

MULTI-STAGE VACUUM GENERATORS PVP 40 ÷ 300 M

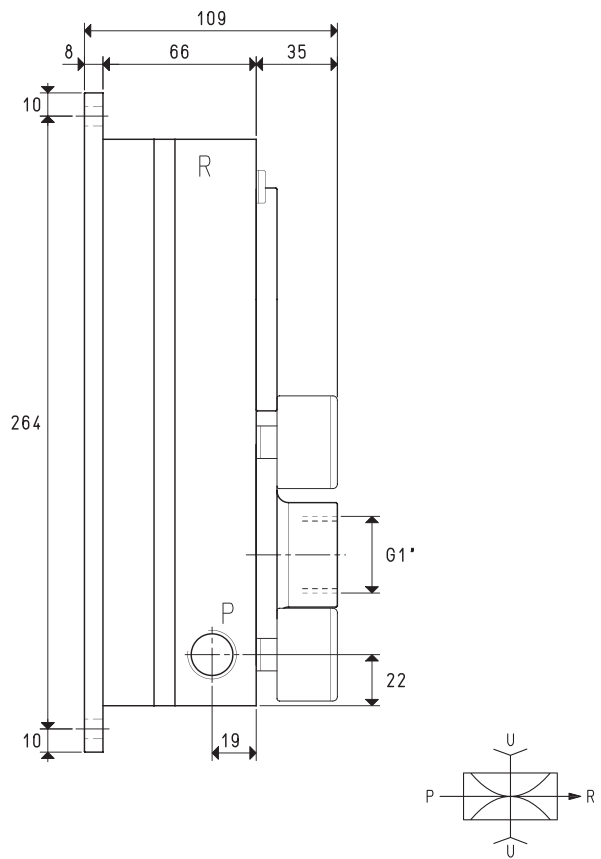
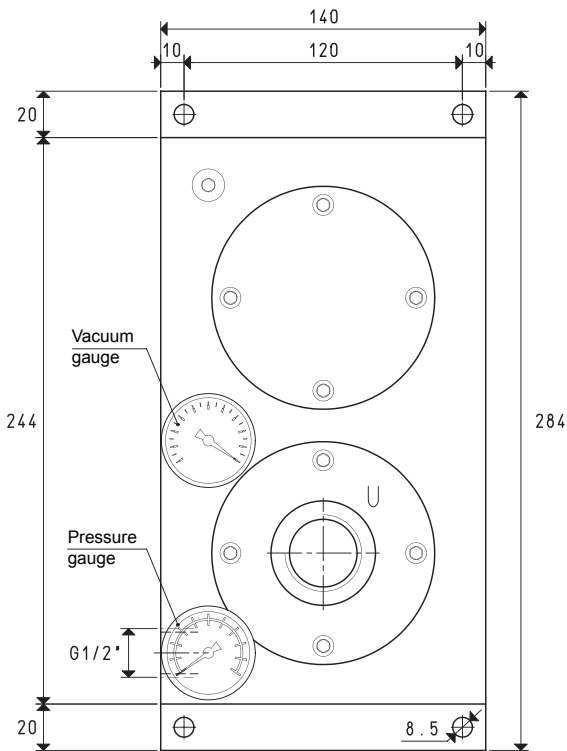
This new range of multi-stage vacuum generators have been designed to be assembled onto OCTOPUS vacuum systems and represents a true evolution of traditional vane vacuum pumps. They feature state of the art ejectors and boast an excellent ratio between the consumed and the sucked air to the benefit of operative consumption. They also allow adjusting the vacuum level and capacity according to the air supply pressure.

When designing these vacuum generators, our focus was on noise; In fact, they are free of moving parts subject to vibrations and wear and they are perfectly soundproofed, therefore, their operation is particularly silent.

Moreover, their operation being based on Venturi's principle, they do not develop heat.

The light alloys used to make them have allowed a considerable reduction of their weight.

A good filtration of the compressed air supply and of the sucked one allows discharging air free from oil vapours, water condensation and impurities and reducing maintenance to a simple regular filtre cleaning.



P=COMPRESSED AIR CONNECTION

R=EXHAUST

U=VACUUM CONNECTION

Art.		PVP 40 M			PVP 70 M			PVP 100 M		
Max. quantity of sucked air	cum/h	36	39	42	65	73	80	88	98	108
Max. vacuum level	-KPa	65	82	90	65	82	90	65	82	90
Final pressure	mbar abs.	350	180	100	350	180	100	350	180	100
Supply pressure	bar (g)	4	5	6	4	5	6	4	5	6
Air consumption	NI/s	2.3	2.7	3.2	4.9	5.7	6.6	7.2	8.5	9.8
Working temperature	°C	-20 / +80			-20 / +80			-20 / +80		
Noise level	dB(A)	67			68			70		
Weight	Kg	4.2			4.2			4.2		
Spare parts										
Sealing kit e disc valves	art.	00 KIT PVP 40 M			00 KIT PVP 70 M			00 KIT PVP 100 M		
Vacuum gauge	art.	09 03 15			09 03 15			09 03 15		
Pressure gauge	art.	09 03 25			09 03 25			09 03 25		

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.

By adding the letter R to the article, the generator will be supplied with a built-in check valve (E.g.: PVP 40 MR).

3D drawing available at www.vuotecnica.net