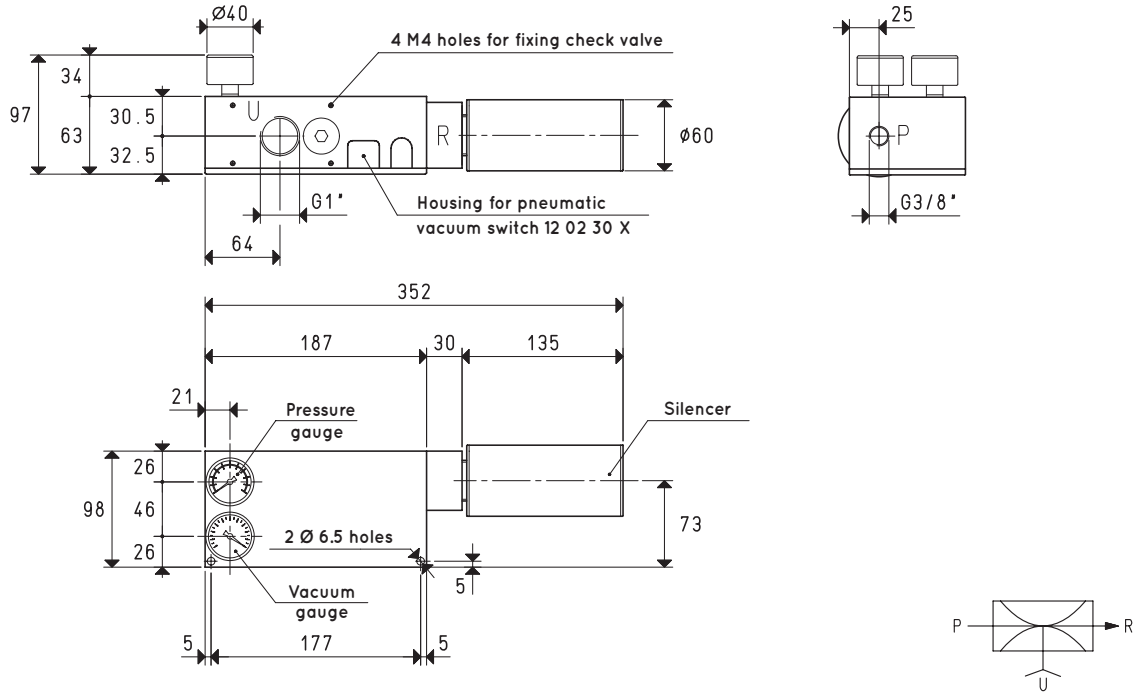


MULTI-STAGE VACUUM GENERATORS PVP 60 and PVP 75 MDX / MDXLP



3D drawings are available on vuototecnica.net

		P=COMPRESSED AIR CONNECTION	R=EXHAUST	U=VACUUM CONNECTION			
Item		PVP 60 MDX			PVP 75 MDX		
Intake air flow rate	m ³ /h	75	85	92	85	94	103
Maximum level of vacuum	-kPa	65	82	90	65	82	90
Final pressure	abs. mbar	350	180	100	350	180	100
Supply pressure	bar	4	5	6	4	5	6
Optimal supply pressure	bar			6			6
Air consumption	NI/s	5.9	7.0	8.2	7.0	8.4	9.8
Temperature of use	°C			-20 / +80			-20 / +80
Noise level at optimal supply pressure	dB(A)			65			70
Weight	Kg			1.90			1.92
Item		PVP 60 MDXLP			PVP 75 MDXLP		
Intake air flow rate	m ³ /h	35	57	65	44	70	80
Maximum level of vacuum	-kPa	30	64	88	30	64	88
Final pressure	abs. mbar	700	360	120	700	360	120
Supply pressure	bar	1	2	3	1	2	3
Optimal supply pressure	bar			3			3
Air consumption	NI/s	5.5	8.3	11.0	6.6	9.9	13.2
Temperature of use	°C			-20 / +100			-20 / +100
Noise level at optimal supply pressure	dB(A)			68			70
Weight	Kg			1.90			1.92
Spare parts		PVP 60 MDX / MDXLP			PVP 75 MDX / MDXLP		
Sealing kit and reed valves	item	00 KIT PVP 60 MDX			00 KIT PVP 75 MDX		
Vacuum gauge	item	09 03 15			09 03 15		
Pressure gauge	item	09 03 25			09 03 25		
Silencer	item	SSX 1"			SSX 1"		

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)

