VACUUBRAND®

# 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

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https://shop.vacuubrand.com/20732703

## Ordering data

| Product name | Nominal mains voltage \| mains frequency | Plug type | Articleno. |
|---|---|---|---|
| MZ 2C NT +AK+M+D | 100-115 V \| 50-60 Hz<br>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)
- Set of diaphragms and valves MZ 2C NT / MZ 2C NT VARIO / PC 3002 (20696869)


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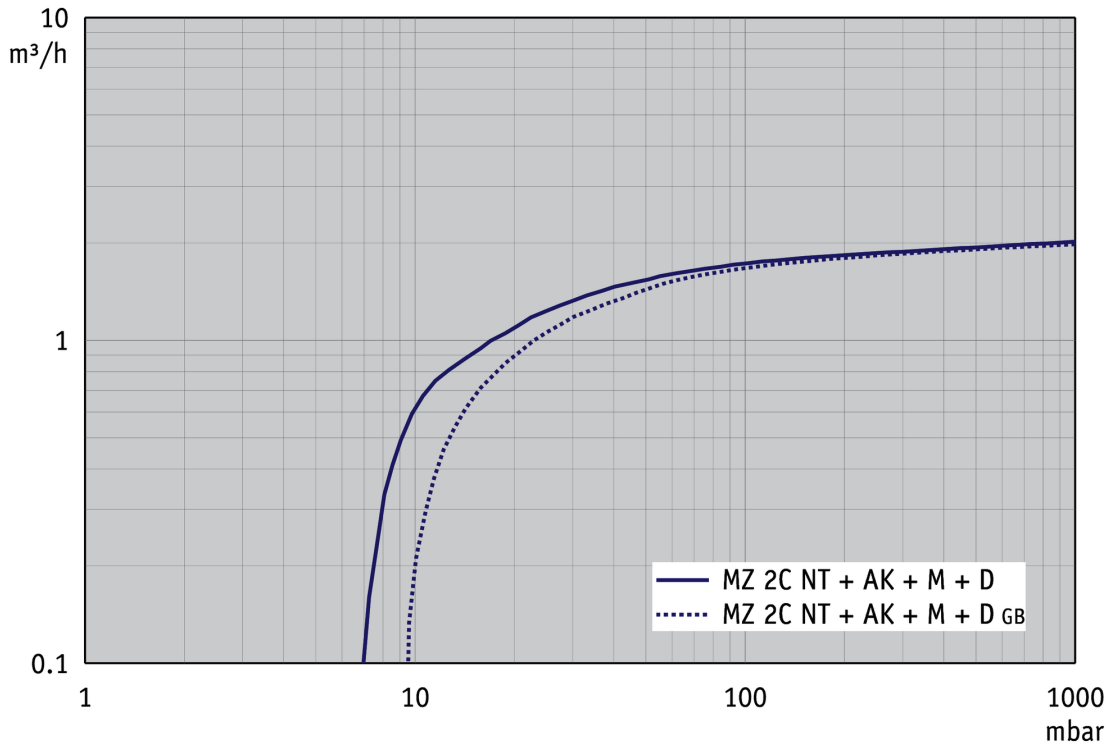
## Technical data

| | |
|---|---|
| Max. pumping speed 50 Hz ($m^3/h$) | 2 $m^3/h$ |
| Max. pumping speed 60 Hz (cfm) | 1.4 cfm |
| Ultimate vacuum | 7 mbar / 5 torr |
| Ultimate vacumm 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 |
| NRTL certification | Yes |

