

COMPACT VACUUM PUMPS

for Evaporative Applications & Solid Phase Extraction

VACUUBRAND® diaphragm vacuum pump MZ 1C

The MZ 1C chemistry-design diaphragm pumps are an excellent solution for continuous, oil-free pumping of corrosive gases and vapors typically associated with evaporative applications. The compact design and full fluoropolymer flowpath provides an ideal solution for benchtop chemistry applications. Two-stage construction provides high pumping speed and low ultimate vacuum. A proven diaphragm design delivers reliability and extraordinary long operating life (>15,000 hours). The MZ 1C pump is equipped with a gas ballast valve for continuous condensate purge, maximizing the pumping performance with condensable vapors. A manual vacuum regulator valve with dial gauge for adjustment of pumping speed and ultimate vacuum is available as an accessory.



MZ 1C

- Outstanding chemical resistance and superior vapor tolerance
- Convenient, quick and simple to use with top mounted power switch
- Optimized vacuum even with gas ballast for continuous purge
- Whisper quiet and very low vibration
- Maintenance-free drive system and proven long diaphragm life

Technical Data

	MZ 1C
Maximum pumping speed at 50-60 Hz	14 Lpm (0.5 cfm)
Ultimate vacuum (abs.)	12 mbar (9 Torr)
Inlet connection (IN)	10 mm
Outlet connection (EX)	10 mm
Dimensions (L x W x H)	312 mm x 121 mm x 170 mm
Weight	6.7 kg

Model

MZ 1C, 100-120 V, 50-60 Hz, US plug

Cat. No.

20724103

2019

List Price

\$2,012.60

Accessories

Vacuum regulation valve with manometer for MZ 1C

20696843

375.80

Product appearance, catalog numbers, prices, specifications, and technical information are subject to change without notice.



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