



Silvent 220 F

SILVENT 220 F - 280 F: nozzle mounted on a bendable Flexblow hose. Keeps desired position, even at high pressure. Available in 6 different standard lengths. The Flexblow hose has a 1/4" male connection thread. Same performance as 920 A.

SPECIFICATIONS

	SI units	US units
Blowing force	5.5 N	1.2 lbs
Air consumption	30 Nm³/h	17.7 scfm
Sound level	81 dB(A)	
Blowing pattern	Flat	
Connection	G 1/4"	1/4"-18 NPT
Connection type	Male	
Dimensions	242 mm	9.53 inch
Material	Zinc	
Weight	0.245 kg	0.540 lbs
Max temp	70 °C	158 °F
Max operating pressure	1.0 MPa	143.0 psi

Benefits

Replace open pipe	6 mm	1/4 inch
Noise reduction [dB(A)]	21 dB(A)	77 %
Air/cost savings [Nm³/h]	37 Nm³/h	55 %
Meet the EU Machine directives	Yes	

Blowing properties at different pressures

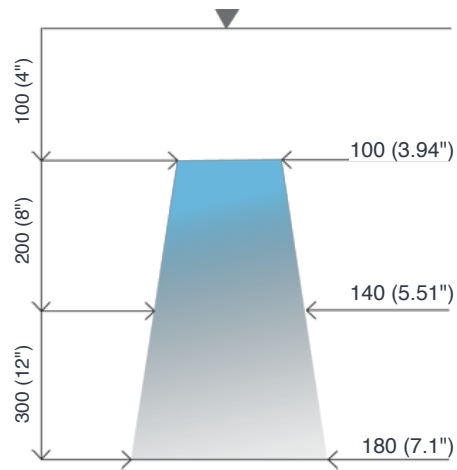
SI units (kPa)	200	400	600	800	1000
Blowing force (N)	2.0	4.3	7.0	9.2	11.4
Air consumption (Nm³/h)	12.0	25.0	38.0	50.1	62.0
Sound level (dB(A))	72.0	79.1	83.3	86.6	88.4
US units (psi)	40	60	80	100	120
Blowing force (oz)	10.4	16.2	22.1	27.8	33.7
Air consumption (scfm)	10.8	15.4	20.0	24.6	29.2
Sound level (dB(A))	75.1	79.3	82.5	85.0	87.0

Air cone patterns and velocity distribution

SI units (mm)	50	100	200	300	400	500
Blowing pattern (width)	80	100	140	180	220	260
Blowing pattern (height)	40	60	100	140	180	220
Velocity (m/s)	122	100	57	40	36	33
US units (inch)	2	4	8	12	16	20
Blowing pattern (width)	3.15	3.94	5.51	7.09	8.66	10.24
Blowing pattern (height)	1.57	2.36	3.94	5.51	7.09	8.66
Velocity (ft/s)	400	328	187	131	118	108

Blowing pattern





Silvent helps manufacturers with energy optimization and improved working environments. The headquarters is in Sweden where all research and development are done. The company has unique expertise in the area of compressed air dynamics. Silvent's air guns, air knives, air nozzles, silencers and customized solutions for blowing with compressed air are used by leading manufacturers, in over 90 countries. Silvent is part of Lifco Group that is listed on Nasdaq Stockholm.