FLOW GENERATOR VACUUM JET

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

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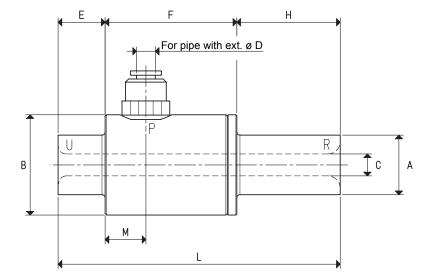
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The special shape of these adjustable vacuum generators, as well as their straightflow working principle allow sucking and transferring products of various nature with no interference. In fact, Vacuum Jet flow generators are suited for transferring 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.





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P=COMPRESSED AIR CONNECTION	R=EXHAUST	U=VACUUM CONNECTION	01/ 10
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
4	Ø	19	19
B	Ø	32	32
C	Ø	7	10
D	Ø	6	6
E		15	15
F		42	42
н		33	33
L		90	90
M		13	13

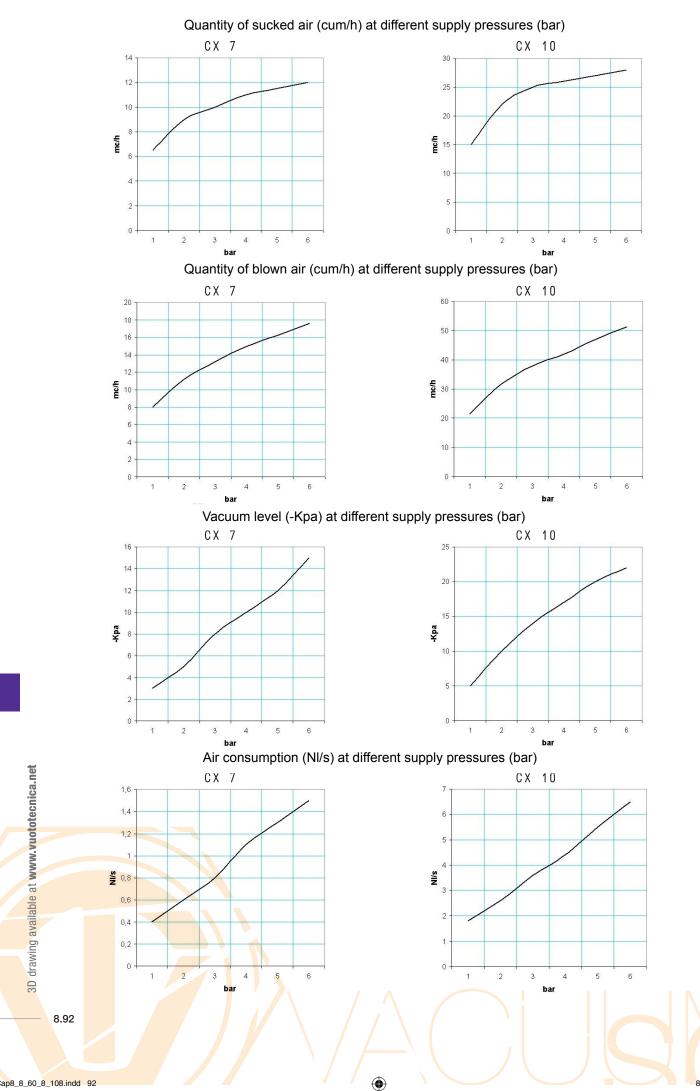
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$ GAS-NPT thread adapters available at page 1.117 8.91

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FLOW GENERATOR VACUUM JET, CX 7 and CX 10



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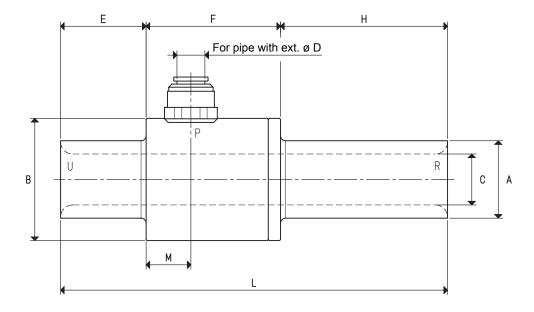
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FLOW GENERATOR VACUUM JET, CX 13 and CX 19



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P=COMPRESSED AIR CONNECTION	R=EXHAUST	U=VACUUM CONNECTION	0
Art.		CX 13	CX 19
Max. quantity of sucked air at 6 bar (g)	cum/h	50.0	92.0
Max. quantity of blown air at 6 bar (g)	cum/h	73.7	134.0
lax. vacuum level	-KPa	18	16
inal pressure	mbar abs.	820	840
Max pressione di alimentazione	bar (g)	6	6
Air consumption at 6 bar (g)	NI/s	6.6	11.6
Norking temperature	°C	-20 / +80	-20 / +80
loise level	dB(A)	88	92
Neight	g	280	500
4	Ø	25	32
3	Ø	45	54
;	Ø	13	19
)	Ø	8	10
		30	43
F		55	65
4		55	82
L		140	190
M		18	22

