



**SILVENT 209 L** is part of a new generation of patented Laval nozzles.

It is a refinement of Silvent's 208 and 209 nozzle series and represents an entirely new phase in blowing technology.

The effect is achieved by surrounding a core jet moving at supersonic speed with a protective sheath of air running parallel to the direction of the central stream.

There is a mix of divergent slots and holes around the Laval orifice that generates a quiet, powerful and laminar air flow.

This nozzle provides extremely efficient blowing that utilises your compressed air optimally.

Order no: **209 L**

## TECHNICAL DATA

Replace open pipe Ø (mm)	4
Blowing force (N)	3.4
Air consumption (Nm <sup>3</sup> /h)	17
Sound level (dB(A))	78
Nozzle technology	Laval
Material (nozzle)	Zn
Connection	G 1/4"
Weight (kg)	0.0490
Max temp (°C)	70
Max op. pressure (MPa)	1.0

Noise reduction\* **69%**

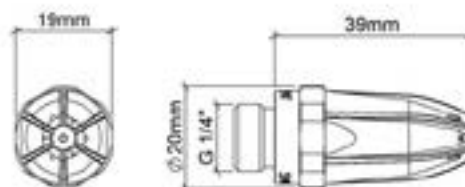
Energy savings\* **43%**

Material specification: Zn ZP0410 EN 12844, CW614N

Blowing dist. (mm)	Blowing coverage (mm)
50	40
100	65
200	115
300	165
400	215
500	265

\*For further information, see page 150 or visit [silvent.com](http://silvent.com).

## Dimensions



## ALTERNATIVES

### 208 L

SILVENT 208 L: made of zinc with 1/4" female thread. Otherwise, the same performance as 209 L.



### 230 L

SILVENT 220 L - 250 L: nozzle mounted on a bendable FlexBlow hose that maintains the desired position, even at high pressures. Silvent's FlexBlow hoses are available in 4 standard lengths with 1/4" male connection thread. Otherwise, the same performance as 209 L.



### 2120 L

SILVENT 2120 L: made of zinc with 1/4" female thread. A somewhat shorter version of 209 L for applications where space is limited. Otherwise, the same performance as 209 L.



### 231 L

SILVENT 221 L - 251 L: allows quick and easy adjustment to the correct blowing angle. Maintains the desired position, even at high pressures. Available in 4 standard lengths. Otherwise, the same performance as 209 L.

