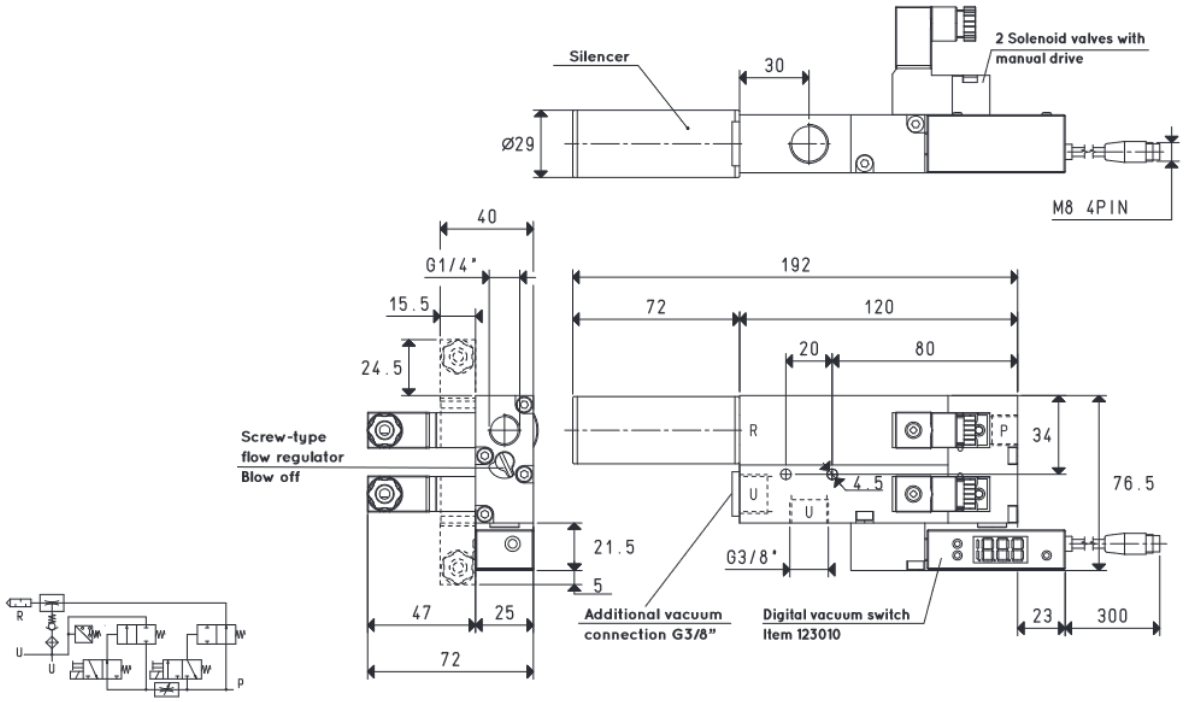




P=COMPRESSED AIR CONNECTION R=EXHAUST U=VACUUM CONNECTION

Item		MSVE 8			MSVE 12		
Intake air flow rate	m^3/h	8.0	8.6	8.8	12.0	12.2	12.5
Maximum level of vacuum	-KPa	40	60	90	40	60	90
Final pressure	mbar abs.	600	400	100	600	400	100
Supply pressure	bar	2	3	3.5	2	3	3.5
Air consumption	Nl/s	2.8	3.8	4.3	3.7	5.0	5.5
Max quantity of air blown at 3.5 bar	l/min			600			600
Internal coaxial shutter position of supply				NO			NO
Supply solenoid valve absorption	W			2.0			2.0
Internal coaxial shutter position of ejection				NC			NC
Ejection solenoid valve absorption	W			2.0			2.0
Supply voltage	V			24DC			24DC
Vacuum switch output				PNP			PNP
Degree of protection	IP			40			40
Temperature of use	°C			-10 / +60			-10 / +60
Noise level at optimal supply pressure	dB(A)			53			50
Weight	g			580			620

Spare parts		MSVE 8	MSVE 12
Sealing kit	item	00 15 504	00 15 504
Digital vacuum switch	item	12 30 10	12 30 10
NO supply solenoid valve	item	00 07 304	00 07 304
NC supply and blowing solenoid valve	item	00 15 447	00 15 447
Silencer	item	SSX 3/8"	SSX 3/8"

