InTech

Order no: 735 L

TECHNICAL DATA

Replace open pipe Ø (mm)	25
Blowing force (N)	127.0
Air consumption (Nm³/h)	768
Sound level (dB(A))	109
Nozzle technology	Laval
Material (nozzle)	1.4305 (303)
Connection	G 1"
Weight (kg)	0.6900
Max temp (°C)	400
Max op. pressure (MPa)	1.0

Noise reduction* **78%** **Energy savings*** **34%**

Material specification: EN 1.4305

Blowing dist. (mm)	**Blowing coverage** (mm)
50	200
100	260
200	315
300	370
400	445
500	485

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

SILVENT 735 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 film of air moving parallel to the central air jet.

The central stream of air in the SILVENT 735 L is generated by a Laval nozzle.

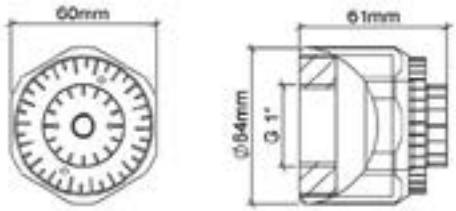
The design of the nozzle converts all of the energy stored in the compressed air into kinetic energy without permitting the air jet to expand laterally after it has passed through the nozzle.

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.

The entire nozzle is made of stainless steel, making it suitable for use in virtually any environment where extra high blowing forces are required, for example, within the paper and manufacturing industries, steel mills and chemical plants.

Dimensions



ALTERNATIVES

735 LA

SILVENT 735 LA: an adjustable Laval nozzle. The nozzle position can be regulated 30° from the centre line, making it easy to fine tune the blowing angle. Compressed air is utilised optimally in this nozzle, and its introduction constitutes a new dimension in blowing technology. Same performance as the 735 L.