gewicht / weight: 13,4 kg



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

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