



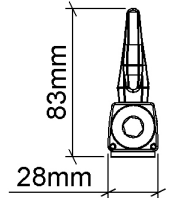
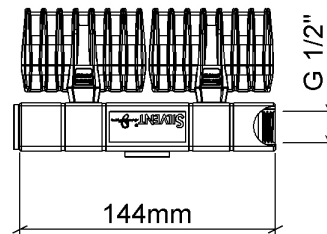
AIR KNIFE SILVENT 310 Z+

Item number: 03100169403, 03100269403

SILVENT 310 Z+ is a modular, energy-efficient air knife that generates an extremely strong and effective blowing force with an exceptionally low sound level. Compressed air is optimally used in this air knife. Its unique design introduced a completely new blowing technology feature. The aerodynamic nozzle design achieves the effect by maximizing entrainment of air. Each orifice is also uniquely designed to optimize the entrainment area. SILVENT 310 Z+ modules can easily be combined to achieve the desired length of the air knife (see SILVENT A 12 in accessories).

Technical data

Blowing force (N)	30.0
Air consumption (Nm ³ /h)	152.0
Sound level (dB(A))	90
Nozzle technology	Slot
Material (nozzle)	ZYTEL
Connection	G 1/2"
Connection type	Female
Weight (kg)	0.2500
Max temp (°C)	180
Max op. pressure (MPa)	1.0



Benefits when replacing an open pipe

Replace open pipe Ø (mm)	12	
Noise reduction	26 [dB(A)]	84%
Energy savings	114 [Nm ³ /h]	43%

Material specification: EN 1.0718, CW614N, Zytel HTN FG52G35 HSL BK011, ZYTEL HTN54G35HSLR BK031, Desmopan 487, EN1.4310

Blowing properties at different pressures

Pressure (kPa)	200	400	600	800	1000
Blowing force (N)	13.4	24.8	36.2	47.6	59.0
Air consumption (Nm ³ /h)	80	128	176	224	272
Sound level (dB(A))	81	87.5	91.1	93.3	94.7

Blowing coverage

Blowing dist. (mm)	Blowing coverage (mm)
50	172
100	192
200	232
300	272
400	312
500	352