



AIR NOZZLE SILVENT 971

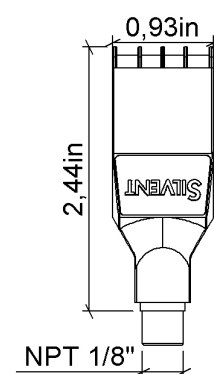
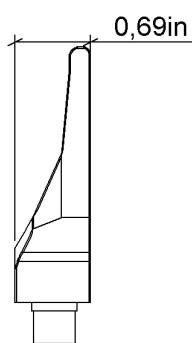
Item number: 09710139189, 09710239189

- **Stainless steel flat nozzle**

SILVENT 971: flat nozzle of stainless steel. Meets virtually every demand industry places upon a modern air nozzle. The design of the nozzle creates an air stream with a broader striking surface - clearly an advantage when wide objects must be dried, sorted or cleaned. Capable of withstanding high ambient temperatures and corrosive chemical environments, as well as satisfying the hygienic requirements of the food processing industry.

Technical data

Replace open pipe Ø (inch)	5/32
Blowing force	13.4 oz
Air consumption (scfm)	12.4
Sound level (dB(A))	81
Nozzle technology	Slot
Material (nozzle)	1.4404 (316L)
Connection	NPT 1/8"
Connection type	Male
Weight (lbs)	0.110
Max temp. (°F)	752
Max op. pressure (psi)	145



Benefits when replacing an open pipe

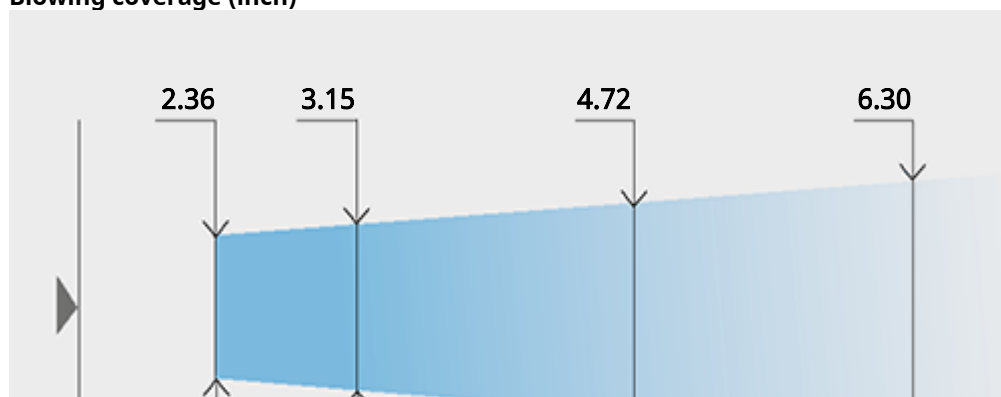
Replace open pipe Ø (inch)	5/32	
Noise reduction	14 [dB(A)]	62%
Energy savings	5.3 [scfm]	30%

Material specification: EN 1.4404

Blowing properties at different pressures

Pressure (psi)	40	60	80	100	120
Blowing force (oz)	7.8	11.5	16.2	18.8	22.4
Air consumption (scfm)	7.9	10.8	13.7	16.6	19.5
Sound level (dB(A))	75.3	79.2	82.0	84.1	85.9

Blowing coverage (inch)





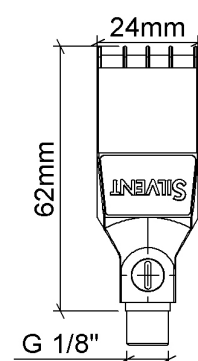
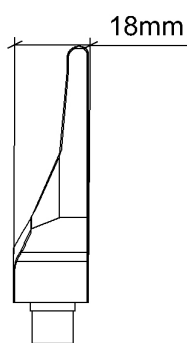
AIR NOZZLE SILVENT 971 F

Item number: 09710139190, 09710239190

SILVENT 971 F: with built-in flow regulation. Allows optimal utilization of compressed air. Adjusting the blowing force minimizes both energy consumption and the noise level. Otherwise, the same performance as 971.

