



[Vacuum generators]

Vacuum generators operate using the Venturi principle.

When feeding the generator with compressed air in port P, a depression is produced at connection U and at point R the feeding air with the sucked air is released.

By interrupting to feed P, the vacuum effect in U stops.

The described vacuum generators are generally used for moving by means of cups non-porous objects or on equipment where the capacity and the vacuum degree requirements are very low.

Art.		15 01 10	15 03 10
Vacuum air flow	cum/h	2.3	5
Maximum vacuum level	-KPa	80	85
Final pressure	mbar (a).	200	150
Supply pressure	bar (g)	4÷6	4÷6
Max supply pressure	bar (g)	7	7
Air consumption at 6 bar	NI/s	1.6	1.8
Working temperature	°C	-20/+80	-20/+80
Weight	Kg	0.140	0.300
A		62	76
B		30	30
C		30	35
D		7	5
E		37	22.6
F		25	53.4
G	∅	5.5	5.5
H	∅ gas	1/4"	1/2"
I		20	21.5
L		9	5
M	∅ gas	1/4"	1/4"
N	∅ gas	1/4"	3/8"
O		4.5	---

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.