



MPC - Series Chemical Duty Diaphragm Pumps

- Oil-Free Applications
- Superior Chemical Resistance
- Long-Life Diaphragm Technology



Designed for chemical lab applications

High Quality Chemical Duty Diaphragm Pump

MPC Series diaphragm pumps have been developed specifically to meet the requirement for oil-free, chemically resistant vacuum generation in applications which include aggressive solvent and acid vapours. The use of PTFE and other fluorinated plastics for all parts which contact the aggressive solvents, combined with low weight and excellent ergonomics, make MPC pumps the first choice for most laboratory applications. Ultimate vacuum from 75 to 1 mbar and peak flow rates up to 138 l/min offers the broadest range of configuration options available today. Our proven diaphragm technology offers double benefit to the user – outstanding diaphragm life and market leading cost of ownership.

Superior technology features extend product lifetime

All products in the MPC Series convince with their high flexibility and exceptional operating life in the fields of vacuum drying, rotary evaporation or as single vacuum sources for standard lab applications. All models are also available as Ecoflex (ef) versions which offer continuous adjustment of the pumping speed to match the vapour load produced by the process.

Applications:

- Vacuum Filtration
- Rotary Evaporation
- Vacuum Oven
- Degassing and Desiccation
- Vacuum Distillation
- Vacuum Drying
- Air / Gas Sampling

Certification: CE Marked



Technical Features/Ordering Information :

| Model | Pumping Speed l/min | Ultimate Pressure mbar | Tubing Needed mm | Dimensions W/D/H mm | Weight kg | CAT. No. |
|----------------------------|---------------------|------------------------|------------------|---------------------|-----------|----------|
| MPC 101 Z 230V, 50/60Hz | 16,7 | 8 | DN 8 | 195/235/145 | 9.0 | 412522 |
| MPC 201 T 230V, 50/60Hz | 33 | 2 | DN 8 | 200/260/155 | 13.0 | 412543 |
| MPC 301 E 230V, 50/60Hz | 38 | 75 | DN 8 | 260/162/252 | 12.0 | 412711 |
| MPC 301 Z 230V, 50/60Hz | 38 | 8 | DN 8 | 230/265/169 | 14.0 | 412722 |
| MPC 301 Z ef 230V, 50/60Hz | 43 | 8 | DN 8 | 260/310/190 | 18.0 | 412922 |
| MPC 301 V 230V, 50/60Hz | 38 | 1 | DN 8 | 230/380/169 | 14.0 | 4001022 |
| MPC 601 E 230V, 50/60Hz | 63 | 75 | DN 8 | 230/265/169 | 14.0 | 412721 |
| MPC 601 T 230V, 50/60Hz | 75 | 2 | DN 8 | 230/380/169 | 22.0 | 412743 |
| MPC 601 T ef 230V, 50/60Hz | 81 | 2 | DN 8 | 260/420/190 | 29.0 | 412943 |
| MPC 901 Z 230V, 50/60Hz | 113 | 8 | DN 8 | 230/380/169 | 22.0 | 412742 |
| MPC 1201 E 230V, 50/60Hz | 138 | 75 | DN 8 | 230/380/169 | 22.0 | 412741 |

Scope of Delivery: Every pump is supplied with ON/OFF switch and internal protective thermal switch for the motor, carry handle and vibration isolating feet. Delivered with Schuko, UK plug leads and operation manual.

Accessories:



Manual Vacuum Regulator
with Dial Gauge
CAT. No. 700553



Digital Vacuum
Control Box VCB 521
CAT. No. 600053



Rotary Evaporation
Connection Kit
CAT. No. 112575



Vacuum Oven
Fitting Kit
CAT. No. 404005