



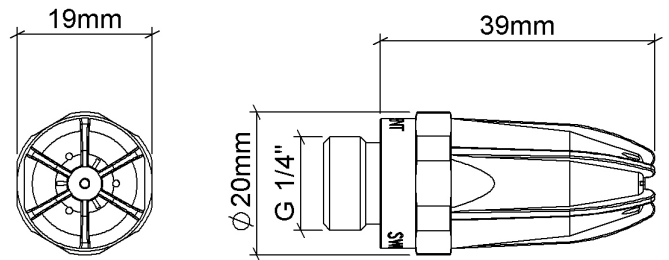
AIR NOZZLE SILVENT 209 L-S

Item number: 02090169145, 02090269145

SILVENT 209 L-S: made of stainless steel with 1/4" male thread. Withstands high ambient temperatures and suitable for applications involving mechanical wear. SILVENT 209 L-S is part of a new generation of patented Laval nozzles. It is a refinement of Silvent's 208 and 209 nozzle series and represents an entirely new phase in blowing technology. The effect is achieved by surrounding a core jet moving at supersonic speed with a protective sheath of air running parallel to the direction of the central stream. There is a mix of divergent slots and holes around the Laval orifice that generates a quiet, powerful and laminar air flow. This nozzle provides extremely efficient blowing that utilizes your compressed air optimally.

Technical data

Replace open pipe Ø (mm)	4
Blowing force (N)	3.4
Air consumption (Nm ³ /h)	17
Sound level (dB(A))	78
Nozzle technology	Laval
Material (nozzle)	1.4404 (316L)
Connection	G 1/4"
Connection type	Male
Weight (kg)	0.0450
Max temp (°C)	400
Max op. pressure (MPa)	1.0



Benefits when replacing an open pipe

Replace open pipe Ø (mm)	4	
Noise reduction	17 [dB(A)]	69%
Energy savings	13 [Nm ³ /h]	43%

Material specification: EN 1.4404, EN 1.4305

Blowing properties at different pressures

Pressure (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

Blowing coverage

Blowing dist. (mm)	Blowing coverage (mm)
50	40
100	65
200	115
300	165
400	215
500	265