InTech

SILVENT 715 L: 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 715 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 sound level.

Order no: 715 L

TECHNICAL DATA

Replace open pipe Ø (mm)	18
Blowing force (N)	54.0
Air consumption (Nm³/h)	312
Sound level (dB(A))	104
Nozzle technology	Laval
Material (nozzle)	1.4305 (303)
Connection	G 3/4"
Weight (kg)	0.2250
Max temp (°C)	400
Max op. pressure (MPa)	1.0

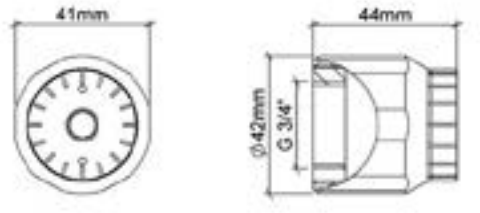
Noise reduction* **75%** **Energy savings*** **48%**

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

715 LA

SILVENT 715 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.

715 L LP

SILVENT 715 L LP has a male M36x1.5 connection thread. Otherwise its performance is similar to the 715 L. Size: Ø41x24 mm (Ø1.61x0.94").