

Registers & Grilles - Steel



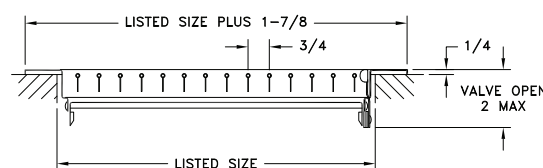
821

- All-steel construction
- Vertical adjustable face bars
- Horizontal multi-shutter valve
- Bright White finish

821 Available Sizes (in.)												
HT	WIDTH											
	6	8	10	12	14	16	18	20	24	30	36	
4	X	X	X	X	X	X	X	X	X	X		
5			X	X	X							
6	X	X	X	X	X	X	X	X	X	X	X	
8		X	X	X	X	X	X	X	X	X	X	
10			X	X	X	X	X	X	X	X	X	
12				X	X	X	X	X	X	X	X	
14					X	X	X	X	X	X	X	
16						X	X	X	X	X		
18							X	X	X	X		
20								X				
24									X			

Contact factory for sizes not listed.

Note: Screw hole location details on page 119



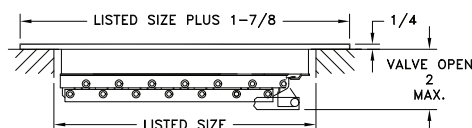
831

- All-steel construction
- Horizontal adjustable face bars
- Vertical valve
- Adjustable multi-shutter valve
- Bright White finish
- 3/4" fin spacing

831 Available Sizes (in.)											
HT	WIDTH										
	8	10	12	14	16	20	24	30	32	36	
4	X	X	X	X	X	X	X	X			
6	X	X	X	X	X	X	X	X			
8		X	X	X	X	X	X	X			
10			X			X	X				
12							X			X	
14						X			X		

Contact factory for sizes not listed.

Note: Screw hole location details on page 119



821, 831, 92 Series and 98VOH (Page 6-8, 11)

