

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

Item		PVP 750 MD		
Intake air flow rate	m ³ /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 ³ /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.

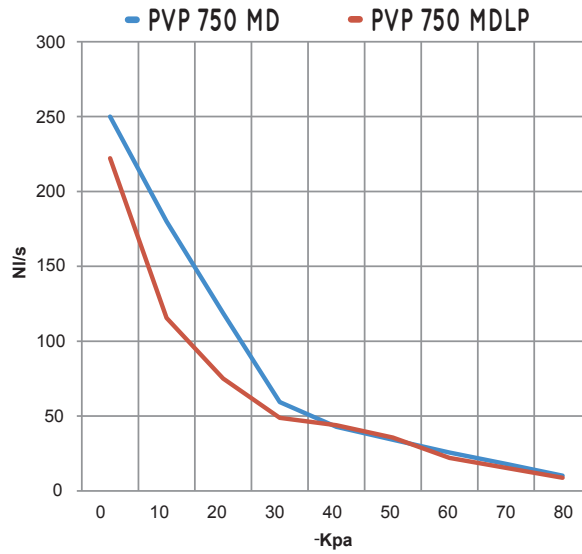
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

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

Adapters for GAS - NPT threading available on page 1.130

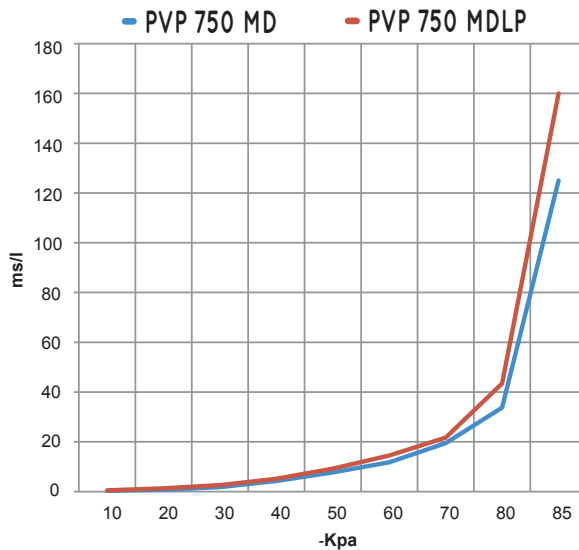


Air flow rate (NI/s) at different levels of vacuums (-KPa) at optimal supply pressure



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	