

MODULAR AIR KNIFE SYSTEM

SILVENT 310 Z+ and SILVENT 304 Z+ can easily be assembled together. All that is needed is the accessory SILVENT A 12. It has never been easier to make an air knife that fits your specific application.



310 Z+										
310 Z+	Blowing force		Noise level	Connections	Blowing pattern					
Number	N	(lbs)	dB(A)	Number	100 (4")		200 (8")		300 (12")	
1	30.0	(6.6)	90	1	192	(7.56")	232	(9.13")	272	(10.71")
2	60.0	(13.2)	93	2	336	(13.23")	376	(14.80")	416	(16.38")
3	90.0	(19.9)	95	3	480	(18.90")	520	(20.47")	560	(22.05")
4	120.0	(26.5)	96	3	624	(24.57")	664	(26.14")	704	(27.72")
5	150.0	(33.1)	97	4	768	(30.24")	808	(31.81")	848	(33.39")
6	180.0	(39.7)	98	5	912	(35.91")	952	(37.48")	992	(39.06")
7	210.0	(46.3)	98	6	1056	(41.57")	1096	(43.15")	1136	(44.72")

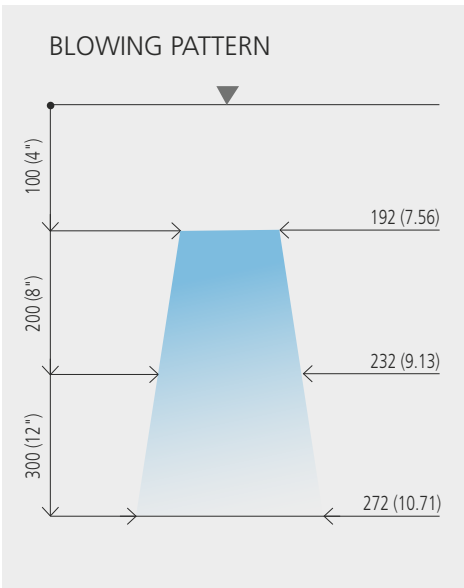
304 Z+										
304 Z+	Blowing force		Noise level	Connections	Blowing pattern					
Number	N	(lbs)	dB(A)	Number	100 (4")		200 (8")		300 (12")	
1	12.0	(2.6)	83	1	172	(6.77")	212	(8.35")	252	(9.92")
2	24.0	(5.3)	86	1	316	(12.44")	356	(14.02")	396	(15.59")
3	36.0	(7.9)	88	1	460	(18.11")	500	(19.69")	540	(21.26")
4	48.0	(10.6)	89	2	604	(23.78")	644	(25.35")	684	(26.93")
5	60.0	(13.2)	90	2	748	(29.45")	788	(31.02")	828	(32.60")
6	72.0	(15.9)	91	2	892	(35.12")	932	(36.69")	972	(38.27")
7	84.0	(18.5)	91	2	1036	(40.79")	1076	(42.36")	1116	(43.94")

New!

AIR KNIVES



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). Fully compliant with EU Machinery Directive noise limits and OSHA safety regulations. Patented.



Order no: 310 Z+

Replace open pipe Ø	12 mm	(1/2")
Blowing force	30.0 N	(6.6 lbs)
Air consumption	152.0 Nm ³ /h	(89.5 scfm)
Sound level	90 dB(A)	
Blowing pattern	Flat	
Connection	G 1/2"	1/2"-14 NPT
Dimensions	153x28x80	(6.02x1.10x3.15")
Material	Zytel	
Max temp	180°C	(356 °F)

30.0 N
6.6 lbs

FLAT

ZYTEL

For more technical information, see page 146 or visit our website at silvent.com.

Noise reduction 84% **Air/cost savings 43%**

ALTERNATIVES



Order no: **304 Z+**

ACCESSORIES



Order no: **3902**



Order no: **KVM 12**



Order no: **A 12**



Order no: **SR 34**