Deflection A

Face Velocity	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000
Pressure Loss	.010	.016	.022	.031	.040	.050	.062	.075	.090	.105	.122	.160	.202	.249
8 x 4 CFM	65	80	100	110	130	145	160	175	190	210	225	255	290	320
Ak 160 Throw	6.5	8.0	10.0	11.0	13.0	15.0	16.0	18.0	19.0	21.0	23.0	26.0	29.0	32.0
10 x 4 CFM	80	100	120	140	160	180	200	220	240	265	285	325	365	405
Ak 202 Throw	7.0	9.0	11.0	13.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	29.0	33.0	36.0
12 x 4 CFM	100	120	145	170	195	220	245	270	295	315	340	390	440	490
Ak 244 Throw	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	32.0	36.0	40.0
14 x 4 CFM	115	145	170	200	230	255	285	315	345	370	400	460	515	570
Ak 286 Throw	8.5	11.0	13.0	15.0	17.0	19.0	22.0	24.0	26.0	28.0	30.0	35.0	39.0	43.0
12 x 5 CFM	125	155	190	220	250	280	310	345	375	405	435	500	560	625
Ak 312 Throw	9.0	11.0	14.0	16.0	18.0	20.0	22.0	25.0	27.0	29.0	31.0	36.0	41.0	45.0
10 x 6 CFM	125	155	190	220	250	285	315	345	375	410	440	500	565	630
Ak 314 Throw	9.0	11.0	14.0	16.0	18.0	21.0	23.0	25.0	27.0	30.0	32.0	36.0	41.0	45.0
14 x 5 CFM	145	185	220	255	295	330	365	405	440	475	510	585	660	730
Ak 366 Throw	10.0	12.0	15.0	17.0	20.0	22.0	24.0	27.0	29.0	32.0	34.0	39.0	44.0	49.0
12 x 6 CFM	150	190	225	265	305	340	380	415	455	495	530	605	680	760
Ak 379 Throw	10.0	12.0	15.0	17.0	20.0	22.0	25.0	27.0	30.0	33.0	35.0	40.0	45.0	50.0
16 x 5 CFM	170	210	250	295	335	380	420	460	505	545	585	670	755	840
Ak 419 Throw	11.0	13.0	16.0	18.0	21.0	24.0	26.0	29.0	32.0	34.0	37.0	42.0	47.0	53.0
14 x 6 CFM	180	220	265	310	355	400	445	490	535	575	620	710	800	890
Ak 444 Throw	11.0	13.0	16.0	19.0	22.0	24.0	27.0	30.0	32.0	35.0	38.0	43.0	49.0	54.0
16 x 6 CFM	205	255	305	355	410	460	510	560	610	665	715	815	920	1020
Ak 510 Throw	12.0	15.0	17.0	20.0	23.0	26.0	29.0	32.0	35.0	38.0	41.0	47.0	53.0	58.0
20 x 5 CFM	210	265	315	370	420	475	525	580	630	685	735	840	945	1050
Ak 526 Throw	12.0	15.0	18.0	21.0	23.0	27.0	29.0	32.0	35.0	38.0	41.0	47.0	53.0	59.0
24 x 5 CFM	255	315	380	445	505	570	635	695	760	825	890	1015	1140	1270
Ak 634 Throw	13.0	16.0	19.0	23.0	26.0	29.0	32.0	35.0	39.0	42.0	45.0	52.0	58.0	65.0
20 x 6 CFM	255	320	385	445	510	575	640	705	770	830	895	1015	1140	1270
Ak 640 Throw	13.0	16.0	19.0	23.0	26.0	29.0	32.0	36.0	39.0	42.0	45.0	52.0	58.0	65.0
24 x 6 CFM	310	385	465	540	615	695	770	850	925	1000	1080	1235	1390	1540
Ak 771 Throw	14.0	18.0	21.0	25.0	28.0	32.0	35.0	39.0	43.0	46.0	50.0	57.0	64.0	71.0
20 x 8 CFM	345	435	520	610	695	780	870	955	1040	1130	1215	1390	1560	1735
Ak 868 Throw	15.0	19.0	23.0	26.0	30.0	34.0	38.0	41.0	45.0	49.0	53.0	60.0	68.0	75.0
30 x 6 CFM	365	485	580	675	775	870	965	1065	1160	1255	1355	1545	1740	1935
Ak 967 Throw	16.0	20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	51.0	55.0	63.0	71.0	79.0
24 x 8 CFM	420	525	625	730	835	940	1045	1150	1255	1360	1465	1670	1880	2090
Ak 1045 Throw	17.0	21.0	25.0	29.0	33.0	37.0	41.0	46.0	50.0	54.0	58.0	66.0	74.0	83.0
30 x 8 CFM	525	655	785	915	1050	1180	1310	1440	1570	1705	1835	2095	2360	2620
Ak 1310 Throw	19.0	23.0	28.0	32.0	37.0	42.0	46.0	51.0	56.0	60.0	65.0	74.0	84.0	93.0
24 x 10 CFM	530	660	790	925	1055	1185	1320	1450	1585	1715	1845	2110	2375	2640
Ak 1319 Throw	19.0	23.0	28.0	33.0	37.0	42.0	46.0	51.0	56.0	60.0	65.0	74.0	84.0	93.0
36 x 8 CFM	630	790	945	1105	1260	1420	1575	1735	1890	2050	2205	2520	2835	3150
Ak 1576 Throw	20.0	25.0	30.0	36.0	41.0	46.0	51.0	56.0	61.0	66.0	71.0	81.0	91.0	101.0
24 x 12 CFM	635	795	995	1115	1275	1435	1595	1750	1910	2070	2230	2550	2865	3185
Ak 1593 Throw	20.0	25.0	31.0	36.0	41.0	47.0	51.0	56.0	61.0	66.0	71.0	82.0	92.0	102.0
30 x 10 CFM	660	825	990	1160	1325	1490	1655	1820	1985	2150	2315	2645	2975	3310
Ak 1654 Throw	21.0	26.0	31.0	37.0	42.0	47.0	52.0	57.0	63.0	68.0	73.0	83.0	94.0	104.0
36 x 10 CFM	795	995	1195	1390	1590	1790	1990	2190	2385	2585	2785	3180	3580	3980
Ak 1989 Throw	23.0	29.0	34.0	40.0	46.0	51.0	57.0	63.0	68.0	74.0	80.0	91.0	103.0	114.0
30 x 12 CFM	800	1000	1200	1400	1600	1800	2000	2200	2395	2595	2795	3195	3595	3995
Ak 1997 Throw	23.0	29.0	34.0	40.0	45.0	51.0	57.0	63.0	68.0	74.0	80.0	91.0	103.0	114.0
36 x 12 CFM	960	1200	1440	1680	1920	2160	2400	2640	2880	3120	3365	3845	4325	4805
Ak 2402 Throw	25.0	31.0	38.0	44.0	50.0	56.0	63.0	69.0	75.0	81.0	88.0	100.0	113.0	125.0

