



## AIR NOZZLE SILVENT 715 L

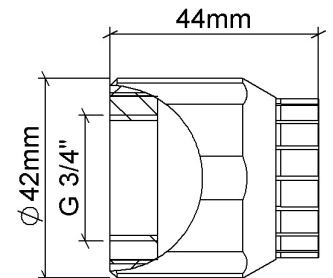
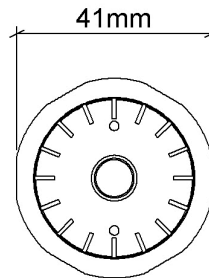
Item number: 07150149374, 07150249374

- **Stainless steel Laval nozzle**

SILVENT 715 L: 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 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 utilized at full effect. Turbulence is minimized, thereby lowering the sound level.

### Technical data

Replace open pipe Ø (mm)	18
Blowing force (N)	54.0
Air consumption (Nm <sup>3</sup> /h)	312
Sound level (dB(A))	104
Nozzle technology	Laval
Material (nozzle)	1.4305 (303)
Connection	G 3/4"
Connection type	Female
Weight (g)	225
Max temp (°C)	400
Max op. pressure (MPa)	1.0



### Benefits when replacing an open pipe

Replace open pipe Ø (mm)	18	
Noise reduction	20 [dB(A)]	75%
Energy savings	287 [Nm <sup>3</sup> /h]	48%

Material specification: EN 1.4305

### Blowing properties at different pressures

Pressure (kPa)	200	400	600	800	1000
Blowing force (N)	24.4	47.3	73.5	98.0	115.1
Air consumption (Nm <sup>3</sup> /h)	165.5	284.8	412.8	535.0	654.8
Sound level (dB(A))	97.9	103.4	107.7	111.2	112.7

### Blowing coverage (mm)

