



SILVENT 007-L

SILVENT 007-L with a Laval nozzle is the most commonly chosen alternative. A stainless steel Laval nozzle mounted onto the 007 grip handles nearly any blowing application. A Laval orifice in the center of the nozzle creates a highly concentrated air stream that moves at supersonic speed. Around the Laval hole there are a number of diverging slots that generate a powerful, quiet and laminar airflow. The combination provides superior cleaning performance and optimal utilization of the compressed air. Fins prevent direct contact between skin and the outlet holes. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.

Noise reduction

60%

Air/cost savings

27%

SPECIFICATIONS

	SI units	US units
Blowing force	3.5 N	12.4 oz
Blowing force, variable	1.6 N	5.6 oz
Air consumption	22 Nm ³ /h	12.9 scfm
Air consumption, variable	11 Nm ³ /h	6.5 scfm
Sound level	82 dB(A)	
Sound level, variable	75 dB(A)	
Blowing pattern	Laval	
Connection	G 1/4"	1/4"-18 NPT
Connection type	Female	
Material	Stainless steel	
Weight	0.186 kg	0.410 lbs
Max temp	70 °C	158 °F
Max operating pressure	1.0 MPa	143.0 psi

Benefits

Replace open pipe	4 mm	5/32 inch
Noise reduction [dB(A)]	13 dB(A)	60 %
Air/cost savings [Nm ³ /h]	8 Nm ³ /h	27 scfm
OSHA	Yes	
Meet the EU Machine directives	Yes	

Blowing properties at different pressures

SI units (kPa)	200	400	600	800	1000
Blowing force (N)	1.4	2.8	4.2	5.5	6.9
Air consumption (Nm ³ /h)	11.0	18.3	25.6	32.5	37.2
Sound level (dB(A))	71.5	78.0	83.9	86.6	88.7
US units (psi)	40	60	80	100	120

Blowing force (oz)	7.0	10.4	13.8	17.2	20.6
Air consumption (scfm)	8.4	11.1	13.9	16.6	19.4
Sound level (dB(A))	74.9	79.4	82.5	85.0	87.0

Extension pipes in 6 lengths

- standard - 100 mm (4")
- 250 mm (10")
- 400 mm (16")
- 600 mm (24")
- 800 mm (32")
- 1000 mm (40")

Our 007 safety air gun series is available with six different extension pipe lengths. The pipes are made of galvanized steel. When ordering safety guns with extension pipes that are longer than 100 mm (4"), specify the pipe length last in the order number. Safety gun-extension pipe length: e.g. 007-L-1000.
