

## CHEMISTRY DIAPHRAGM PUMPS

1.5 mbar - 3.4 m<sup>3</sup>/h

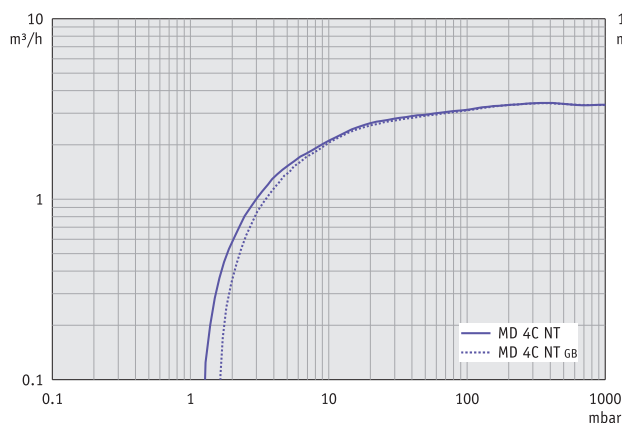
- ✦ outstanding chemical resistance and superior vapor tolerance
- ✦ exceptionally high performance even at low vacuum
- ✦ excellent ultimate vacuum even with gas ballast
- ✦ whisper quiet and very low vibration
- ✦ long diaphragm life, maintenance-free drive system



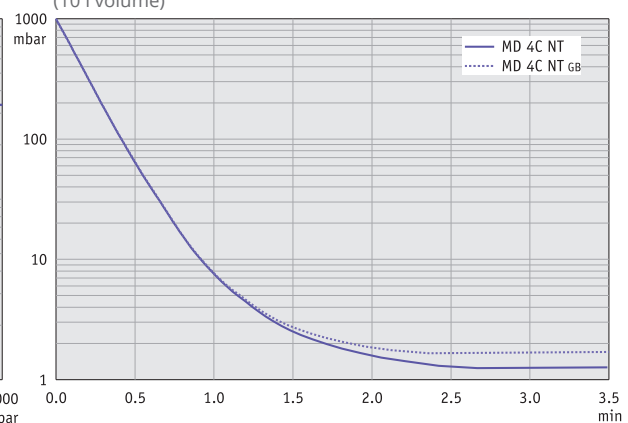
## MD 4C NT

Three-stage chemistry-design diaphragm pumps are an excellent solution for continuous, oil-free pumping of corrosive gases and vapors and meet even challenging requirements. The three-stage design provides the advantageous combination of high pumping speed and very low ultimate vacuum. All parts of the MD 4C NT in contact with pumped media are made of chemically resistant fluoroplastics. Well-proven PTFE sandwich diaphragms provide increased reliability and extended operating life. Due to the gas ballast valve and its very good ultimate vacuum (even with gas ballast) the MD 4C NT is also suitable for pumping condensable vapors of high-boiling solvents. The NT-series features further improved performance data, easy service and superior vapor tolerance.

Pumping speed graph at 50 Hz  
with/without gas ballast



Pump down graph at 50 Hz  
with/without gas ballast  
(10 l volume)



Further information and diagrams for 60 Hz mains frequency at [www.vacuubrand.com](http://www.vacuubrand.com)  
Pumping speeds and pump down times are only for information. Ultimate vacuum specification: See "Technical Data"

## CHEMISTRY DIAPHRAGM PUMPS

## TECHNICAL DATA

## MD 4C NT

Number of heads / stages	4 / 3
Max. pumping speed 50/60 Hz	3.4 / 3.8 m³/h
Ultimate vacuum (abs.)	1.5 mbar
Ultim. vac. (abs.) with gas ballast	3 mbar
Integral leakage rate	typ. 0.02 mbar l/s
Max. back pressure (abs.)	1.1 bar
Inlet connection	Hose nozzle DN 8-10 mm
Outlet connection	Hose nozzle DN 8-10 mm
Rated motor power	0.25 kW
Degree of protection	IP 40
Dimensions (L x W x H), approx.	325 x 243 x 198 mm
Weight, approx.	14.3 kg

## ORDERING INFORMATION

## MD 4C NT

## ACCESSORIES

Rubber vacuum tubing DN 8 mm (686001)

## ITEMS SUPPLIED

Pump completely mounted, ready for use, with manual.

230 V ~ 50-60 Hz	CEE	Ex*	736400
230 V ~ 50-60 Hz	CH	Ex*	736401
230 V ~ 50-60 Hz	UK, IN	Ex*	736402
230 V ~ 50-60 Hz	CN	Ex*	736406
100-115 V ~ 50-60 Hz /			
120 V ~ 60 Hz	US		736403

With NRTL certification for Canada and the USA  
Ex\*: ATEX: II 3G IIC T3 X, Internal Atm. only



# 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.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

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