

Compact Vacuum Pumps for Evaporative Applications and Solid Phase Extraction

VACUUBRAND® diaphragm vacuum pump MZ1C

The Economical Solution for Evaporative Applications



vacuubrand

VACUUBRAND®
MZ1C vacuum pump

The MZ1C 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 provide 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 (10,000 – 15,000 hours). The MZ1C pump is equipped with a gas ballast valve for continuous condensate purge increasing the pumping capability with condensable vapors. A manual vacuum regulator valve with dial gauge for adjustment of pumping speed and ultimate vacuum is available as an accessory.

Performance features

- 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

MZ1C

Maximum pumping speed at 50-60Hz	14lpm (0.5cfm)
Ultimate vacuum (abs.)	12mbar (9Torr)
Inlet connection (IN)	10mm (3/8")
Outlet connection (EX)	10mm (3/8")
Dimensions (L x W x H)	312mm x 121mm x 170mm (12.28" x 4.76" x 6.69")
Weight	6.7kg (14.8lbs)

ORDERING INFORMATION

Cat. No.

2014 List Price

MZ1C, 100-120V, 50-60Hz, US plug	724103	\$1,936.00
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ACCESSORIES

Cat. No.

2014 List Price

Vacuum regulation valve with manometer for MZ1C	696843	\$336.00
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Product appearance, catalog numbers, prices, specifications, and technical information are subject to change without notice.

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