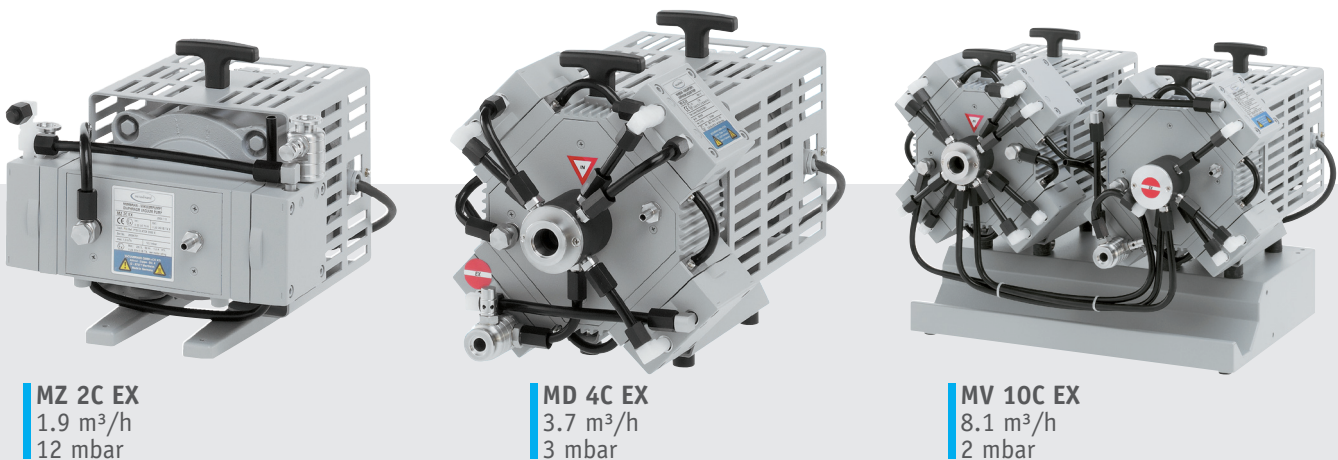


CHEMISTRY DIAPHRAGM PUMP

ATEX CHEMISTRY DIAPHRAGM PUMP

ATEX chemistry diaphragm pumps offer all advantages of oil-free chemistry diaphragm pumps. Typical applications are rotary evaporators and drying ovens with potentially explosive atmospheres. The ATEX approval includes the interior of the pump (in contact with pumped gases) as well as the surrounding area of the pump. All wetted parts of the pumps have excellent chemical resistance and are mainly made of antistatic materials. Included in delivery is a separate gas ballast connection part for use of inert gas.



MZ 2C EX
1.9 m³/h
12 mbar

MD 4C EX
3.7 m³/h
3 mbar

MV 10C EX
8.1 m³/h
2 mbar

TECHNICAL DATA	MZ 2C EX	MD 4C EX	MV 10C EX
ATEX conformity	Pumping chamber (pumped gases): II 2G IIC T3 X Environment with inert purge gas: II 2G IIB T4 X Environment without inert purge gas: II 3G IIB T4 X Motor: II 2G Ex d IIB T4		
Number of heads / stages	2/2	4/3	8/4
Max. pumping speed at 50 Hz	m ³ /h 1.9	3.7	8.1
Ultimate vacuum (abs.)	mbar 12	3	2
Ultim. vac. (abs.) with gas ballast	mbar 18	10	10
Max. back pressure (abs.)	bar 1.1	1.1	1.1
Max. gas inlet temperature	°C 40	40	40
Inlet connection	Small flange KF DN 16	Small flange KF DN 25	Small flange KF DN 25
Outlet connection	Small flange KF DN 16	Small flange KF DN 16	Small flange KF DN 16
Rated motor power	kW 0.15	0.25	0.5
Degree of protection	IP 54	IP 54	IP 54
Dimensions (L x W x H), approx.	mm 337 x 287 x 251	440 x 265 x 305	560 x 430 x 410
Weight, approx.	kg 21.6	29.3	63.2

ORDERING INFORMATION MZ 2C EX		
230 V ~ 50 Hz	Open wires	696920

ORDERING INFORMATION MD 4C EX		
230 V ~ 50 Hz	Open wires	696930

ORDERING INFORMATION MV 10C EX		
230 V ~ 50 Hz	Open wires	696945

ACCESSORIES MZ 2C EX	
PTFE tubing KF DN 16 (1000 mm: 686031)	

ACCESSORIES MD 4C EX / MV 10C EX	
PTFE tubing KF DN 16 (1000 mm: 686031)	
PTFE tubing KF DN 25 (1000 mm: 686033)	

ITEMS SUPPLIED
Pump completely mounted, ready for use, with manual, 2 m cable without plug. Pump MV 10C EX with two cables (two motors).