

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

Item		AVG 18			AVG 25		
Intake air flow rate	m ³ /h	16.5	17.0	17.4	24.5	25.0	25.2
Maximum level of vacuum	-KPa	60	70	85	60	70	85
Final pressure	mbar abs.	400	300	150	400	300	150
Supply pressure	bar	4	5	6	4	5	6
Optimal supply pressure	bar			6			6
Air consumption	NI/s	4.3	5.3	6.4	6.5	8.0	9.6
Max quantity of air blown at 6 bar	l/min			140			140
Bistable supply solenoid valve	NO/NC			NO/NC			NO/NC
Electrical absorption	W			1			1
Ejection solenoid valve position	NC			NC			NC
Electrical absorption	W			4			4
Supply voltage	V			24DC			24DC
Degree of protection	IP			65			65
Temperature of use	°C			-10 / +60			-10 / +60
Noise level at optimal supply pressure	dB(A)			63			65
Weight	Kg			1.67			1.67

Note: To order a generator with a digital vacuum switch installed, add the letter V to the item code (example: AVG 25 V).

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)

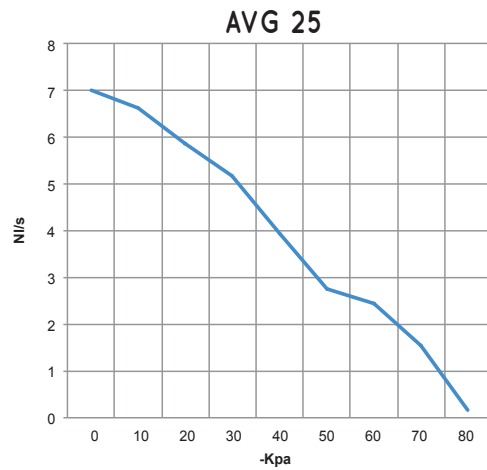
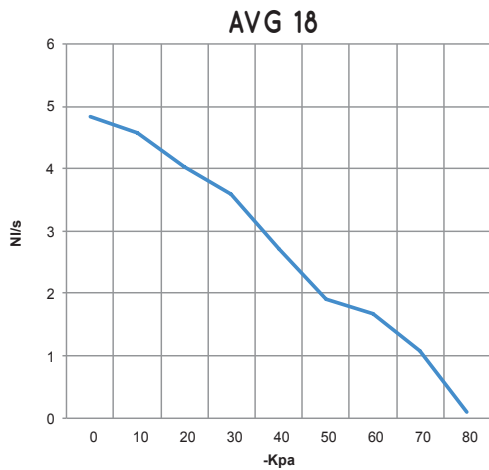
inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130



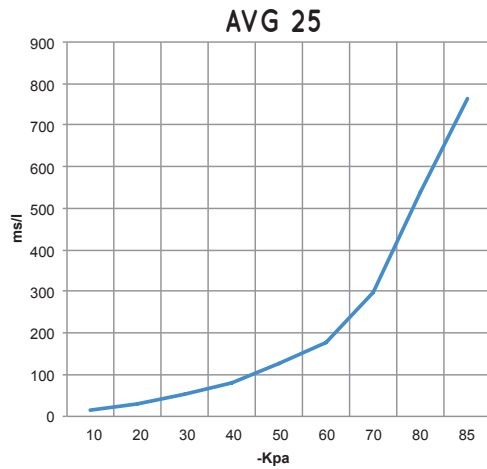
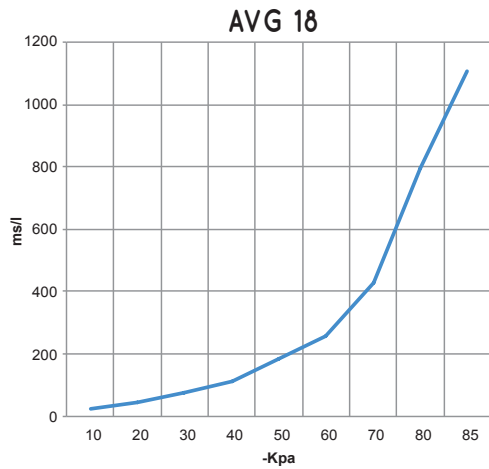
SINGLE-STAGE AND MULTI-FUNCTION VACUUM GENERATORS AVG 18 and AVG 25

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



Generator item	Supp. press. bar	Air consumption NI/s	Air flow rate (NI/s) at different levels of vacuums (-KPa) at optimal supply pressure									Max vacuum -KPa
			0	10	20	30	40	50	60	70	80	
AVG 18	6.0	6.4	4.83	4.58	4.04	3.58	2.72	1.90	1.68	1.07	0.10	85
AVG 25	6.0	9.6	7.00	6.63	5.86	5.18	3.94	2.76	2.44	1.54	0.15	85

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



Generator item	Supp. press. bar	Air consumption NI/s	Evacuation rates (ms/l = s/m ³) at different levels of vacuums (-KPa) at optimal supply pressure							Max vacuum -KPa		
			10	20	30	40	50	60	70		80	85
AVG 18	6.0	6.4	22	44	75	115	185	258	430	798	1107	85
AVG 25	6.0	9.6	15	30	52	80	128	178	297	538	764	85

ACCESSORIES AND SPARE PARTS UPON REQUEST

Item		AVG 18	AVG 25
Sealing kit	item	00 KIT AVG 18	00 KIT AVG 25
Exhaust silencers	item		SSX 3/4 R
Digital micro vacuum switch	item		12 05 11 *
Bistable supply solenoid valve	item		00 15 297
NC blowing solenoid valve	item		00 15 175

* Complete the code indicating the electrical type of the output: P = PNP; N = NPN