Technical data

Replace open pipe Ø (mm)	4
Blowing force (N)	3.8
Air consumption (Nm ³ /h)	21
Sound level (dB(A))	81
Nozzle technology	Slot
Material (nozzle)	1.4404 (316L)
Connection	G 1/8"
Connection type	Male
Weight (g)	56
Max temp (°C)	400
Max op. pressure (MPa)	1.0



Benefits when replacing an open pipe

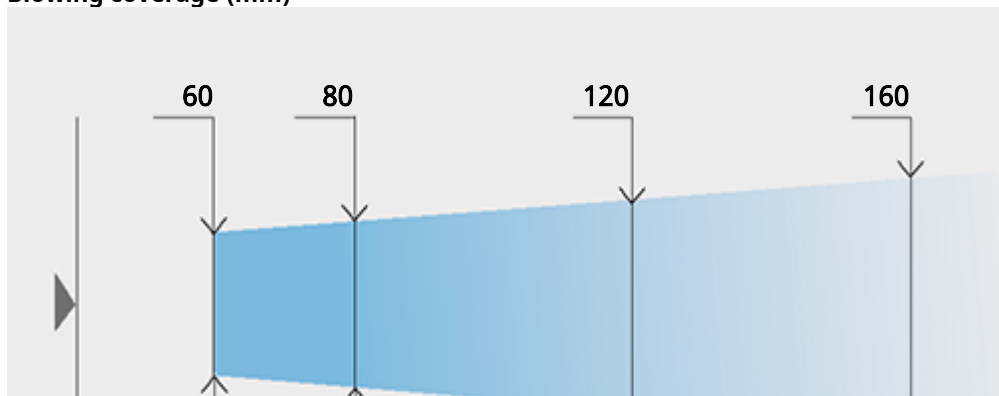
Replace open pipe Ø (mm)	4	
Noise reduction	14 [dB(A)]	62%
Energy savings	9 [Nm ³ /h]	30%

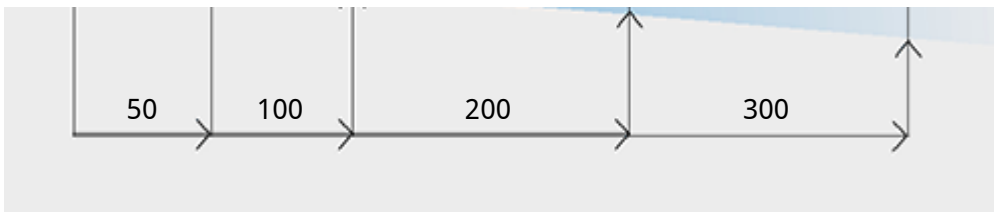
Material specification: EN 1.4404, EN 1.4305

Blowing properties at different pressures

Pressure (kPa)	200	400	600	800	1000
Blowing force (N)	1.6	3.1	4.6	6.0	7.5
Air consumption (Nm ³ /h)	10.5	17.9	24.7	31.7	38.8
Sound level (dB(A))	71.7	79.3	82.7	85.4	87.4

Blowing coverage (mm)







AIR NOZZLE SILVENT 973

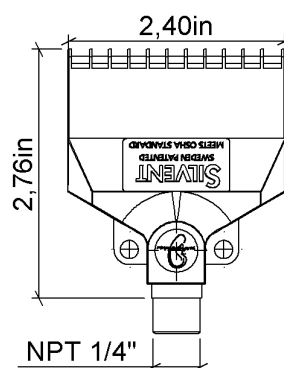
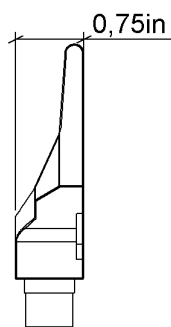
Item number: 09730139194, 09730239194

- **Stainless steel flat nozzle**

SILVENT 973: extra-broad flat nozzle of stainless steel. Meets virtually every demand industry places upon a modern air nozzle. The design of the nozzle creates an air stream with a broader striking surface - clearly an advantage when wide objects must be dried, sorted or cleaned. Capable of withstanding high ambient temperatures and corrosive chemical environments, as well as satisfying the hygienic requirements of the food processing industry.

