

PG - Air Cannon

PG air cannons prevents the formation of bridges and rat holes thanks to the high pressure air jet which is blown inside the silos or hoppers on which it is installed.

The air jet is parallel to the internal wall of the silo, in this way the materials with an irregular shape, dry and light, flow down without any accumulation.



PG - AIR CANNON

APPLICATION	Hopper and silo
POWDER	Large size, irregular shape, fibrous dust and flakes
PROBLEM SOLVING	Bridge, rat-holing and incomplete clean out

FEATURES

DUTY CYCLE	Discontinuous
WORKING PRESSURE	From 3 bar to 6 bar (from 43 psi to 87 psi)
PNEUMATIC CIRCUIT	Filter + flow control valve
AIR SUPPLY QUALITY	Class 5.4.1.
WORKING TEMPERATURE	From -20 °C to 80 °C (from -4 °F to 176 °F)
MAX NOISE LEVEL	105 dB (a)
TECHNOLOGY	High pressure jet
MATERIAL	Aluminium body, steel plate and aluminium head

OPTIONS

TIMER	Adjustable from 30 sec to 45 min
MULTI-TENSION COILS	From 24v (Ac/Dc) to 230v
FULLY PNEUMATIC KIT	Available
ELECTRONIC BOARD AND EXTENSION	To control up to 15 cannons

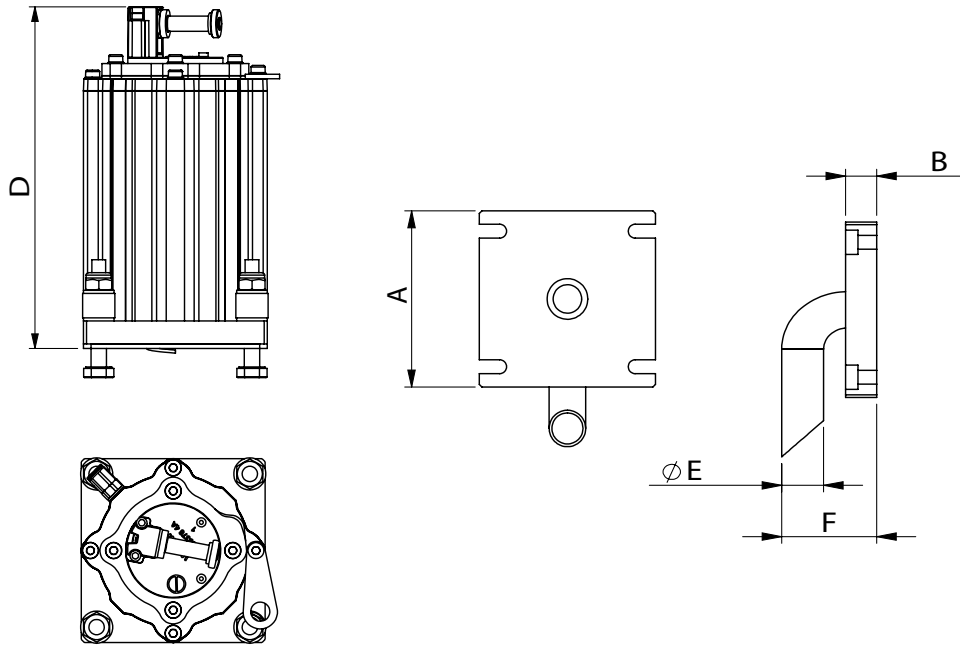
NOTE: Dimensions with coarse degree of accuracy related to UNI 22768/1

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AIR CONSUMPTION

Model	(L per cycle)				I Ø Pipe		Air inlet
	3 bar	43 psi	6 bar	87 psi	mm	in	BSPP
	PG 40	2.6		4.6		8	0.3
PG 63	6.4		11.6		8	0.3	1/4" BSPP
PG 80	12.5		21		8	0.3	1/4" BSPP

DIMENSIONAL SPECIFICATIONS

Model	Drawing	A		B		D		E	F		Weight	
		mm	in	mm	in	mm	in	Ø	mm	in	Kg	lb
		PG 40	U	130	5.12	20	0.78	223	8.77	27	61	2.40
PG 63	U	163	6.41	20	0.78	263	10.35	42	88	3.46	14	30.86
PG 80	U	200	7.87	25	0.98	318	12.52	48	104	4.09	21	46.30

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AERATORS

AIR JET

PNEUMATIC LINEAR

PNEUMATIC ROTARY

ELECTRIC

HYDRAULIC