

Highlight NEW MPC 302 Z



MPC 302 Z | 414722

Advantages

- analytically pure, oil free vacuum
- user friendly
- light weight, rugged design
- designed for permanent operation
- maintenance-free drive system and proven long diaphragm life
- minimal operation vibration
- significantly improve flow and vacuum performance in the application critical range
- superior chemical resistance
- stabilised process flow
- enhanced repeatability

Scope of Delivery

- ON/OFF switch and internal protective thermal switch for the motor, mains cable and plug
- carry handle
- vibration isolating feet
- gas ballast valve
- KF 16 inlet flange / 8mm hose nozzle

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No matter if for research and development applications or in the analysis field, the latest generation of Welch's diaphragm pumps are suitable for a wide range of laboratory applications. The new MPC 302 Z uses a patented pump head design to provide significantly improved performance, particularly in the application critical range. Optimised construction of the pump heads allows the MPC 302 Z to reach a 17% higher pumping speed in the application critical vacuum range compared

to similar products of the previous generation. Besides the pumping speed, the ultimate vacuum is improved as well to 5 mbar. These significant improvements directly influence the process flow and the repeatability. A more stable applied vacuum gives a more repeatable application and achieves more reliable results. The effectiveness and quality of chemical applications, especially distillation processes are improved.

Accessories for MPC 302 Z

Accessoires	CAT.No.
Digital Vacuum Control Box VCB 521 cv, 1100 - 1 mbar, 90-260V, 50/60Hz with Schuko, UK and US plug leads	600053
Vacuum Regulator with Dial Gauge for MP/MPC 301 Z, 601 E, 601 T, 901 Z, 1201 E	700458
Vacuum Hose, Rubber red, 18/8x5, meter	828310-4

Technical Data

More Information

Article Number	414722
Number of heads / stages	2/2
Max. pumping speed at 50 Hz in m³/h (l/min)	2.6 (43.3)
Max pumping speed at 60 Hz in m³/h (l/min)	3.1 (51.7)
Max. pumping speed at 60 Hz in cfm (l/min)	1.8 (51.7)
Ultimate pressure in mbar (Torr)	< 5
Wired for	230V, 50/60Hz
Intake connection	DN 16 KF with optional Hose nozzle DN 8
Exhaust connection	Hose nozzle DN 8
Sound level (dB)	< 44
Dimensions (W/D/H) in mm	233/260/171
Weight kg (lbs)	11.2 (24.7)