

Silvent Safety Air Guns



PART CODE	Length	Size
SIL-501-L	30mm	1/4" BSPP

Silvent 501-L

SILVENT 501-L: fitted with a new generation of zinc Laval nozzle. A mix of divergent slots and holes surround the central Laval orifice, providing quiet, powerful and laminar air flow. This safety air gun is especially suitable for sweeping large areas or general-purpose cleaning of parts and machines. The fin design of the nozzle prevents direct contact with skin.

Noise reduction	69%
Air/cost savings	43%

SPECIFICATIONS

	SI units	US units
Blowing force	3.4 N	12.0 oz
Air consumption	17 Nm ³ /h	10.0 scfm
Sound level	78 dB(A)	
Blowing pattern	Laval	
Connection	G 1/4"	1/4" -18 NPT
Connection type	Female	
Material	Zinc	
Weight	0.146 kg	0.322 lbs
Max temp	70 °C	158 °F
Max operating pressure	0.7 MPa	100.0 psi

Benefits

Replace open pipe	4 mm	5/32 inch
Noise reduction [dB(A)]	17 dB(A)	69 %
Air/cost savings [Nm ³ /h]	13 Nm ³ /h	43 scfm
Meet the EU Machine directives	Yes	

Blowing properties at different pressures

SI units (kPa)	200	400	600	800	1000
Blowing force (N)	1.4	2.7	4.0	5.3	6.8
Air consumption (Nm ³ /h)	8.5	13.8	20.1	26.4	32.2
Sound level (dB(A))	70.0	75.5	78.7	83.6	86.0
US units (psi)	40	60	80	100	120
Blowing force (oz)	6.9	10.0	13.1	16.3	20.0
Air consumption (scfm)	6.5	8.3	11.0	13.5	16.0
Sound level (dB(A))	72.7	75.8	78.5	82.1	84.3