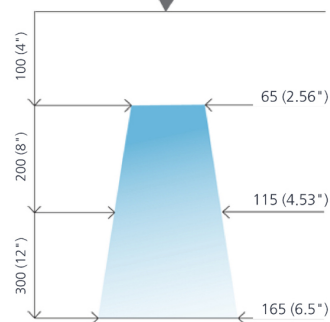




Silvent Air Nozzles



Blowing pattern



PART CODE	Length	Size
SIL-221-L	200mm	3/8" BSPP
SIL-231-L	300mm	3/8" BSPP
SIL-241-L	490mm	3/8" BSPP
SIL-251-L	590mm	3/8" BSPP

Silvent 231 L

SILVENT 221 L - 281 L: allows quick and easy adjustment to the correct blowing angle. Maintains the desired position, even at high pressures. Available in 6 standard lengths. Otherwise, the same performance as 209 L.

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	Ø 9	Ø 9
Dimensions	384xØ85 mm	15.12xØ3.35 inch
Material	Zinc	
Weight	0.873 kg	1.925 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)]	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	83.0	86.0
US units (psi)	40	60	80	100	120
Blowing force (oz)	6.9	10.1	13.0	16.3	20.0
Air consumption (scfm)	6.5	8.4	11.0	13.6	16.0
Sound level (dB(A))	72.5	75.8	78.1	81.6	84.3

Air cone patterns and velocity distribution

SI units (mm)	50	100	200	300	400	500
Blowing pattern (Ø)	40	65	115	165	215	265
Velocity (m/s)	253	206	110	79	57	52
US units (inch)	2	4	8	12	16	20
Blowing pattern (Ø)	1.57	2.56	4.53	6.50	8.46	10.43
Velocity (ft/s)	830	676	361	259	187	171