Technical data

Replace open pipe Ø (inch)	9/32
Blowing force	2.1 lbs
Air consumption (scfm)	34.1
Sound level (dB(A))	86
Nozzle technology	Slot
Material (nozzle)	1.4404 (316L)
Connection	NPT 1/4"
Connection type	Male
Weight (lbs)	0.260
Max temp. (°F)	752
Max op. pressure (psi)	145



Benefits when replacing an open pipe

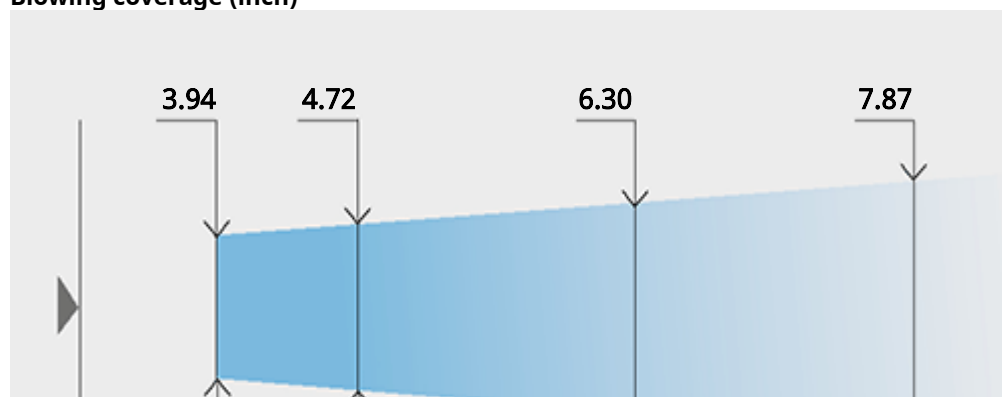
Replace open pipe Ø (inch)	9/32	
Noise reduction	19 [dB(A)]	73%
Energy savings	20.0 [scfm]	37%

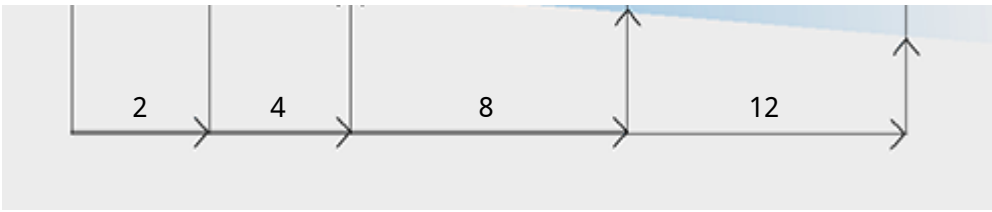
Material specification: EN 1.4404

Blowing properties at different pressures

Pressure (psi)	40	60	80	100	120
Blowing force (oz)	19.7	28.9	38.0	47.2	56.4
Air consumption (scfm)	21.9	29.8	37.7	45.6	53.6
Sound level (dB(A))	80.2	84.2	87.0	89.2	91.0

Blowing coverage (inch)







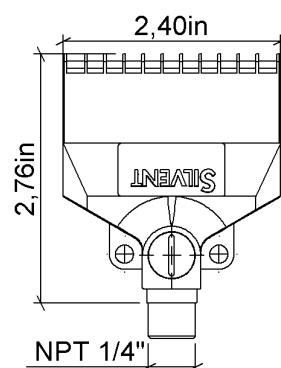
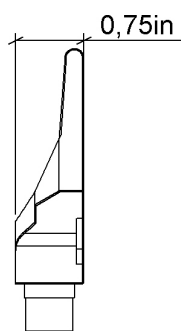
AIR NOZZLE SILVENT 973 F

Item number: 09730139195, 09730239195

SILVENT 973 F: with built-in flow regulation. Allows optimal utilization of compressed air. Adjusting the blowing force minimizes both energy consumption and the noise level. Otherwise, the same performance as 973.

Technical data

Replace open pipe Ø (inch)	9/32
Blowing force	2.1 lbs
Air consumption (scfm)	34.1
Sound level (dB(A))	86
Nozzle technology	Slot
Material (nozzle)	1.4404 (316L)
Connection	NPT 1/4"
Connection type	Male
Weight (lbs)	0.287
Max temp. (°F)	752
Max op. pressure (psi)	145



Benefits when replacing an open pipe

Replace open pipe Ø (inch)	9/32	
Noise reduction	19 [dB(A)]	73%
Energy savings	20.0 [scfm]	37%

Material specification: EN 1.4404, EN 1.4305

Blowing properties at different pressures

Pressure (psi)	40	60	80	100	120
Blowing force (oz)	19.7	28.9	38.0	47.2	56.4
Air consumption (scfm)	21.9	29.8	37.7	45.6	53.6
Sound level (dB(A))	80.2	84.2	87.0	89.2	91.0

Blowing coverage (inch)

