



MAXUMIZER® AIR KNIVES



There are many types of air knives and slotted tubes on the market to choose from, but it is well known that “Tear Drop” designs are the most efficient. The Maximizer Air Knife is a new and progressive design which uses a series of converging and laminar flow chambers to optimize efficiency, and maximize blow-off force.

Another advance inside Maxum’s air knife design, is that the adjusting hardware is located in a large and separate mechanical chamber, far away from the outlet orifice. This hardware change, along with a unique outlet design, maximizes airflow for blow-off and drying applications. Single, dual, and middle air inlet configurations are all available.



A unique design with numerous benefits:

- Stainless Steel construction
- Adjustable continuous outlet slot
- Multiple integrated mounting positions
- Improved high efficiency “Tear Drop” design



CFM output per linear foot at pressure

Nominal Flow cfm/foot @55"H2O	AK Code	inches water (psi) (slot size)	15	30	45	55	65	75	83	90	100	110
			(0.5) <i>* light blow-off *</i>	(1.1)	(1.6)	(2.0) <i>* general drying & blow-off *</i>	(2.3)	(2.7)	(3.0)	(3.2) <i>* strong blow-off *</i>	(3.6)	(4.0)
25	025	(0.010"gap)	13	18	22	25	27	29	30	32	33	35
50	050	(0.020"gap)	26	37	45	49	54	58	61	63	67	70
75	075	(0.030"gap)	39	55	67	74	81	87	91	95	100	105
100	100	(0.040"gap)	52	73	90	99	108	116	122	127	133	140
125	125	(0.050"gap)	65	91	112	124	134	144	152	158	167	175
150	150	(0.060"gap)	78	110	134	148	161	173	182	190	200	210
175	175	(0.070"gap)	90	128	157	173	188	202	213	222	233	245
200	200	(0.080"gap)	103	146	179	198	215	231	243	253	267	280
225	225	(0.090"gap)	116	164	201	223	242	260	274	285	300	315
250	250	(0.100"gap)	129	183	224	247	269	289	304	316	334	350
275	275	(0.110"gap)	142	201	246	272	296	318	334	348	367	385
300	300	(0.120"gap)	155	219	269	297	323	347	365	380	400	420

How To Order

① SELECT THE MODEL CODE

Inlet Type	Model Codes*	
	2"	3"
Single End	KA20	KAB0
Dual End	KA21	KAB1
Single Middle	KA22	KAB2

② SELECT THE AK CODE FROM THE TABLE ABOVE

③ SELECT THE OPERATING LENGTH OF THE AIR KNIFE IN INCHES
(Example 24" = 024)

EXAMPLE: KA20 100 024

① MODEL CODE
② AK CODE
③ LENGTH

*Models listed are stainless steel / EPDM

