




SILVENT 500-L

SILVENT 500-L: with a stainless steel Laval nozzle. A Laval hole in the center of the nozzle creates a highly concentrated air stream that moves at supersonic speed. Around the Laval hole there are also a number of diverging slots that generate a powerful, quiet and laminar air flow. The combination provides superior cleaning performance and optimal utilization of the compressed air. Fins prevent direct contact between skin and the outlet holes. Blowing force 4.2 N (14.8 oz).

Noise reduction

67%

Air/cost savings

47%

SPECIFICATIONS

	SI units	US units
Blowing force	4.2 N	14.8 oz
Air consumption	25 Nm ³ /h	14.7 scfm
Sound level	83 dB(A)	
Blowing pattern	Laval	
Connection	G 1/4"	1/4" -18 NPT
Connection type	Female	
Material	Stainless steel	
Weight	0.142 kg	0.313 lbs
Max temp	70 °C	158 °F
Max operating pressure	1.0 MPa	143.0 psi

Benefits

Replace open pipe	5 mm	3/16 inch
Noise reduction [dB(A)]	16 dB(A)	67 %
Air/cost savings [Nm ³ /h]	22 Nm ³ /h	47 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)	1.7	3.3	4.9	6.4	7.8
Air consumption (Nm ³ /h)	12.0	20.7	28.9	37.2	44.4
Sound level (dB(A))	73.7	80.8	85.2	88.2	90.1
US units (psi)	40	60	80	100	120
Blowing force (oz)	8.4	12.2	16.0	19.8	23.6
Air consumption (scfm)	9.2	12.6	15.9	19.3	22.6
Sound level (dB(A))	77.2	81.4	84.3	86.6	88.5