Terminal Velocity of 75 FPM

Deflection C

Face Velocity	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000
Pressure Loss	.010	.016	.022	.031	.040	.050	.062	.075	.090	.105	.122	.160	.202	.249
8 x 4 CFM	55	70	85	100	110	125	140	155	170	180	195	225	250	280
Ak 140 Throw	5.0	6.0	7.5	8.5	9.5	11.0	12.0	14.0	15.0	16.0	17.0	20.0	22.0	24.0
10 x 4 CFM	70	90	105	125	140	160	180	195	215	230	250	285	320	355
Ak 178 Throw	5.0	7.0	8.0	9.5	11.0	12.0	14.0	15.0	17.0	18.0	19.0	22.0	25.0	28.0
12 x 4 CFM	85	110	130	150	170	195	215	235	260	280	300	345	385	430
Ak 215 Throw	6.0	8.0	9.0	11.0	12.0	14.0	15.0	17.0	18.0	20.0	21.0	24.0	27.0	30.0
14 x 4 CFM	100	125	150	175	200	225	250	275	300	330	355	405	455	505
Ak 252 Throw	6.5	8.0	10.0	11.0	13.0	15.0	16.0	18.0	20.0	22.0	23.0	26.0	30.0	33.0
12 x 5 CFM	110	135	165	190	220	245	275	300	330	355	385	440	495	550
Ak 274 Throw	7.0	8.5	10.0	12.0	14.0	15.0	17.0	19.0	21.0	22.0	24.0	28.0	31.0	34.0
10 x 6 CFM	110	140	165	195	220	245	275	305	330	360	385	440	495	550
Ak 276 Throw	7.0	8.5	10.0	12.0	14.0	15.0	17.0	19.0	21.0	22.0	24.0	27.0	31.0	34.0
14 x 5 CFM	130	160	195	225	255	290	320	355	385	415	450	515	580	645
Ak 321 Throw	7.5	9.0	11.0	13.0	15.0	17.0	18.0	21.0	22.0	24.0	26.0	30.0	34.0	37.0
12 x 6 CFM	135	165	200	235	265	300	335	365	400	435	465	535	605	665
Ak 333 Throw	7.5	9.5	11.0	13.0	15.0	17.0	19.0	21.0	23.0	25.0	26.0	30.0	34.0	38.0
16 x 5 CFM	150	185	220	260	295	330	370	405	445	480	515	590	665	740
Ak 369 Throw	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	32.0	36.0	40.0
14 x 6 CFM	155	195	235	275	315	350	390	430	470	510	545	625	705	780
Ak 391 Throw	8.0	10.0	12.0	14.0	17.0	18.0	20.0	23.0	25.0	27.0	29.0	33.0	37.0	41.0
16 x 6 CFM	180	225	270	315	360	405	450	495	540	585	625	715	805	895
Ak 448 Throw	9.0	11.0	13.0	15.0	18.0	20.0	22.0	24.0	26.0	28.0	31.0	35.0	39.0	44.0
20 x 5 CFM	185	230	280	325	370	415	465	510	555	600	650	740	835	925
Ak 463 Throw	9.0	11.0	13.0	16.0	18.0	20.0	22.0	25.0	27.0	29.0	31.0	36.0	40.0	44.0
24 x 5 CFM	225	280	335	390	445	500	555	615	670	725	780	890	1005	1115
Ak 557 Throw	10.0	12.0	15.0	17.0	19.0	22.0	24.0	27.0	29.0	32.0	34.0	40.0	44.0	49.0
20 x 6 CFM	225	280	340	395	450	505	565	620	675	730	790	900	1015	1125
Ak 563 Throw	10.0	12.0	15.0	17.0	20.0	22.0	25.0	27.0	29.0	32.0	34.0	40.0	44.0	49.0
24 x 6 CFM	270	340	405	475	540	610	680	745	815	880	950	1085	1220	1355
Ak 678 Throw	11.0	14.0	16.0	19.0	21.0	24.0	27.0	30.0	32.0	35.0	38.0	43.0	49.0	54.0
20 x 8 CFM	305	380	460	535	610	685	765	840	915	990	1070	1220	1375	1525
Ak 763 Throw	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	34.0	37.0	40.0	46.0	52.0	57.0
30 x 6 CFM	340	425	510	595	680	765	850	935	1020	1105	1190	1360	1530	1700
Ak 850 Throw	12.0	15.0	18.0	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	48.0	54.0	60.0
24 x 8 CFM	370	460	550	645	735	825	920	1010	1105	1195	1285	1470	1655	1840
Ak 919 Throw	13.0	16.0	19.0	22.0	25.0	28.0	31.0	35.0	38.0	41.0	44.0	50.0	57.0	63.0
30 x 8 CFM	460	575	690	805	920	1035	1150	1265	1380	1500	1615	1845	2075	2305
Ak 1152 Throw	14.0	17.0	21.0	25.0	28.0	32.0	35.0	39.0	42.0	46.0	49.0	56.0	63.0	70.0
24 x 10 CFM	465	580	695	810	930	1045	1160	1275	1390	1510	1625	1855	2090	2320
Ak 1160 Throw	14.0	18.0	21.0	25.0	28.0	32.0	35.0	39.0	42.0	46.0	49.0	56.0	64.0	71.0
36 x 8 CFM	555	695	830	970	1110	1250	1385	1525	1665	1800	1940	2220	2495	2770
Ak 1386 Throw	15.0	19.0	23.0	27.0	31.0	34.0	38.0	42.0	46.0	50.0	54.0	62.0	69.0	77.0
24 x 12 CFM	560	700	840	980	1120	1260	1400	1540	1680	1820	1960	2240	2520	2800
Ak 1401 Throw	15.0	19.0	23.0	27.0	31.0	35.0	39.0	43.0	47.0	50.0	54.0	62.0	70.0	78.0
30 x 10 CFM	580	725	870	1020	1165	1310	1455	1600	1745	1890	2035	2325	2615	2910
Ak 1454 Throw	16.0	20.0	24.0	28.0	32.0	36.0	39.0	43.0	47.0	51.0	55.0	63.0	71.0	79.0
36 x 10 CFM	700	875	1050	1225	1400	1575	1750	1925	2100	2275	2450	2800	3150	3500
Ak 1749 Throw	17.0	22.0	26.0	30.0	35.0	39.0	43.0	48.0	52.0	56.0	61.0	69.0	78.0	87.0
30 x 12 CFM	700	880	1055	1230	1405	1580	1755	1930	2110	2285	2460	2810	3160	3510
Ak 1756 Throw	17.0	22.0	26.0	30.0	35.0	39.0	43.0	48.0	52.0	56.0	61.0	69.0	78.0	87.0
36 x 12 CFM	845	1055	1265	1480	1690	1900	2110	2325	2535	2745	2955	3380	3800	4225
Ak 2112 Throw	19.0	24.0	28.0	33.0	38.0	43.0	47.0	52.0	57.0	62.0	66.0	76.0	86.0	95.0

