

NEW



## MPC 302 Z Superior Chemical Duty Diaphragm Pump

- Improved ultimate pressure and flow rate
- Oil free - dry vacuum pump
- Especially suitable for laboratory applications, research and development



## Latest generation of chemical resistant diaphragm pumps

### The new standard for laboratory applications

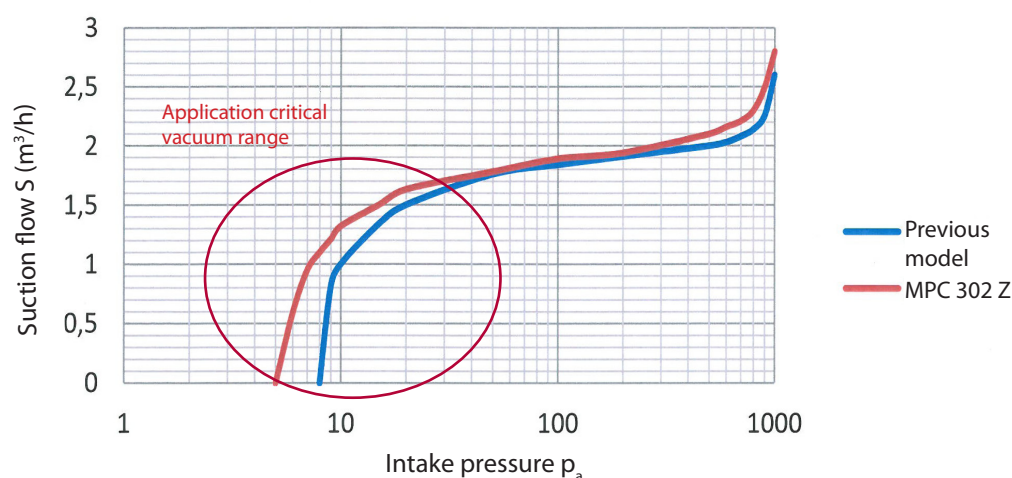
No matter if for research and development applications or in the analysis field, the latest generation of Ilmvac's diaphragm pumps is suitable for a lot of applications in laboratories.

An optimized construction of the pump heads allows the MPC 302 Z to reach a 17% higher pumping speed in the application critical vacuum range compared to similar products of the previous diaphragm pump generation with two stages.

### Process flow and repeatability

Besides the pumping speed the ultimate vacuum is improved as well. While other two stage diaphragm pumps only reach 8 mbar the MPC 302 Z goes down even further to 5 mbar ultimate vacuum. These significant improvements directly influence the process flow and the repeatability. A more stable applied vacuum gives a more repeatable application and achieves more reliable results. The effectiveness and quality of chemical applications, especially distillation processes are being improved.

### Pumping speed chart



### Applications:

- Filtration of aqueous, organic, corrosive or acids/bases liquids
- Distillation
- Vacuum oven
- Degassing
- Oil free backing pump

### Benefits:

- Improved pumping speed at application critical vacuum range
- Lowered ultimate vacuum
- Stabilized process flow
- Enhanced repeatability

Certification: CE



### Technical Features/Ordering Information :

Model	Pumping Speed m³/h	Ultimate Pressure mbar	Tubing Needed mm	Dimensions W/D/H mm	Weight kg	CAT. No.
Diaphragm Pump, Chemical Duty, MPC 302 Z, 230V, 50/60 Hz	2.8	5	DN 8	265/230/169	11.2	414722

### Accessories:



Vacuum Control Box VCB 521 cv  
CAT No. 600053



Dial gauge, analog  
CAT No. 400596



Connection-Kit 5  
CAT No. 404005



Connection-Kit ROKit 1  
CAT No. 112575



# WolfLabs

**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.

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Please contact us if this literature doesn't answer all your questions.