WELCH
by Gardner Denver

MPC 090 E

Filtration Dry Vacuum Pump

> Compact, oil-free, ultra portable
> Controllable filtration power
> Vacuum display and adjustment for soft start

High Quality Chemical Duty Diaphragm Pump

Vacuum filtration is widely used as a sample preparation method in chemistry and analytical processes. MPC 090 E has been specifically designed for these applications using our well proven diaphragm technology which ensures ultra quiet operation and maintenance free operation. The standard equipment of a high accuracy regulator allows for soft start filtration, to prevent damage to the filter membrane, whilst allowing a powerful final vacuum level to be achieving for fast results. A built in catch pot prevents accidental ingestion of liquid into the pump.

Great for Vacuum Solvent Filtration / Degassing and Mobile Phase Filtration

While attractively priced, the new MPC 090 E incorporates powerful features designed to make filtration safe and simple, such as the regulators which permit instant control over the vacuum applied.

MPC 090 E
The Solution for Filtration in Chemistry Labs

Applications

> Filtration of organic, corrosive or acids / bases liquids

> Mobile Phase Filtration

> Solid Phase Extraction (SPE)

> Bottle-top Filtration

> Solvent Degassing and Desiccation

Advantages

> Analytically pure, oil free vacuum

> Light weight, rugged design

> All wetted parts are made of Ryton, Viton or Kalrez

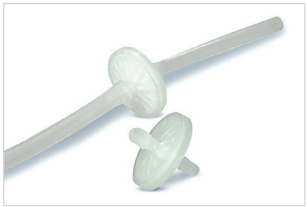
> Designed for contiously running

> Use in the lab or in the field (with optional adapter)

Certification CE Marked

1. Manual Vacuum regulator with dial gauge and liquid trap
2. Requires minimal bench-top space due to compact design
3. Powerful corrosion resistant diaphragm vacuum pump build-in
4. Maintenance-free drive system and proven long diaphragm life
5. DC powered by 90 – 260 V power adapter

Accessories



Vacuum filtration & desiccation Kit with hydrophob in-line filter and hose.
CAT. No. 404008

Auto adapter for 12 – 24V DC.
CAT. No. 825261

TECHNICAL FEATURES / ORDERING INFORMATION

Model	Diaphragm Pump, Chemical Duty MPC 090 E 90...260V AC, 50 / 60 Hz
Pumping Speed	15 l/min
Ultimate Pressure	100 mbar
Tubing Needed	ID 6 mm
Dimensions WxDxH	144x198x244 mm
Weight	2.7 kg
CAT. No.	412021

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Wolflabs

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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.