

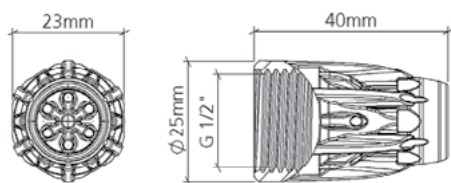
SILVENT X07



- Stainless steel multi-Laval nozzle**

SILVENT X07 is a stainless steel blowing nozzle with patented multi-Laval technology, developed for applications requiring a strong blowing force. The energy saving blowing nozzle is part of Silvent's revolutionary new X-series. The SILVENT X07 has a completely new and innovative design that creates a concentrated jet of air with reduced turbulence, thus enabling a more targeted, effective blowing force. Thanks to the newly patented technology, the air nozzle's design optimizes the air pressure's change from potential energy to aimed concentrated kinetic energy. This allows for maximal use of the air pressure. SILVENT X07 has approximately seven times the blowing force of SILVENT X01. The unique design makes it possible to reduce noise levels during blowing by more than 10dB(A). The blowing nozzle is perfect for environments that demand strong blowing forces, such as steel plants and paper mills.

Dimensions



TECHNICAL DATA

Replace open pipe Ø (mm)	12
Blowing force (N)	22.5
Air consumption (Nm³/h)	120
Sound level (dB(A))	96
Nozzle technology	Multi-Laval
Material (nozzle)	1.4404 (316L)
Connection	G 1/2"
Weight (g)	47
Max temp (°C)	400
Max op. pressure (MPa)	1.0

Noise reduction **20 dB(A)**Energy savings **146 Nm³/h**

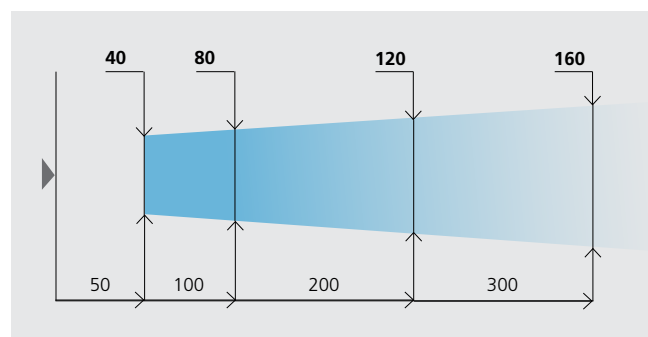
Feed pressure = 500 (kPa)
Material specification: EN 1.4404

Blowing properties at different pressures (kPa)

X07	200	400	600	800	1000
Blowing force (N)	8.7	17.9	27.0	36.2	45.3
Air consumption (Nm³/h)	64.0	101.0	142.0	180.0	219.0
Sound level (dB(A))	92.1	94.4	95.9	96.8	97.2

*For further information, see page 166 or visit silvent.com.

Blowing coverage (mm)



ALTERNATIVES

X07-300



SILVENT X07-300 - X07-500: nozzle mounted on a bendable stainless steel FlexBlow hose that keeps the desired position, even when blowing at high pressure. Available in 3 different standard lengths. The FlexBlow hose has a 1/2" male connection thread. Otherwise, the same performance as X07.

X07 M



SILVENT X07 M has a male 1/2" connection thread. Otherwise its performance is similar to the X07. Size: Ø25x61.5 (Ø0.98x2.42").

ACCESSORIES

**Adjustable Swivel**

PSKM 12. Material: stainless steel.
For more information see page 156.