

Silvent Safety Air Guns



PART CODE	Size
SIL-755-L	1/2" BSPP

Silvent 755-L

SILVENT 755-L: with a stainless steel Laval nozzle. A core stream traveling at supersonic speed surrounded by a protective sheath of air moving parallel to the central jet makes optimal use of your compressed air. Around the Laval orifice there are divergent slots that generate a quiet, powerful and laminar air stream. The blowing force is approximately 5 times that of an ordinary air gun. Despite the high blowing force, both the noise level and air consumption are low. This safety air gun is frequently used in the glass industry, paper mills, foundries, steel mills etc.

Noise reduction	73%
Air/cost savings	49%

SPECIFICATIONS

	SI units	US units
Blowing force	16.0 N	3.5 lbs
Air consumption	94 Nm ³ /h	55.3 scfm
Sound level	92.6 dB(A)	
Blowing pattern	Laval	
Connection	G 1/2"	1/2" -14 NPT
Connection type	Female	
Material	Stainless steel	
Weight	0.487 kg	1.074 lbs
Max temp	70 °C	158 °F
Max operating pressure	0.7 MPa	100.0 psi

Benefits

Replace open pipe	10 mm	3/8 inch
Noise reduction [dB(A)]	19 dB(A)	73 %
Air/cost savings [Nm ³ /h]	91 Nm ³ /h	49 scfm
Meet the EU Machine directives	Yes	

Blowing properties at different pressures

SI units (kPa)	200	400	600	800	1000
Blowing force (N)	6.5	13.1	20.2	27.1	33.9
Air consumption (Nm ³ /h)	43.1	78.0	111.2	145.8	181.1
Sound level (dB(A))	86.0	91.2	94.0	96.1	97.6
US units (psi)	40	60	80	100	120
Blowing force (oz)	32.1	48.6	66.0	83.3	99.9
Air consumption (scfm)	33.1	47.1	60.7	74.8	89.9
Sound level (dB(A))	89.3	91.6	93.7	94.3	95.6