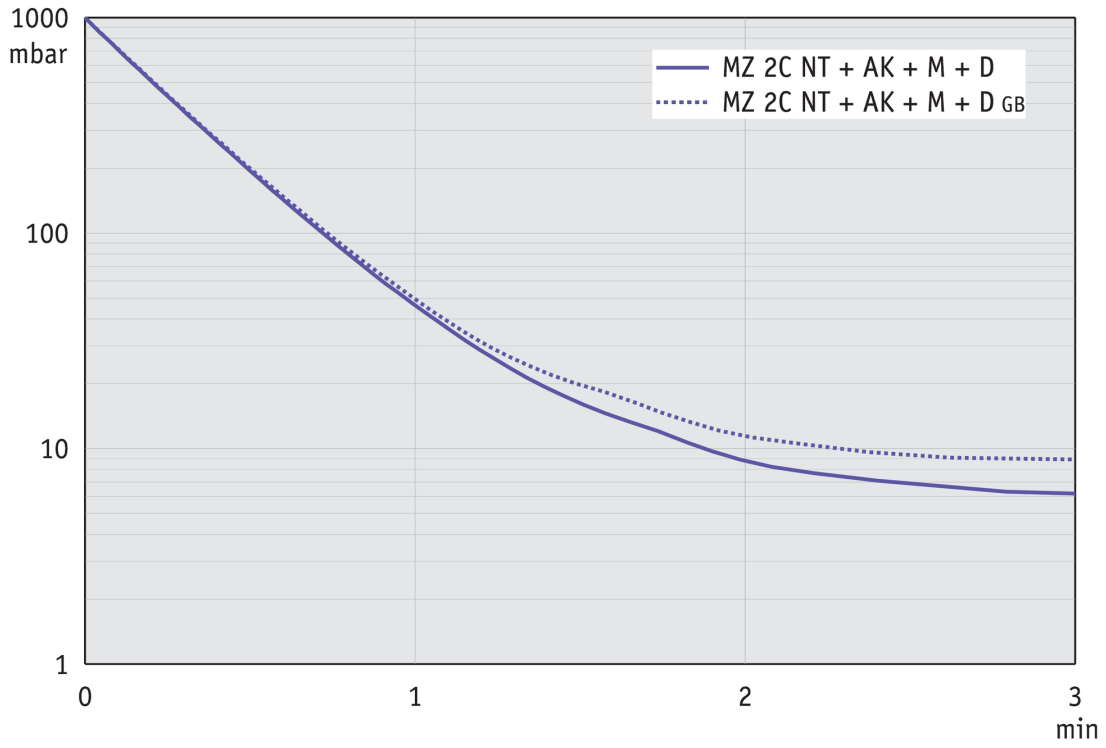
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## Pumping speed graph at 50 Hz



