



InTech

SILVENT 780 LA: a stainless steel adjustable Laval nozzle that generates an enormous blowing force. Compressed air is optimally used in this nozzle, which introduced a completely new blowing technology feature. 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 core stream in the SILVENT 780 LA 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 adjustable blowing angle allows a maximum of 30° adjustability around the center line. The time for installation and adjusting to the correct blowing angle is significantly reduced.

Order no: **780 LA**

TECHNICAL DATA

Replace open pipe Ø (mm)	38
Blowing force (N)	270.0
Air consumption (Nm³/h)	1750
Sound level (dB(A))	119
Nozzle technology	Laval
Material (nozzle)	1.4305 (303)
Connection	G 1 1/2 "
Weight (kg)	3.4840
Max temp (°C)	400
Max op. pressure (MPa)	1.0

Noise reduction* **75%**

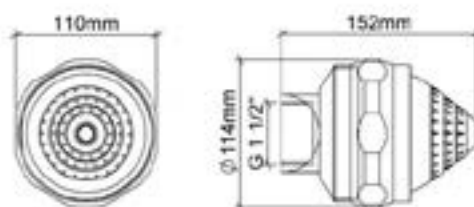
Energy savings* **35%**

Material specification: EN 1.4305

Blowing dist. (mm)	Blowing coverage (mm)
50	160
100	220
200	260
300	300
400	345
500	385

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

Dimensions



ALTERNATIVES

780 L



SILVENT 780 L is a version of the 780 LA that does not allow adjustment of the blowing angle. Otherwise its performance is similar to the 780 LA. Size: (Ø85x102 (Ø3.35x4.02")).