

**412711 - Diaphragm pump MPC 301 E -
for chemical applications**
Order code: **8010.412711**



Cena bez DPH

1.214,00 Eur

Price with VAT

1.468,94 Eur

Parameters

Pumping rate [l/min]

38,3

Threshold pressure [kPa]

<7,5

Vacuum pump

Diaphragm

Quantitative unit

ks

Diaphragm pumps for chemical applications - type MPC - are chemically compatible and resistant to aggressive solvents and acid vapors which are common in laboratories. The diaphragm are made out of elastomer with PTFE layer. The pump and connection heads are carbon fiber reinforced. Their electrical conductivity prevents electrostatic charging and minimizes the risk of gas mixture igniting inside of the pump.

The diaphragm pump MPC 301 E is a one-stage pump. It is compact and functional. Maintenance and service are quick and easy to carry out. The pump operates extremely quietly.

The diaphragm pump MPC 301 E is designed for:

- Conveying and compressing neutral and aggressive gases and vapors
- Generation of vacuum up to an ultimate pressure
- Use in physical and chemical laboratories for filtration and desiccation.

Scope of delivery:

- 1-head chemical diaphragm pump
- integrated motor protection switch
- hose nozzle DN8 for hose inner diameter 8 mm
- vibration isolating feet
- exhaust silencer
- external power supply and device connection cable IEC with plug CEE, UK

Technical Data

- Number of heads / stages: 1/1
- Max. pumping speed at 50 Hz in m³/h (l/min): 2.3 (38.3)
- Max pumping speed at 60 Hz in m³/h (l/min): 2.5 (41.7)
- Max. pumping speed at 60 Hz in cfm (l/min): 1.4 (41.7)
- Ultimate pressure in mbar (Torr): < 75
- Wired for: 230V, 50/60Hz
- Intake connection: Hose nozzle DN 8
- Exhaust connection: Hose sleeve A 10 – 8 or optional (enclosed) Exhaust silencer A 10
- Sound level (dB): < 45
- Dimensions (W/D/H) in mm: 156/260/253
- Weight kg (lbs): 8.9 (19.6)