

Premium Chemical Duty Diaphragm Vacuum Pump

MPC 095 Z

DESIGNED FOR EVAPORATION APPLICATIONS

- ✓ Compact, oil-free, reliable
- ✓ Outstanding chemical resistance
- ✓ Optimized accessory range



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WELCH

LOW / MEDIUM BOILING POINT SOLVENTS – BENCHTOP ROTAVAPS

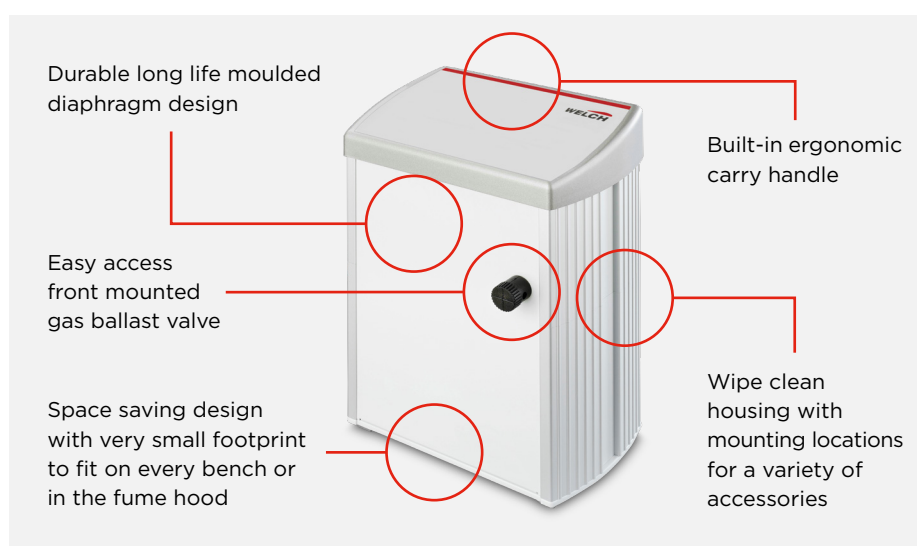
Proven performance and reliability

MPC 095 Z is ideal for applications where an oil-free deep ultimate vacuum and fast pump down time are required, such as rotary evaporators and degassing / desiccation. Using a PTFE moulded diaphragm gives improved chemical resistance and performance compared to sandwich diaphragm designs, allowing for extended service intervals, as well as a deep 5 mbar ultimate pressure for easy evaporation of common lab solvents. The effective gas ballast valve allows for condensable vapours to be pumped with ease. With its construction from PTFE and other fluoropolymer wetted parts, MPC 095 Z is fully chemically resistant against aggressive solvents and acidic vapours commonly used in chemistry and pharmaceutical laboratories.

Professional accessory range to match your evaporation process

MPC 095 Z is perfectly packaged inside its housing which has multiple features and benefits. The pump is mounted vertically inside of the housing, which allows for a very small footprint to use as little bench space as possible. The housing also means that MPC 095 Z is extremely quiet in operation. It can be effortlessly wiped down to keep a clean and safe laboratory environment. The housing is designed with a built-in carry handle and has vertical channels on each side to allow for quick and simply mounting of a wide range of accessories. Inlet accessories include manual vacuum regulator with gauge and inlet separator flask, and for the exhaust an emissions condenser for optimal solvent recovery. A standard package is available for common rotary evaporator setup.

DESIGN FEATURES



APPLICATIONS

ROTARY EVAPORATOR



DISTILLATION



DEGASSING/ DESICCATION



YOUR BENEFITS

- ✓ Extremely quiet running
- ✓ Easily evaporate low / medium boiling point solvents
- ✓ Long service intervals

TECHNICAL DATA / ORDERING INFORMATION

MODEL	PUMPING SPEED L/MIN	ULTIMATE PRESSURE MBAR	TUBING NEEDED	DIMENSIONS WxDxH MM	WEIGHT KG	CAT. NO.
Chemical Duty Diaphragm Vacuum Pump, MPC 095 Z, 90-260 V, 50/60 Hz	15	5	DN 8	235x189x277	6,15	412422-02
Rotavap pump package; consisting of MPC 095 Z pump plus manual regulator with dial vacuum gauge and 1m vacuum hose						412422-10

Scope of delivery: Chemical duty diaphragm pump mounted in housing with carry handle, vibration isolating feet and AD/DC power pack with Schuko, UK and US plug leads.

ACCESSORIES

DESCRIPTION	CAT. NO.
NEW Digital Vacuum Controller VCpro 601, 1100 - 1 mbar, 115-240V, 50/60Hz with Schuko, UK & US plug lead	600100
Vacuum regulator with dial gauge for MPC 095 Z	700459
Vacuum regulator with dial gauge and 500ml separator flask for MPC 095 Z	700461
Exhaust emissions condenser with 500ml collection flask for MPC 095 Z	700462



600100



700459



For other models in the range see our Diaphragm Vacuum Pumps brochure

REQUEST A QUOTATION

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