

## 412021 - Diaphragm pump MPC 090 E - for chemical applications

Order code: **8010.412021**



Cena bez DPH

799,00 Eur

Price with VAT

966,79 Eur

Parameters

Pumping rate [l/min]

1,7

Threshold pressure [kPa]

<10

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 is 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 090 E is a one-stage pump with mounted separator with manometer and metering valve led. It is compact and functional. Maintenance and service are quick and easy to carry out. The pump operates extremely quietly.

The diaphragm pump MPC 090 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 and in the field

#### **Scope of delivery:**

- 1-head chemical diaphragm pump
- integrated motor protection switch
- hose nozzle DN 6 for hose inner diameter 6 mm
- vibration isolating feet
- external power supply and AC/DC converter power pack with CEE, UK & US adapters

#### **Technical Data**

- Number of heads / stages: 1/1
- Max. pumping speed at 50 Hz in m<sup>3</sup>/h (l/min): 1 (1.7)
- Ultimate pressure in mbar (Torr): < 100
- Wired for: 90 to 260V AC / 18V DC
- Intake connection: Hose nozzle DN 6
- Exhaust connection: Hose nozzle DN 6
- Sound level (dB): < 45
- Dimensions (W/D/H) in mm: 144/198/244
- Weight kg (lbs): 2.7 (6)