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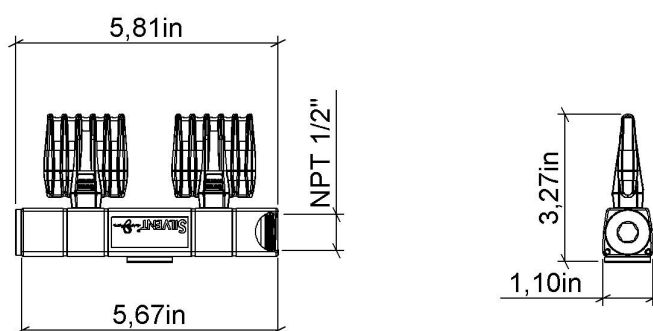
AIR KNIFE SILVENT 304 Z+

Item number: 03040169404, 03040269404

SILVENT 304 Z+ is a version of the 310 Z+ that is used for applications that require less blowing force. The SILVENT 304 Z+ provides an air cone diameter of 192 mm (7.61") at a blowing distance of 150 mm (6"). The blowing force is 12.0 N (2.6 lbs.).

Technical data

Blowing force	2.6 lbs
Air consumption (scfm)	35.3
Sound level (dB(A))	83
Nozzle technology	Slot
Material (nozzle)	ZYTEL
Connection	NPT 1/2"
Connection type	Female
Weight (lbs)	0.507
Max temp. (°F)	356
Max op. pressure (psi)	145



Benefits when replacing an open pipe

Replace open pipe Ø (inch)	9/32	
Replace open pipe Ø (inch)	9/32	
Noise reduction	22 [dB(A)]	78%
Energy savings	18.8 [scfm]	35%

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

Blowing properties at different pressures

Pressure (psi)	40	60	80	100	120
Blowing force (oz)	26.2	37	47.6	58.4	69
Air consumption (scfm)	23	31	39	47	55
Sound level (dB(A))	77.7	81.6	84.2	86.4	88.1

Blowing coverage

Blowing dist. (inch)	Blowing coverage (inch)
2	5.98
4	6.77
8	8.34
12	9.92
16	11.49
20	13.07

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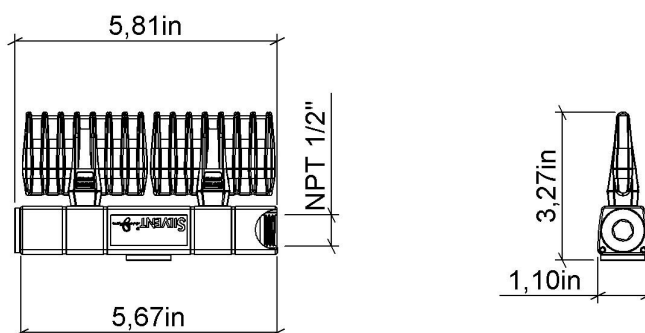
AIR KNIFE SILVENT 310 Z+

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	6.6 lbs
Air consumption (scfm)	89.5
Sound level (dB(A))	90
Nozzle technology	Slot
Material (nozzle)	ZYTEL
Connection	NPT 1/2"
Connection type	Female
Weight (lbs)	0.551
Max temp. (°F)	356
Max op. pressure (psi)	145



Benefits when replacing an open pipe

Replace open pipe Ø (inch)	1/2	
Replace open pipe Ø (inch)	1/2	
Noise reduction	26 [dB(A)]	84%
Energy savings	67.1 [scfm]	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 (psi)	40	60	80	100	120
Blowing force (oz)	60	88	116	144	172
Air consumption (scfm)	56	76	96	116	136
Sound level (dB(A))	83	86.8	89.6	91.7	93.5

Blowing coverage

Blowing dist. (inch)	Blowing coverage (inch)
2	6.77
4	7.56
8	9.13
12	10.71
16	12.28
20	13.86