

Air Knives

SILVENT 396



• Air knife (zinc)

SILVENT 392 - 396: air knife with 920 A flat nozzles and a specially designed aluminum manifold. Air knives have been installed in a wide range of industrial applications. Cooling rollers, drying tobacco, drying parts, blow-off of emulsions, etc. are but a few.

TECHNICAL DATA	392	394	396
Blowing force (N)	11.0	22.0	33.0
Air consumption (Nm³/h)	60	120	180
Sound level (dB(A))	84	87	89
Nozzle technology	Slot	Slot	Slot
Material (nozzle)	Zn	Zn	Zn
Connection	G 3/8"	G 3/8"	G 3/8"
Weight (g)	360	695	1005
Max temp (°C)	70	70	70
Max op. pressure (MPa)	1.0	1.0	1.0

Noise reduction **27 dB(A)** Energy savings **86 Nm³/h**

Feed pressure = 500 (kPa)

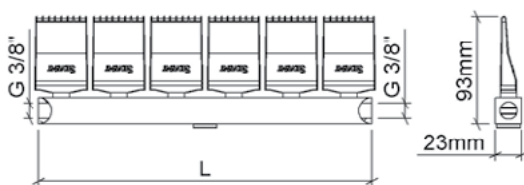
Material specification: EN AW 6063, Zn ZP0410 EN 12844, CW614N, NBR 70

Blowing properties at different pressures (kPa)

	200	400	600	800	1000
392					
Blowing force (N)	4.0	8.6	14.0	18.4	22.8
Air consumption (Nm³/h)	24.0	50.0	76.0	100.2	124.0
Sound level (dB(A))	75.0	82.1	86.3	89.6	91.4
394					
Blowing force (N)	8.0	17.2	28.0	36.8	45.6
Air consumption (Nm³/h)	48.0	100.0	152.0	200.4	248.0
Sound level (dB(A))	78.0	85.1	89.3	92.6	94.4
396					
Blowing force (N)	12.0	25.8	42.0	55.2	68.4
Air consumption (Nm³/h)	72.0	150.0	228.0	300.6	372.0
Sound level (dB(A))	79.8	86.9	91.1	94.4	96.2

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

Dimensions



392: L=90 mm; **394:** L=190 mm; **396:** L=290 mm

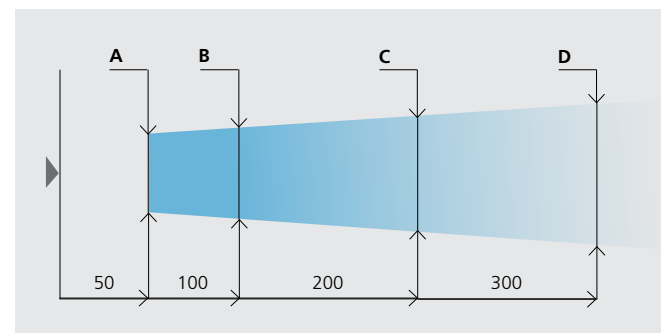
ACCESSORIES



Mounting Brackets

3302. For use with Silvent's air knives and air curtains. For more information see page 161.

Blowing coverage (mm)



	A	B	C	D
392	130	150	190	230
394	230	250	290	330
396	330	350	390	430