



Chemical Resistant Diaphragm Pumps MPC 301 E

Diaphragm pumps for chemical applications - type MPC - are chemically compatible and resistant to aggressive solvents and acid vapors which are common in laboratories. The diaphragms are made out of PTFE. 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 <75 mbar
- Use in physical and chemical laboratories

Scope of delivery: 1-head chemical diaphragm pump, integrated motor protection switch, hose nozzle DN 8 for hose inner diameter 8 mm, vibration isolating feet, external power supply and device connection cable IEC with plug CEE, UK, US.

Optional: vacuum regulator with dial gauge.

Technical data

Article Number - **412711**

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 nozzle DN 8**

Sound level (dB) - **< 45**

Dimensions (W/D/H) in mm – **156/260/253**

Weight kg (lbs) - **8.9 (19.6)**



Chemical Resistant Diaphragm Pumps MPC 302 E

Diaphragm pumps for chemical applications - type MPC - are chemically compatible and resistant to aggressive solvents and acid vapors which are common in laboratories. The diaphragms are made out of PTFE. 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 302 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 302 E is designed for:

- Conveying and compressing neutral and aggressive gases and vapors
- Generation of vacuum up to an ultimate pressure <60 mbar
- Use in physical and chemical laboratories

Scope of delivery: 1-head chemical diaphragm pump, integrated motor protection switch, hose nozzle DN 8 for hose inner diameter 8 mm, vibration isolating feet, external power supply and device connection cable IEC with plug CEE, UK, US.

Optional: vacuum regulator with dial gauge.

Technical data

Article Number - **414711**

Number of heads / stages - **1/1**

Max. Pumping speed at 50 Hz in m³/h (l/min) - **2.9 (48.3)**

Max. Pumping speed at 60 Hz in m³/h (l/min) - **3.5 (58.3)**

Max. Pumping speed at 60 Hz in cfm (l/min) - **2.0 (58.3)**

Ultimate pressure in mbar (Torr) – **< 60**

Wired for - **230V, 50/60Hz**

Intake connection - **Hose nozzle DN 8**

Exhaust connection - **Hose nozzle DN 8**

Sound level (dB) - **< 45**

Dimensions (W/D/H) in mm – **156/260/253**

Weight kg (lbs) - **8.9 (19.6)**