



### Working principle

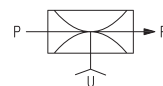
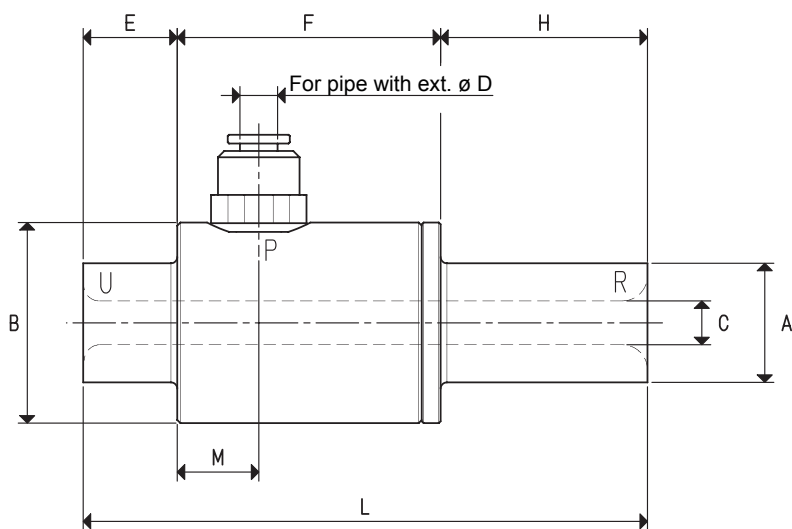
The compressed air supply blown into a ring chamber concentric to the device, flows at a very high speed towards the centre of the main pipe, thus forming a cyclonic effect. The latter creates a vacuum inside the device and leads a great volume of air towards its outlet. Therefore, a variation of the air supply pressure will modify the vacuum level and the amount of sucked air.

### Features

The special shape of these adjustable vacuum generators, as well as their straight-flow working principle allow sucking and transferring products of various nature with no interference. In fact, Vacuum Jet flow generators are suited for transferring powders, granulated products, sawdust, metal chips, dry or liquid food products, etc. They are also recommended for controlling vacuum cups in presence of large amounts of dust or liquids, as well as for sucking fumes, cooling mists, water and oil condensation, etc. The absence of moving parts allows for a continuous use without developing heat.

Available in anodised aluminium and stainless steel.

Thanks to all these features, a good filtration of the compressed air supply will be sufficient to make these devices fully maintenance-free.



P=COMPRESSED AIR CONNECTION

R=EXHAUST

U=VACUUM CONNECTION

Art.		CX 7	CX 10
Max. quantity of sucked air at 6 bar (g)	cum/h	12.0	28.0
Max. quantity of blown air at 6 bar (g)	cum/h	17.6	51.4
Max. vacuum level	-KPa	15	22
Final pressure	mbar abs.	850	780
Max pressione di alimentazione	bar (g)	6	6
Air consumption at 6 bar (g)	NI/s	1.5	6.5
Working temperature	°C	-20 / +80	-20 / +80
Noise level	dB(A)	75	84
Weight	g	110	104
A	∅	19	19
B	∅	32	32
C	∅	7	10
D	∅	6	6
E		15	15
F		42	42
H		33	33
L		90	90
M		13	13

**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 I to the article, the generator will be supplied in the stainless steel version (E.g.: CX 10 I).