

Air Knives

SILVENT 378



Stainless steel air knife

SILVENT 372 - 378: robust stainless steel air knife with 973 nozzles and a specially designed manifold. Made entirely of stainless steel and thereby suitable for even the most demanding applications, such as those involving aggressive chemical environments, high ambient temperatures or the stringent requirements of the food processing industry.

TECHNICAL DATA	372	374	378
Blowing force (N)	19.0	38.0	76.0
Air consumption (Nm³/h)	116	232	464
Sound level (dB(A))	89	92	95
Nozzle technology	Slot	Slot	Slot
Material (nozzle)	1.4404 (316L)	1.4404 (316L)	1.4404 (316L)
Connection	G 1"	G 1"	G 1"
Weight (g)	875	1545	2865
Max temp (°C)	400	400	400
Max op. pressure (MPa)	1.0	1.0	1.0

Noise reduction **31 dB(A)** Energy savings **276 Nm³/h**

Feed pressure = 500 (kPa)

Material specification: EN 1.4301, EN 1.4404

Blowing properties at different pressures (kPa)

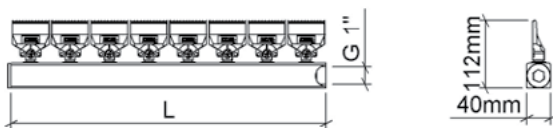
372	200	400	600	800	1000
Blowing force (N)	8.0	15.8	23.0	30.4	37.8
Air consumption (Nm³/h)	58.4	98.0	135.8	174.4	213.0
Sound level (dB(A))	79.7	87.0	90.6	93.5	95.6

374	200	400	600	800	1000
Blowing force (N)	16.0	31.6	46.0	60.8	75.6
Air consumption (Nm³/h)	116.8	196.0	271.6	348.8	426.0
Sound level (dB(A))	82.7	90.0	93.6	96.5	98.6

378	200	400	600	800	1000
Blowing force (N)	32.0	63.2	92.0	121.6	151.2
Air consumption (Nm³/h)	233.6	392.0	543.2	697.6	852.0
Sound level (dB(A))	85.7	93.0	96.6	99.5	101.6

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

Dimensions



372: L=130 mm; **374:** L=260 mm; **378:** L=520 mm

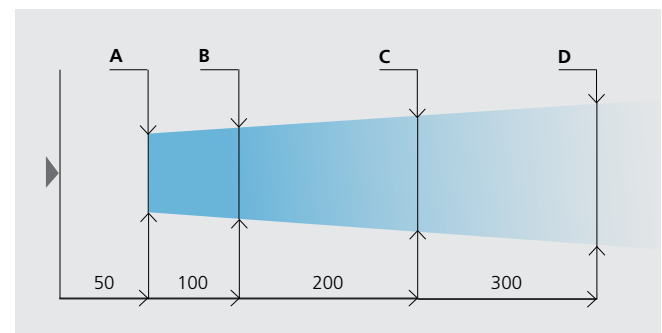
ACCESSORIES



Mounting Brackets

M1E. For use with Silvent's air knives and air curtains. For more information see page 161.

Blowing coverage (mm)



	A	B	C	D
372	165	185	225	265
374	295	315	355	395
378	555	575	615	655