



Vacuubrand ME-1C

Technical Specifications

		ME 1C
Number of heads / stages		1 / 1
Max. pumping speed at 50/60 Hz	m ³ /h	0.7 / 0.85
Max. pumping speed at 50/60 Hz	cfm	0.4 / 0.5
Ultimate vacuum (abs.)	mbar/torr	100 / 75
Ambient temperature range (operation)	°C	10 - 40
Ambient temperature range (storage)	°C	-10 - 60
Max. back pressure (abs.)	bar	1.1
Inlet connection		Hose nozzle DN 8-10 mm
Outlet connection		Hose nozzle DN 8-10 mm
Rated motor power	kW	0.04
Rated motor speed at 50/60 Hz	min-1	1500/1800
Protection class		IP 40
Dimensions (L x W x H)	mm	247 x 121 x 145
Weight	kg	5.0
Noise level at 50 Hz, typ.	dBA	45
NRTL certification		Canada and the USA
ATEX conformity (only 230V)		II 3/- G IIC T3 X Internal Atm. only
Items supplied		Pump completely mounted, ready for use, with manual.
Accessories		Rubber vacuum tubing DN 8 mm (20686001) Chemistry vacuum regulator valve unit for ME/MZ 1C (20696843) Silencer DN 8 - 10 mm (20636588)



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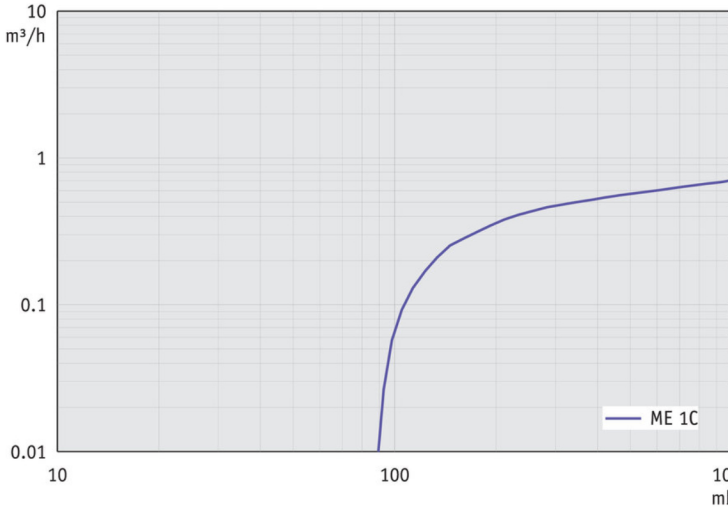
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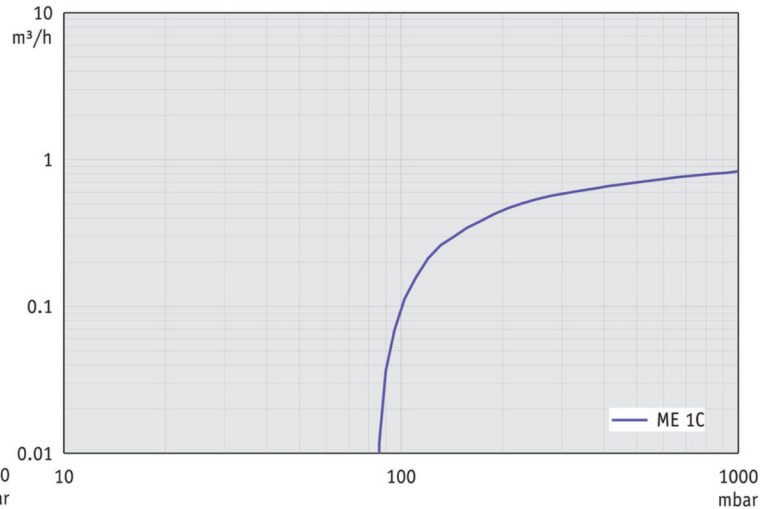
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Vacuubrand ME-1C Pumping Curves

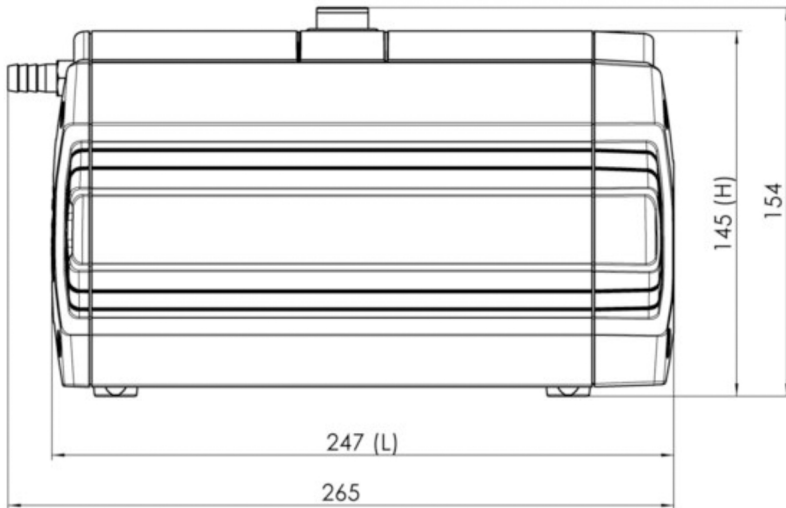
50Hz



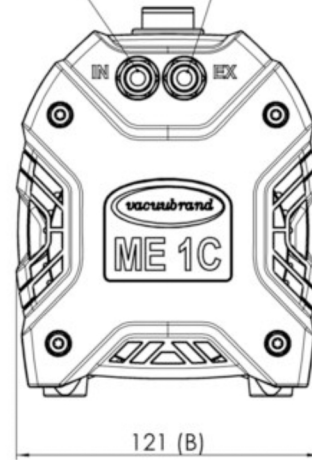
60Hz



Dimensions

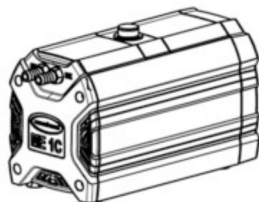


IN hose nozzle 10 EX hose nozzle 10



weight 230V : 5,0 kg
weight 100-120V : 5,4 kg

all dimensions (mm)



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Version 2010/07/28



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Features & Benefits

- compact, high performance, easy-to-use solution
- perfect for single filtrations
- well-proven & extraordinarily long diaphragm life
- functional, space saving, innovative design
- easy accessible top mounted power switch
- robust valves provide optimal chemical resistance
- whisper quiet & very low vibration operation
- maintenance-free drive system

Applications

- vacuum filtration & solid phase extraction • analytical applications

