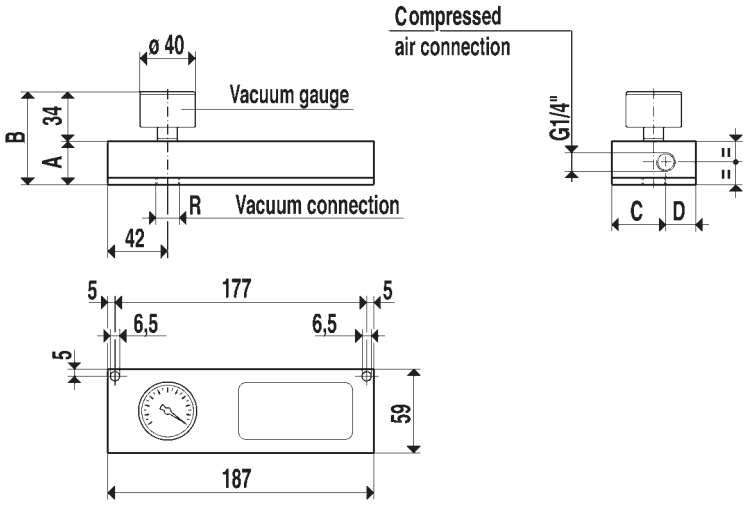
[Vacuum generators PVP 12M and 25M]



These vacuum generators fed by compressed air at an optimum pressure of 4 ÷ 6 bar, can produce a maximum depression of 90%, equal to a final vacuum of 100 mbar, with a suction capacity of 12 ÷ 25 cum/h at the normal atmospheric pressure. Depending on the suction capacity, they are made up of one or two sets of ejectors based on the Venturi principle.

The innovation of these generators consists in the exploitation of the kinetic energy of the feeding compressed air through several ejectors on line, properly sized, before releasing it into the atmosphere.

With the same suction capacity, this system allows a lower compressed air consumption compared to the traditional ejectors.

They are completely made in anodized aluminium.

Art.		PVP 12M	PVP 25M
Supply pressure	bar (g)	4 5 6	4 5 6
Maximum vacuum level	-KPa	65 85 90	65 85 90
Final pressure	mbar (a)	350 150 100	350 150 100
Air consumption	Nl/s	1.2 1.4 1.6	2.4 2.8 3.2
Vacuum air flow	cum/h	12 13.5 15	21 23 25
Working temperature	°C	-20/+80	-20/+80
Weight	Kg	0.600	0.880
A		31	52
B		65	86
C		38	29.5
D		21	29.5
R	ø gas	3/8"	3/8"

N.B.: All the vacuum values shown in the table are valid at normal atmospheric pressure of 1013 mbar (a) and obtained with a constant supply pressure.