InTech

SILVENT 707 L: a stainless steel Laval nozzle.
Compressed air is utilised optimally in this nozzle and its introduction constitutes a new dimension in blowing technology.
The effect is achieved by surrounding a core of air travelling at supersonic speed with a protective sheath of air moving parallel to the central air jet.
The central stream of air in the SILVENT 707 L is generated by a Laval nozzle.
The design of the nozzle converts all of the energy stored in the compressed air into kinetic energy without permitting the air jet to expand laterally after leaving the nozzle.
The protective sheath of air prevents the core stream from being slowed down by the surrounding air and allows it to be utilised at full effect.
This hinders the creation of turbulence and thereby lowers the noise level.

Order no: 707 L

TECHNICAL DATA

Replace open pipe Ø (mm)	12
Blowing force (N)	21.0
Air consumption (Nm³/h)	120
Sound level (dB(A))	94
Nozzle technology	Laval
Material (nozzle)	1.4305 (303)
Connection	G 1/2"
Weight (kg)	0.0500
Max temp (°C)	400
Max op. pressure (MPa)	1.0

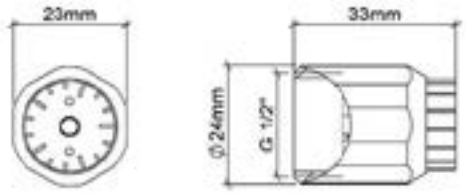
Noise reduction* **78%** **Energy savings*** **55%**

Material specification: EN 1.4305

Blowing dist. (mm)	**Blowing coverage** (mm)
50	95
100	140
200	190
300	235
400	280
500	330

For further information, see page 150 or visit silvent.com.

Dimensions



ALTERNATIVES

707 LA

SILVENT 707 LA: adjustable variation of 707 L. Allows up to 30° blowing angle regulation from the centerline. Time required for installation and fine tuning of the blowing angle is decreased considerably. Same performance as 707 L.

707 L LP

SILVENT 707 L LP has a male ½" BSP connection thread. Otherwise its performance is similar to the 707 L. Size: Ø23x20 mm (Ø0.91x0.79").

SprayNozzle ENGINEERING Total Spraying Solutions

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