

Air Nozzles



InTech

SILVENT 703 L is a stainless steel Laval nozzle. Compressed air is optimally used in this air nozzle, which introduced a whole new dimension to 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 core stream in the 703 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 it has passed through the nozzle. Because of the protective sheath of air, the surrounding air does not slow down the core stream, which can be used to full effect. The gas flow prevents turbulence, thereby lowering noise levels.

Order no: **703 L**

TECHNICAL DATA

Replace open pipe Ø (mm)	8
Blowing force (N)	10.6
Air consumption (Nm³/h)	60
Sound level (dB(A))	91
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* **69%**

Energy savings* **49%**

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

703 LA



SILVENT 703 LA is an adjustable version of the 703 L. The adjustable blowing angle allows a maximum of 30° adjustability around the center line. Otherwise its performance is similar to the 703 L.

703 L LP



SILVENT 703 L LP has a male 1/2" BSP connection thread. Otherwise its performance is similar to the 703 L. Size: Ø23x20 mm (Ø0.91x0.79").