InTech

Order no: 705 L

TECHNICAL DATA

Replace open pipe Ø (mm)	10
Blowing force (N)	17.0
Air consumption (Nm³/h)	95
Sound level (dB(A))	93
Nozzle technology	Laval
Material (nozzle)	1.4305 (303)
Connection	G 1/2"
Weight (kg)	0.0510
Max temp (°C)	400
Max op. pressure (MPa)	1.0

Noise reduction* **73%** **Energy savings*** **49%**

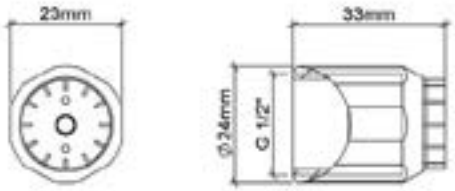
Material specification: EN 1.4305

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.*

SILVENT 705 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 705 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.

Dimensions



ALTERNATIVES

705 LA

SILVENT 705 LA: adjustable variation of 705 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 705 L.

705 L LP

SILVENT 705 L LP has a male ½" BSP connection thread. Otherwise its performance is similar to the 705 L. Size: Ø23x20 mm (Ø0.91x0.79").