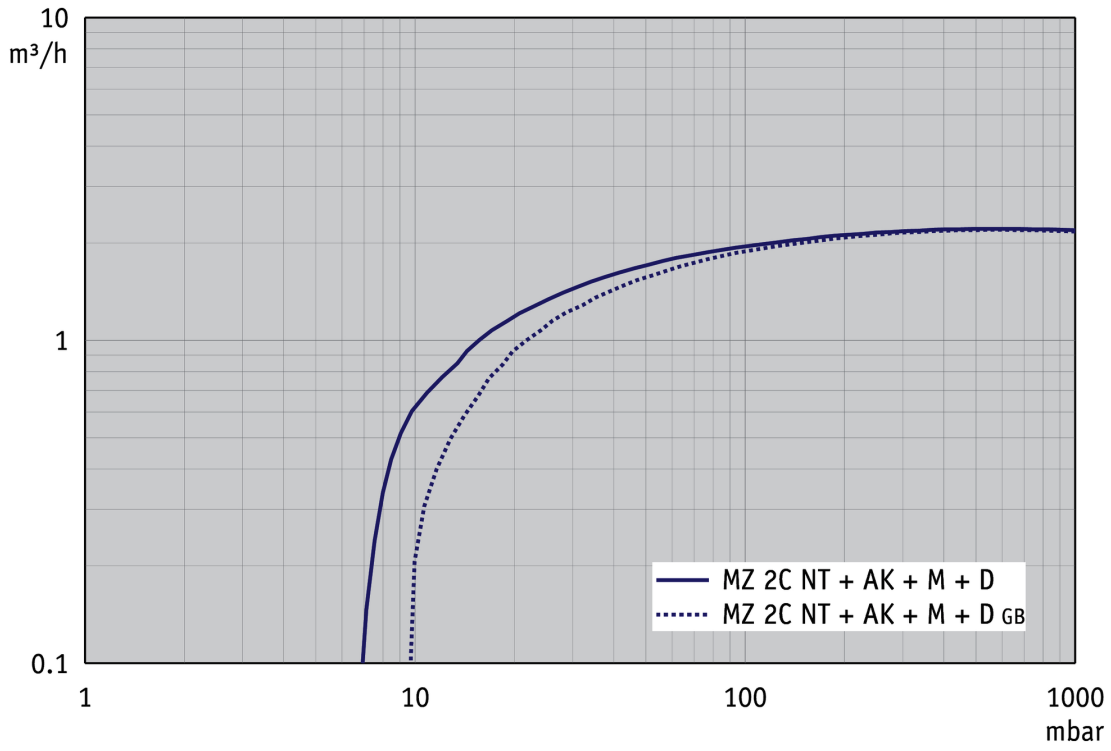

## Pump down graph at 50 Hz (10 l volume)



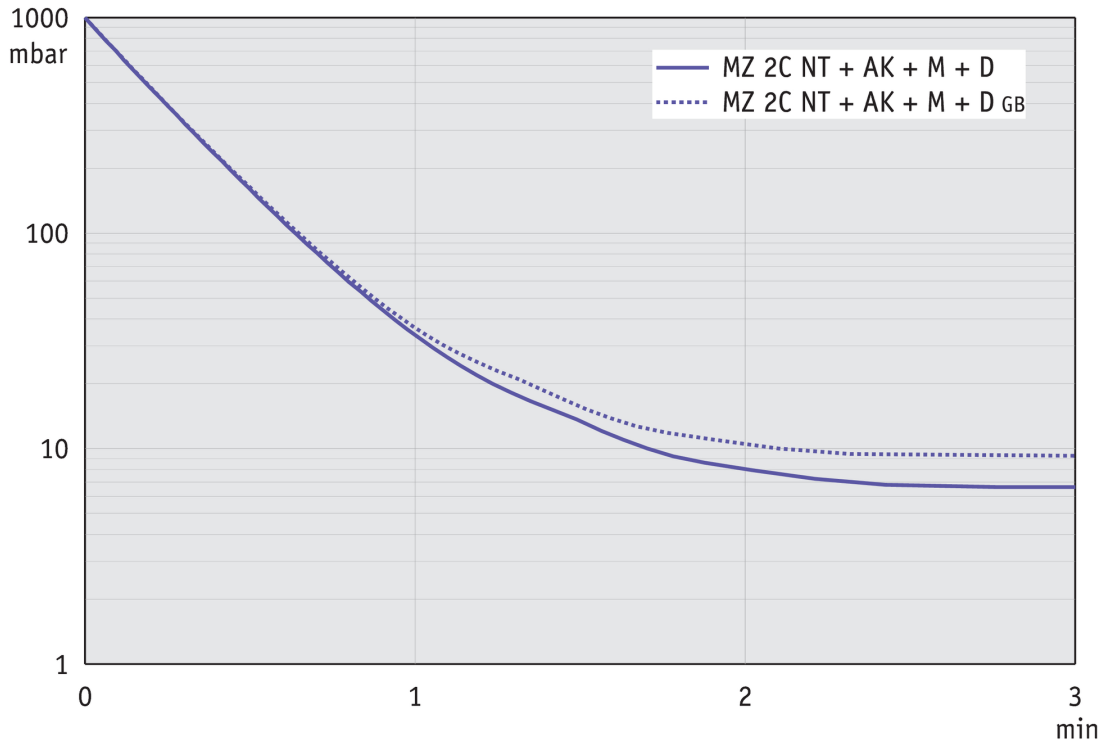

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## Pumping speed graph at 60 Hz




## Pump down graph at 60 Hz (10 l volume)

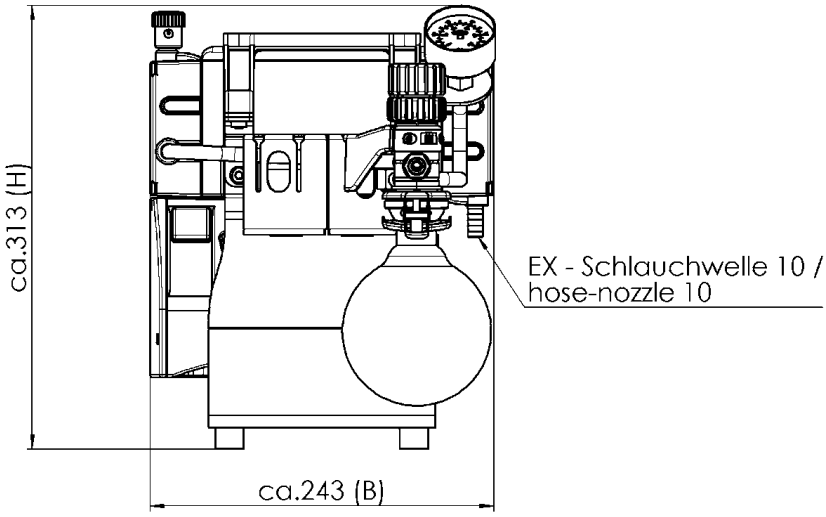



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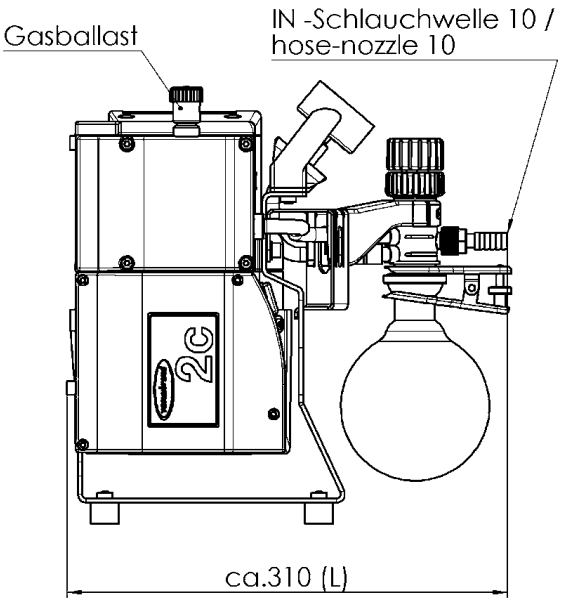
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## Dimension sheet






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




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Version 2016/05/11

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VACUUBRAND

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