

3 Technical data

Type	Rotavac Valve Tec	
Maximum pumping speed according ISO 21360	m ³ /h	0.75 / 0.9 ^(a)
Ultimate vacuum (absolute) without gas ballast	mbar	12
Ultimate vacuum (absolute) with gas ballast	mbar	20
Maximum permissible inlet pressure (absolute)	bar	1.1
Maximum permissible outlet pressure (absolute)	bar	1.1
Maximum permissible difference pressure between inlet and outlet	bar	1.1
Maximum permissible pressure (absolute) at gas ballast valve	bar	1.2
Permissible ambient temperature storage	°C	-10 to +60
operation	°C	+10 to +40
Permissible relative atmospheric moisture during operation (no condensation)	%	30 to 85
Maximum installation altitude	m	2000 NN
Nominal power electrical	kW	0.08
No-load speed 50/60 Hz	min ⁻¹	1500 / 1800 ^(a)
Maximum permissible range of supply voltage (±10%) Attention: See rating plate		100-120 V~ 50/60 Hz, 200-230 V~ 50/60 Hz
Maximum rated current at 100-120 V~ 50/60 Hz	A	1.6 / 1.7
200-230 V~ 50/60 Hz	A	0.8 / 0.85
Motor protection		thermal cutout, manual reset ^(b) 120 V version: additional fuse 2.5 AT
Degree of protection IEC 529		IP 42
Inlet		hose nozzle DN 8 mm
Outlet		hose nozzle DN 8-10 mm
A-weighted emission sound pressure level* (uncertainty K _{pA} : 3 dB(A))	dB(A)	40
Dimensions L x W x H approx.	mm	316 x 143 x 183 (230V version) 323 x 143 x 183 (120V version)
Weight approx.	kg	6.0

(a) at 50/60 Hz

(b) In case of supply voltage below 100V, the lock of the cutout might be restricted.

(c) Measurement according to EN ISO 2151:2004 and EN ISO 3744:1995 at 230V/50Hz and at ultimate vacuum with exhaust tube at outlet