



InTech

SILVENT 710 L: with 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 710 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.

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.

Turbulence is minimised, thereby lowering the noise level.

Order no: **710 L**

TECHNICAL DATA

Replace open pipe Ø (mm)	14
Blowing force (N)	33.0
Air consumption (Nm ³ /h)	216
Sound level (dB(A))	100
Nozzle technology	Laval
Material (nozzle)	1.4305 (303)
Connection	G 3/4"
Weight (kg)	0.2610
Max temp (°C)	400
Max op. pressure (MPa)	1.0

Noise reduction* **73%**

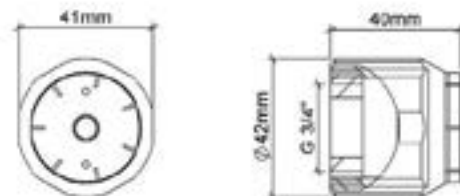
Energy savings* **41%**

Material specification: EN 1.4305

Blowing dist. (mm)	Blowing coverage (mm)
50	140
100	200
200	240
300	280
400	325
500	365

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

Dimensions



ALTERNATIVES

710 LA



SILVENT 710 LA: adjustable variation of 710 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 710 L.

710 L TA



SILVENT 710 L TA is an adjustable version of the 710 L. The adjustable blowing angle allows a maximum of 20° adjustability around the center line. Same built-in dimensions as the 710 L. Otherwise its performance is similar to the 710 L.

710 L LP



SILVENT 710 L LP has a male M36x1.5 connection thread. Otherwise its performance is similar to the 710 L. Size: Ø41x20 mm (Ø1.61x0.79").