



AIR NOZZLE SILVENT 703 L

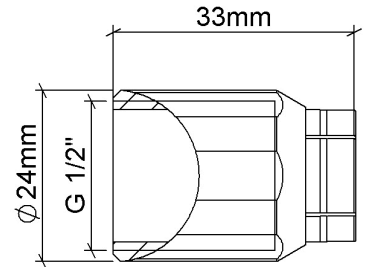
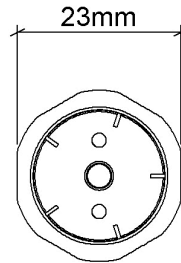
Item number: 07030169400, 07030269400

- **Stainless steel Laval nozzle**

SILVENT 703 L is a stainless steel Laval nozzle. Compressed air is optimally used in this air nozzle, which introduced a whole new dimension to blowing technology. The effect is achieved by surrounding a core of air traveling at supersonic speed with a protective sheath of air moving parallel to the central air jet. The core stream in the 703 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. Because of the protective sheath of air, the surrounding air does not slow down the core stream, which can be used to full effect. The air flow prevents turbulence, thereby lowering noise levels.

Technical data

Replace open pipe Ø (mm)	8
Blowing force (N)	10.6
Air consumption (Nm³/h)	60
Sound level (dB(A))	91
Nozzle technology	Laval
Material (nozzle)	1.4305 (303)
Connection	G 1/2"
Connection type	Female
Weight (g)	50
Max temp (°C)	400
Max op. pressure (MPa)	1.0



Benefits when replacing an open pipe

Replace open pipe Ø (mm)	8	
Noise reduction	17 [dB(A)]	69%
Energy savings	58 [Nm³/h]	49%

Material specification: EN 1.4305

Blowing properties at different pressures

Pressure (kPa)	200	400	600	800	1000
Blowing force (N)	4.3	8.2	13.02	17.2	21.7
Air consumption (Nm³/h)	27.0	48.3	70.1	93.0	114.9
Sound level (dB(A))	87.8	90.0	92.8	95.2	97.2

Blowing coverage (mm)