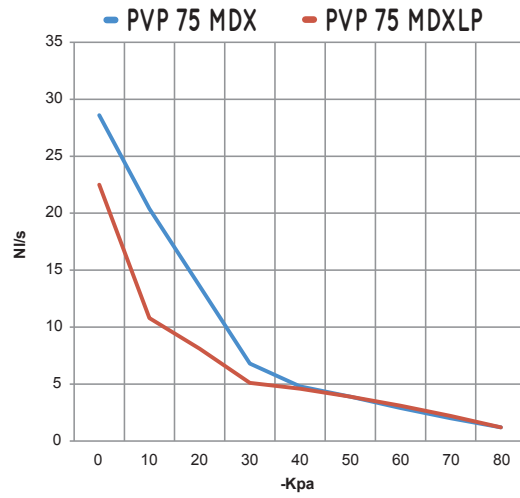
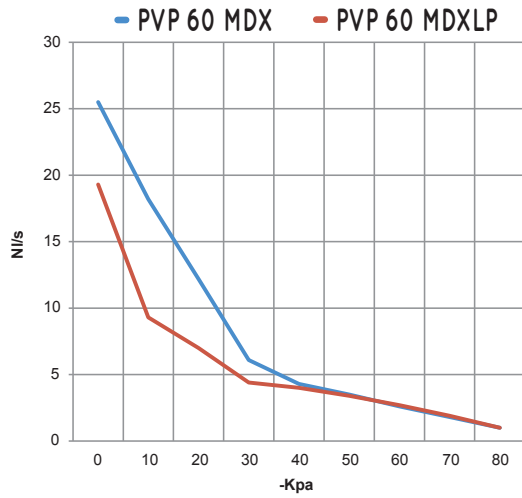
inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130



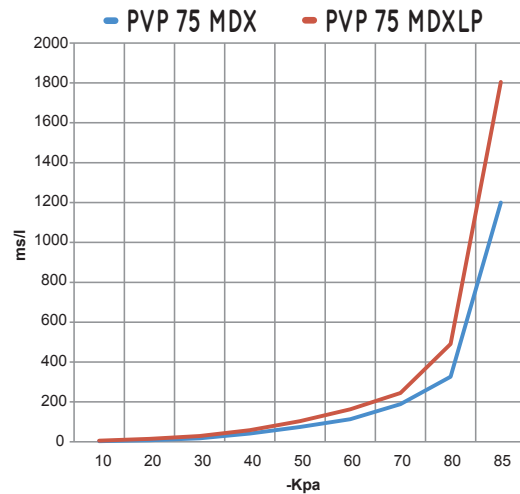
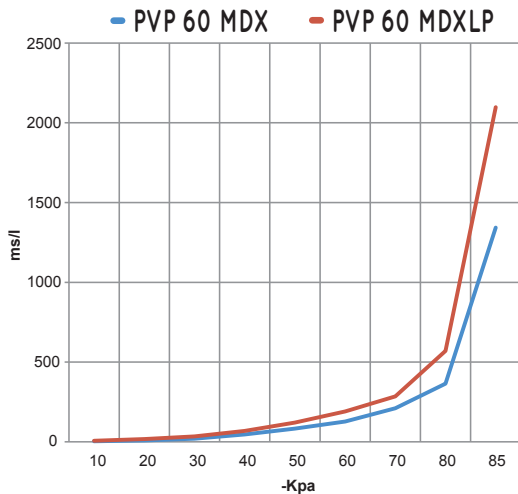
MULTI-STAGE VACUUM GENERATORS PVP 60 and PVP 75 MDX / MDXLP

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 vacuum levels (-KPa) at optimal supply pressure										Max vacuum -KPa
			0	10	20	30	40	50	60	70	80		
PVP 60 MDX	6.0	8.2	25.5	18.2	12.2	6.1	4.3	3.5	2.6	1.8	1.0	90	
PVP 75 MDX	6.0	9.8	28.6	20.4	13.6	6.8	4.8	3.9	2.9	2.0	1.2	90	
PVP 60 MDXLP	3.0	11.0	19.3	9.3	7.0	4.4	4.0	3.4	2.7	1.9	1.0	88	
PVP 75 MDXLP	3.0	13.2	22.5	10.8	8.1	5.1	4.6	3.9	3.1	2.2	1.2	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/m ³) at different levels of vacuums (-KPa) at optimal supply pressure										Max vacuum -KPa
			10	20	30	40	50	60	70	80	85		
PVP 60 MDX	6.0	8.2	3.5	8.8	19.3	46.4	83.0	127.0	211.0	365.0	1343	90	
PVP 75 MDX	6.0	9.8	3.1	7.8	17.2	41.4	74.2	113.5	188.4	326.0	1200	90	
PVP 60 MDXLP	3.0	11.0	6.6	16.8	34.0	68.0	120.3	190.0	285.0	570.0	2098	88	
PVP 75 MDXLP	3.0	13.2	5.7	14.5	29.2	58.4	103.4	163.4	245.0	490.3	1805	88	