

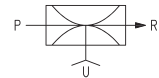
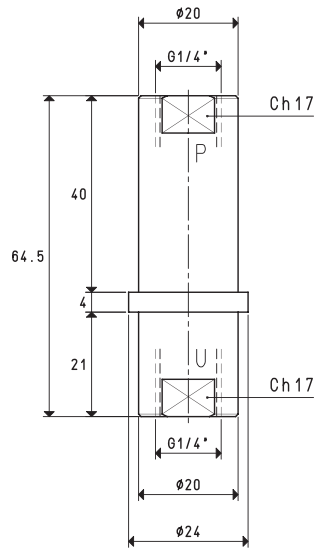
IN-LINE SINGLE-STAGE VACUUM GENERATORS PVP 1

This new range of vacuum generators also exploits the Venturi principle. Their distinctive feature compared with traditional vacuum generators are the two air and vacuum supply connections located in-line, while the exhaust connection of the sucked and exhaust air is orthogonal to them and it is located on the on the generator circumference.

These vacuum generators are easy to disassemble, thus allowing visibility and access to all the components. The advantages of these generators include reduced overall dimensions, easy maintenance and easy assembly to the vacuum cup supports or to the vacuum cup holders.

As a standard, they are equipped with pressed stainless steel suction filtre and a special microfibre silencer, which is wrapped around the exhaust connection, making them particularly silent.

They are fully made with anodised aluminium.



3D drawings available at www.vuototecnica.net

	P=COMPRESSED AIR CONNECTION	R=EXHAUST	U=VACUUM CONNECTION	PVP 1	
Art.					
Quantity of sucked air			cum/h	0.9	1.0
Max. vacuum level			-kPa	60	80
Final pressure			mbar abs.	400	200
Supply pressure			bar (g)	3	4
Air consumption			NI/s	0.5	0.6
Working temperature			°C		-20 / +80
Noise level			dB(A)		62
Weight			g		44
Spare parts					
Silencer			art.		00 15 114
Suction filtre			art.		SP 1/4 I

Note: All the vacuum data indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and are obtained with a constant supply pressure.

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

GAS-NPT thread adapters available at page 1.117

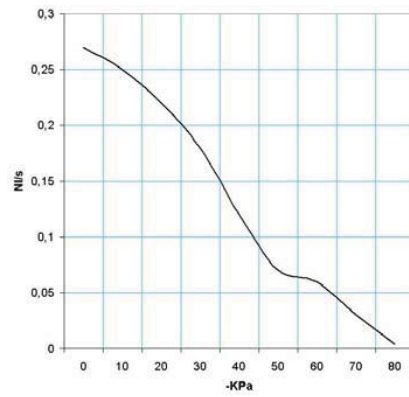


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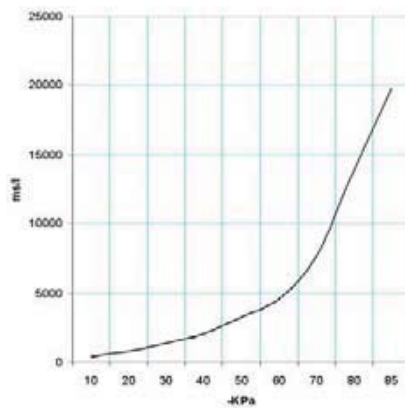
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Air capacity (Nl/s) at different vacuum levels (-Kpa)



Generator art.	Supply press. bar (g)	Air consumption Nl/s	Air capacity (Nl/s) at different vacuum levels (-KPa)										Max. vacuum level -KPa
			0	10	20	30	40	50	60	70	80	80	
PVP 1	5.0	0.8	0.27	0.25	0.22	0.18	0.12	0.07	0.06	0.03	0.004	85	

Evacuation time (ms/l=s/m³) at different vacuum levels (-Kpa)



Generator art.	Supply press. bar (g)	Air consumption Nl/s	Evacuation time (ms/l = s/m³) at different vacuum levels (-KPa)										Max. vacuum level -KPa
			10	20	30	40	50	60	70	80	85		
PVP 1	5.0	0.8	393	786	1336	2057	3312	4605	7690	13935	19787	85	

