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**SALES**

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# Vacuubrand MZ-1C

## Technical Specifications

|                                       |           | MZ 1C  |
|---------------------------------------|-----------|--|
| Number of heads / stages              |           | 2 / 2  |
| Max. pumping speed at 50/60 Hz        | m3/h      | 0.75 / 0.9   |
| Max. pumping speed at 50/60 Hz        | cfm       | 0.4 / 0.5  |
| Ultimate vacuum (abs.)                | mbar/torr | 12 / 9   |
| Ultim. vac. (abs.) with gas ballast   | mbar/torr | 20 / 15  |
| 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        | 0.06   |
| Rated motor speed at 50/60 Hz         | min-1     | 1500/1800  |
| Protection class                      |           | IP 40  |
| Dimensions (L x W x H)                | mm        | 312 x 121 x 170  |
| Weight                                | kg        | 6.7  |
| Noise level at 50 Hz, typ.            | dBA       | 45   |
| ATEX conformity (only 230V)           |           | II 3/- G IIC T3 X Internal Atm. only   |
| Items supplied                        |           | Pump completely mounted, ready for use, with manual.   |
| Accessories                           |           | Chemistry vacuum regulator valve unit for ME/MZ 1C (20696843)<br>Rubber vacuum tubing DN 8 mm (20686001) |



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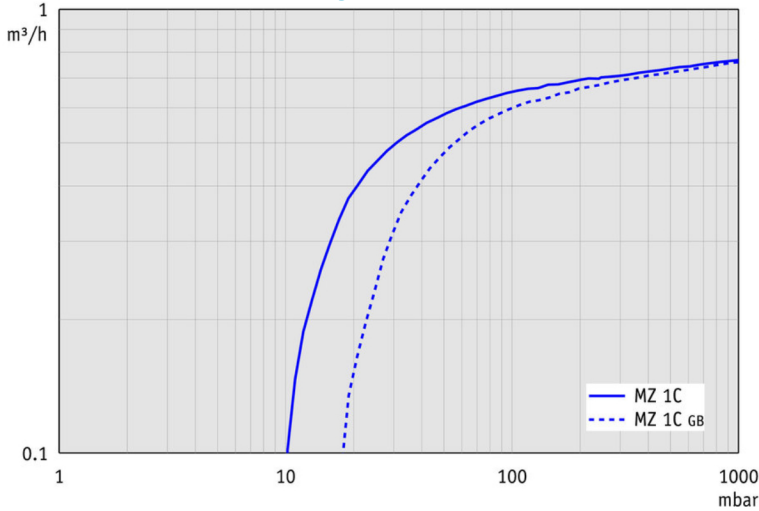
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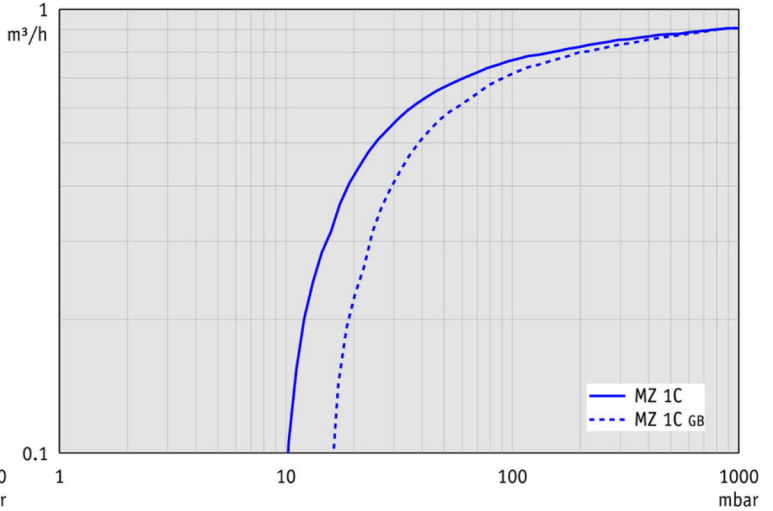
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# Vacuubrand MZ-1C Pumping Curves

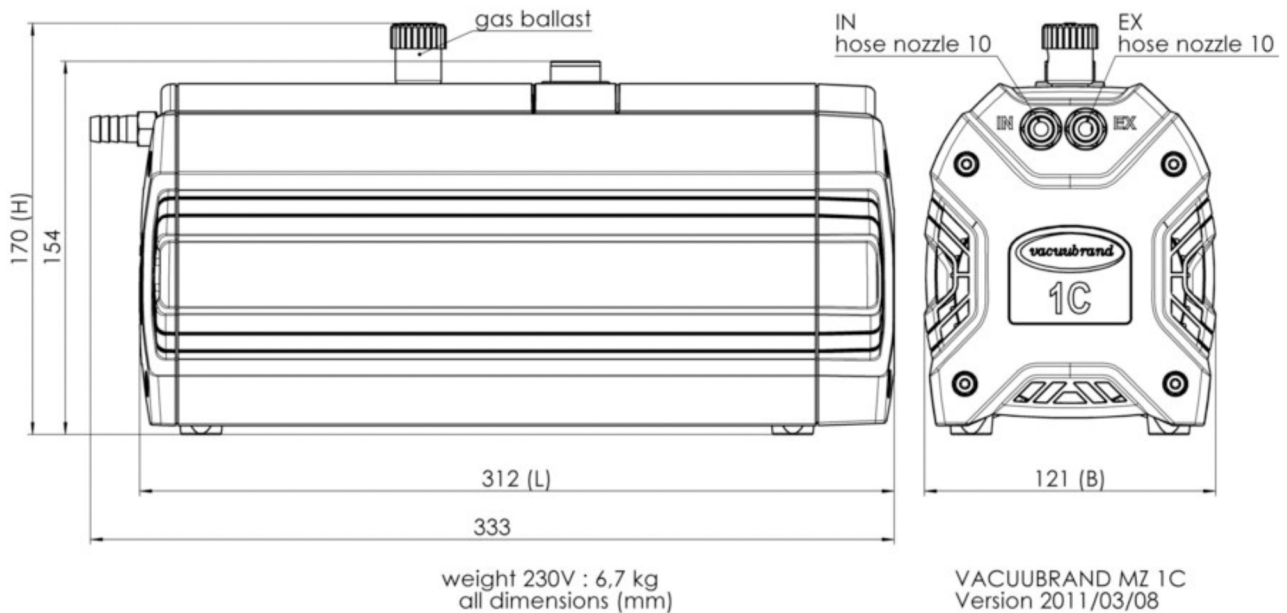
50Hz



60Hz



## Dimensions



VACUUBRAND MZ 1C  
Version 2011/03/08



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## Vacuubrand MZ-1C

### Features & Benefits

- continuous, oil-free pumping of corrosive gases & vapors
- advantageous combination of high pumping speed & low ultimate vacuum
- increased reliability & extended operating life
- equipped with gas ballast valve for continuous condensate purge
- slim design for space-saving installation
- outstanding chemical resistance & superior vapor tolerance
- easy to use top mounted power switch
- whisper quiet & very low vibration
- maintenance free drive system

### Applications

- rotary evaporator • gel dryer • filtration & solid phase extraction

