



**Product test possible!**

<b>Replaces open tube</b>	<b>25 mm</b>
<b>Noise reduction</b>	<b>78 %</b>
<b>Air-/ cost savings</b>	<b>34 %</b>
<b>Air pattern</b>	<b>Laval</b>

## Silvent 735L

### Laval nozzle

SILVENT 735 L: with a stainless steel Laval nozzle. Compressed air is utilized optimally in this nozzle, and its introduction constitutes a new dimension in blowing technology. The effect is achieved by surrounding a core of air traveling 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 utilized at full effect. Turbulence is minimized, thereby lowering the sound 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, e.g. within the paper and manufacturing industries, steel mills and chemical plants. Fully complies with EU Machine Directive noise limitations and OSHA safety regulations. Patented.

### Technical data

Item number	717680
Air consumption	768 Nm <sup>3</sup> /h
Air connection	1 "
Sound	109 dB(A)
Material	Stainless steel
Blowing Power	127 N
Dimensions LxWxH	64 x 63 mm