

3D drawings are available on [vuotecnica.net](http://vuotecnica.net)

		P=COMPRESSED AIR CONNECTION	R=EXHAUST	U=VACUUM CONNECTION		
Item		PVP 750 MD				
Intake air flow rate	m <sup>3</sup> /h		650	780	900	
Maximum level of vacuum	-KPa		65	82	90	
Final pressure	abs. mbar		350	180	100	
Supply pressure	bar		4	5	6	
Optimal supply pressure	bar				6	
Air consumption	NI/s		60.5	71.0	80.0	
Temperature of use	°C				-20 / +80	
Noise level at optimal supply pressure	dB(A)				84	
Weight	Kg				12.7	
A					164	
G	∅				G3"	
L					209	
Item		PVP 750 MDLP				
Intake air flow rate	m <sup>3</sup> /h		420	650	800	
Maximum level of vacuum	-KPa		30	64	88	
Final pressure	abs. mbar		700	360	120	
Supply pressure	bar		1	2	3	
Optimal supply pressure	bar				3	
Air consumption	NI/s		52.0	82.5	110.0	
Temperature of use	°C				-20 / +100	
Noise level at optimal supply pressure	dB(A)				85	
Weight	Kg				12.7	
A					164	
G	∅				G3"	
L					209	
Spare parts		PVP 750 MD / MDLP				
Sealing kit and reed valves	item		00 KIT PVP 750 MD			
Exhaust silencer	item		00 15 70			
Silencer on nozzles	item		N°2 00 15 72 + 00 15 71			
Vacuum gauge	item		09 03 15			
Pressure gauge	item		09 03 25			

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.

Add the letter R to the item for a generator supplied with an integrated check valve (Example: PVP 750 MDR).

Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

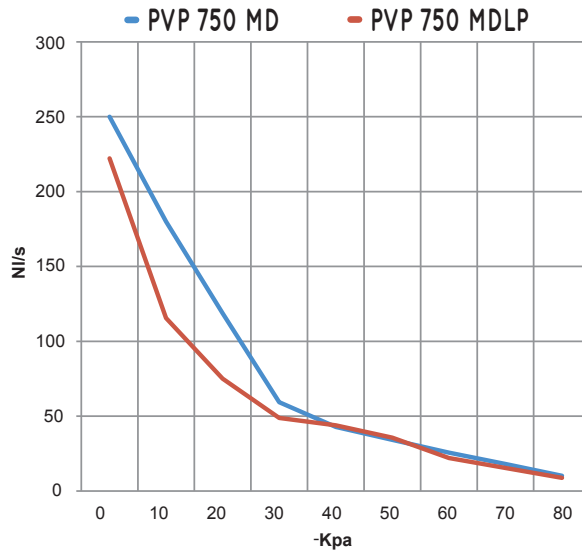
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

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

Adapters for GAS - NPT threading available on page 1.130

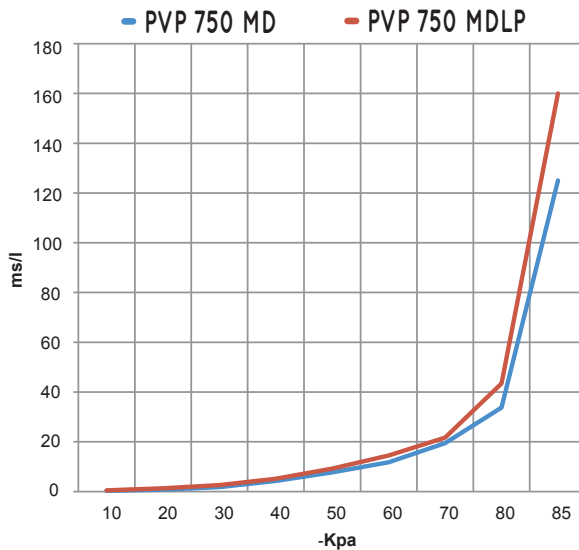


Air flow rate (NI/s) at different levels of vacuums (-KPa) at optimal supply pressure



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		
PVP 750 MD	6.0	80.0	250.0	180.0	118.8	59.4	42.8	34.2	25.7	18.0	10.2	90	
PVP 750 MDLP	3.0	110.0	222.2	115.5	75.1	48.8	43.9	35.6	22.0	15.4	8.8	88	

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/m³) at different levels of vacuums (-KPa) at optimal supply pressure										Max vacuum -KPa
			10	20	30	40	50	60	70	80	85		
PVP 750 MD	6.0	80.0	0.3	0.8	1.8	4.3	7.7	11.8	19.5	33.8	125	90	
PVP 750 MDLP	3.0	110.0	0.5	1.3	2.6	5.2	9.2	14.5	21.7	43.4	160	88	