



Vacuubrand MD-4

Technical Specifications

| Type | | ME 8 | MZ 4 | MD 4 | MV 2 |
|--|-------------------|--|--------------------|--------------------|--------------------|
| Max. pumping speed 50/60 Hz (ISO 21360) | m ³ /h | 7.2/7.8 | 3.7/4.3 | 3.3/3.8 | 1.9/2.2 |
| Ultimate vacuum (absolute) | mbar | < 80 | 9 | 2 | 0,6 |
| Max. permissible outlet pressure (absolute) | bar | 2 | 2 | 1.1 | 1.1 |
| Max. pressure difference between inlet and outlet | bar | 2 | 2 | 1.1 | 1.1 |
| Permissible ambient temperature storage / operation | °C | 10 to +60 / +10 to +40 | | | |
| Permissible relative atmospheric moisture during operation (no condensation) | % | 30 to 85 | | | |
| Power | W | 200 | 200 | 200 | 200 |
| No-load speed 50/60 Hz | min ⁻¹ | 1500/1800 | 1500/1800 | 1500/1800 | 1500/1800 |
| Rated current at 100 V~ 50/60 Hz | A | - | - | 3.8/4.8 | 3.8/4.8 |
| 120 V~ 60 Hz | A | 4.2 | 4.2 | 4.2 | 4.2 |
| 200-208 V~ 50/60 Hz | A | - | - | 1.8/2.2 | 1.8/2.2 |
| 230 V~ 50/60 Hz | A | 1.7/1.9 | 1.7/1.9 | 1.7/1.9 | 1.7/1.9 |
| 100-120 V~ 50/60 Hz* | A | 4.0/4.2 | - | 4.0/4.2 | 4.0/4.2 |
| 200-230 V~ 50/60 Hz* | A | 2.0/2.1 | - | 2.0/2.1 | 2.0/2.1 |
| Maximum permissible range of supply voltage Attention: Observe specifications of rating plate | | 100 V~ +/-10% 50/60 Hz 120 V~ +5%/-10% 60 Hz 200-208 V~ +/-10% 50/60 Hz 230 V~ +/-10% 50/60 Hz 100-120 V~ +5/-10% 50/60 Hz* 200-230 V~ +/-10% 50/60 Hz* | | | |
| Motor protection | | thermal cutout | | | |
| Degree of protection IEC 529 | | IP 20 | IP 20 | IP 20 | IP 20 |
| Inlet | | hose nozzle NW 10 | | small flange NW 16 | |
| Outlet | | silencer | | | |
| Dimensions L x W x H | mm | 315 x 235 x 203 | 315 x 235 x 200 | 315 x 235 x 180 | 315 x 235 x 178 |
| Weight approx. | kg | 15.8 | 15.5 | 15.6 | 15.8 |

* Pump with dual-voltage motor (100-120/200-230 V 50/60 Hz)