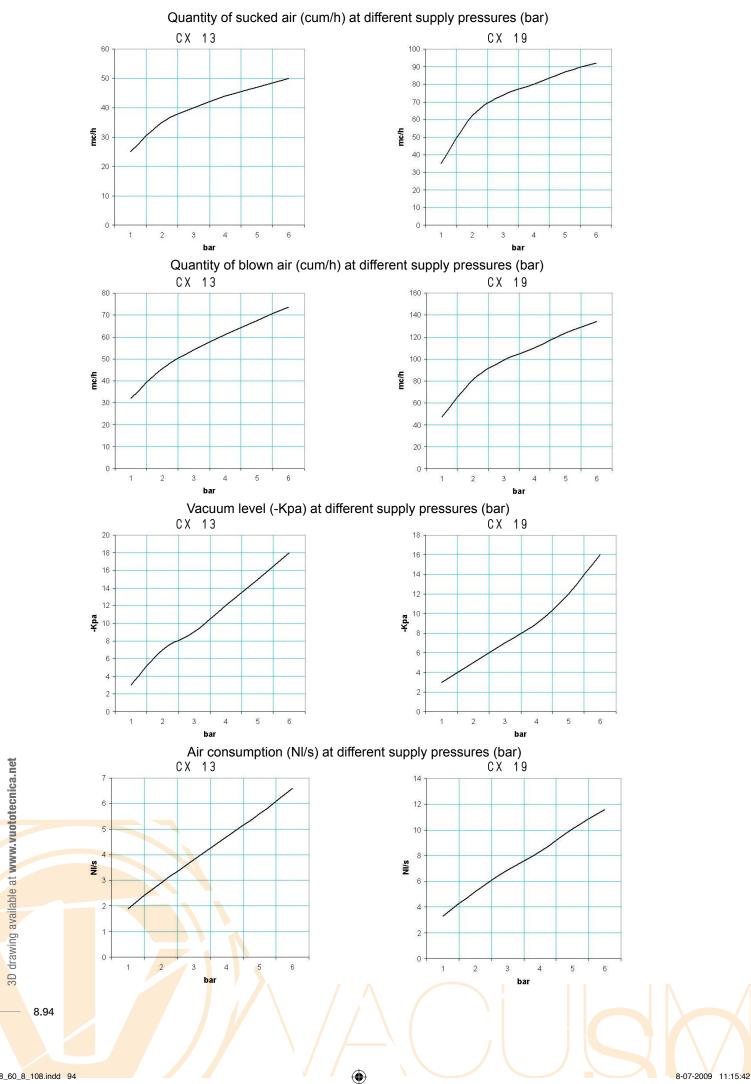
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$ GAS-NPT thread adapters available at page 1.117 8.93

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FLOW GENERATOR VACUUM JET, CX 13 and CX 19

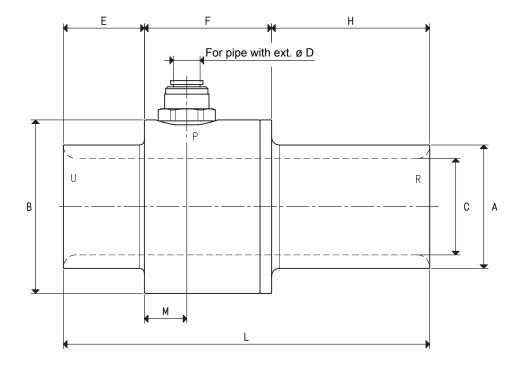


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FLOW GENERATOR VACUUM JET, CX 25, CX 38 and CX 50



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P=COMPRESSED AIR CONNECTION	R=EXHAUST	U=VACUUM CONNECTION		U
Art.		CX 25	CX 38	CX 50
Nax. quantity of sucked air at 6 bar (g)	cum/h	150	310	405
lax. quantity of blown air at 6 bar (g)	cum/h	210	400	525
lax. vacuum level	-KPa	13	10	8
inal pressure	mbar abs.	870	900	920
Max. supply pressure	bar (g)	6.0	6.0	6.0
\ir consumption at 6 bar (g)	NI/s	16.6	25.0	33.3
Vorking temperature	°C	-20 / +80	-20 / +80	-20 / +80
loise level	dB(A)	100	103	103
Veight	g	560	800	1090
l l	Ø	38	51	54
1	Ø	60	75	90
	Ø	25	38	50
	Ø	10	12	16
		42	42	42
:		66	66	66
l		82	82	82
		190	190	190
И		22	22	22

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 8.95

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