

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

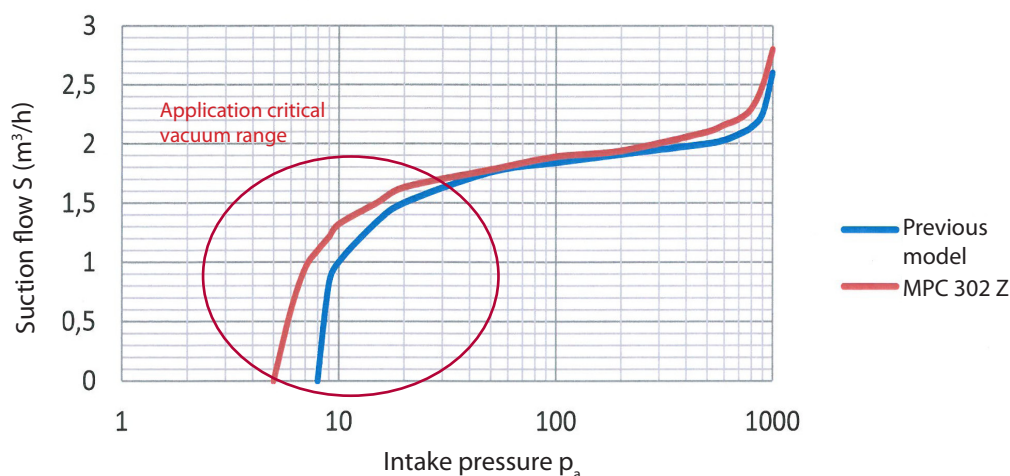
No matter if for research and development applications or in the analysis field, the latest generation of Ilmvac's diaphragm pumps is suitable for a lot of applications in laboratories.

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