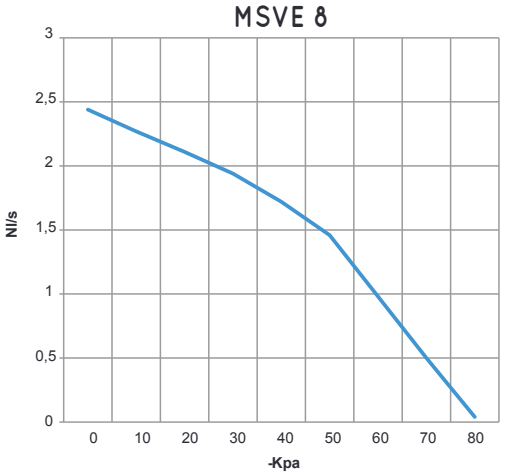
Note: To order a generator with NC supply coaxial shutter, use item code MSVE..NC.
To order a generator without a digital vacuum switch, use item code MSVE..SV.

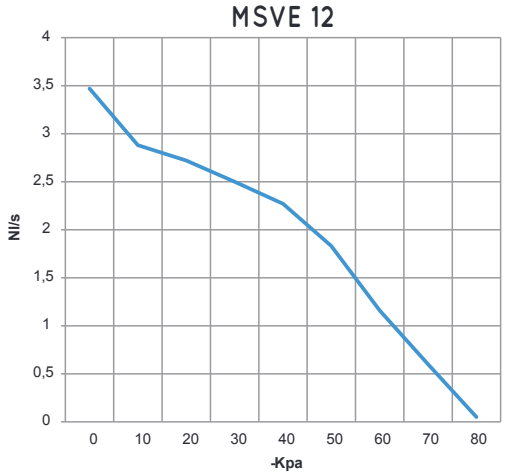
Note: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.
Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard **ISO 8573-1 class 4**.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$ Adapters for GAS - NPT threading available on page 1.130

3D drawings are available on **vuototecnica.net**

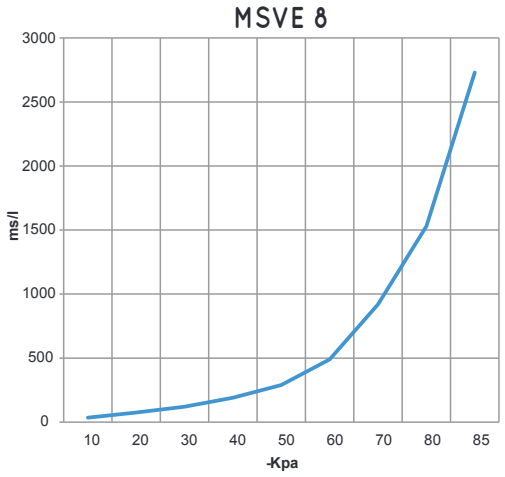
Air flow rate (Nl/s) at different level of vacuum (-KPa) at optimal supply pressure

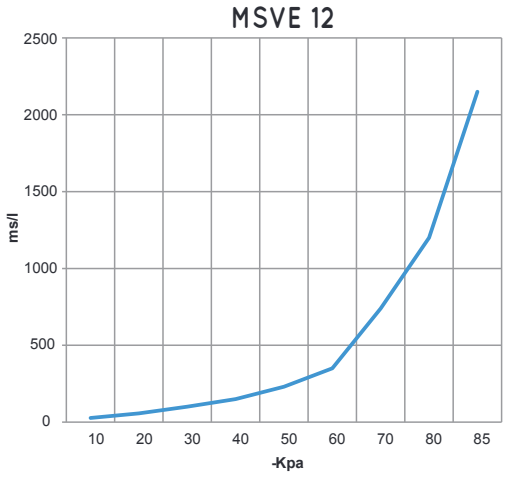




Generator item	Supp. press. bar	Air consumption Nl/s	Air flow rate (Nl/s) at different levels of vacuums (-KPa) at optimal supply pressure									Max vacuum
			0	10	20	30	40	50	60	70	80	-KPa
MSVE 8	3.5	4.3	2.44	2.27	2.11	1.94	1.72	1.46	0.98	0.50	0.04	90
MSVE 12	3.5	5.5	3.47	2.88	2.72	2.50	2.27	1.83	1.16	0.60	0.05	90

Evacuation rates (ms/l = s/m³) at different levels of vacuums (-KPa) at optimal supply pressure





Generator item	Supp. press. bar	Air consumption Nl/s	Evacuation rates (ms/l= s/m³) at different levels of vacuums (-KPa) at optimal supply pressure									Max vacuum
			10	20	30	40	50	60	70	80	85	-KPa
MSVE 8	3.5	4.3	35	75	120	190	290	490	920	1530	2730	90
MSVE 12	3.5	5.5	27	57	100	150	230	350	740	1200	2150	90