

# STAINLESS STEEL LAVAL NOZZLE



## REPLACE OPEN PIPE OF DIAMETERS:



18 - 20 mm

23/32" - 3/4"

## BENEFITS

Noise reduction – 13 - 14 dB(A)

Air consumption reduction – 48 - 58 %

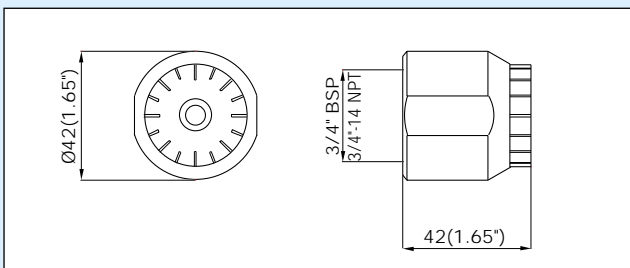
Safety nozzle – Meets OSHA standards

SILVENT 715 L is a 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 the air jet expanding laterally after it has passed through the nozzle. The protective sheath of air around the core stream prevents it from being slowed down by the surrounding air and allows it to be utilized at full effect. This hinders the creation of turbulence and thereby lowers the sound level.

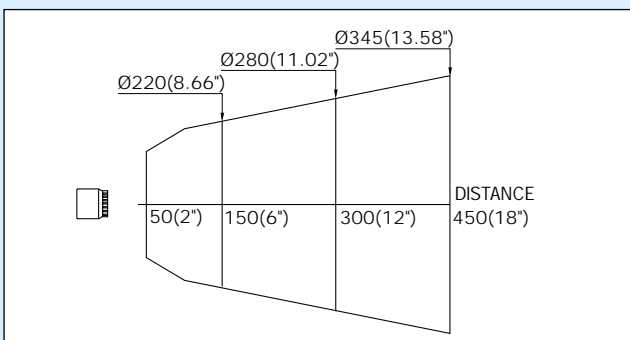
The nozzle is made of stainless steel, which makes it suitable for use in virtually any environment where extra high blowing forces are required, e.g. within the paper and manufacturing industries, steel mills and chemical plants. Patented.

**Fully meets the EU Machine Directive's noise limitation requirements and OSHA's safety regulations.**

## DIMENSIONS



## AIR CONE PATTERN



## PRODUCT INFORMATION

ORDER NO./MODEL	715 L	
Replaces open pipe	mm	18
	"	23/32
Air consumption	Nm <sup>3</sup> /h	312
	scfm	183.8
Sound level	dB(A)	104
Blowing force	N	54.0
	oz	190.6
Max. temp.	°C	-20/+400
	°F	-4/+752
Weight	g	225
	lbs	0.50
Nozzle material	Stainless steel	

Further information in tab: Technical specifications.

Max. operating pressure: 1.0 MPa (143 psi)