

# 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 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

### 2022

### List Price

\$2,1750

### Accessories

Vacuum regulation valve with manometer for MZ 1C

20696843

418.20

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



Lab Rats Trust BrandTech!

MZ1C\_Flyer\_BT\_2022

**BRANDTECH®**  
SCIENTIFIC, INC.

Toll Free: 888-522-2726  
[www.brandtech.com](http://www.brandtech.com)