Engineering Data

821, 831, 92 Series and 98VOH (Page 6-8, 11)

Deflection E

Face Velocity	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000
Pressure Loss	.010	.016	.022	.031	.040	.050	.062	.075	.090	.105	.122	.160	.202	.249
8 x 4 CFM	50	60	75	85	100	110	125	135	150	160	175	200	225	250
Ak 124 Throw	3.5	4.5	5.5	6.0	7.5	8.0	9.0	10.0	11.0	12.0	13.0	15.0	16.0	18.0
10 x 4 CFM	65	80	95	110	125	140	155	175	190	205	220	250	285	315
Ak 157 Throw	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	16.0	19.0	20.0
12 x 4 CFM	75	95	115	135	150	170	190	210	230	245	265	305	340	380
Ak 190 Throw	4.5	5.5	7.0	8.0	9.0	10.0	11.0	12.0	14.0	15.0	16.0	18.0	20.0	22.0
14 x 4 CFM	90	110	135	155	180	200	220	245	265	290	310	355	400	445
Ak 222 Throw	5.0	6.0	7.5	8.5	10.0	11.0	12.0	13.0	14.0	16.0	17.0	19.0	22.0	24.0
12 x 5 CFM	95	120	145	170	195	220	240	265	290	315	340	385	435	485
Ak 242 Throw	5.0	6.5	7.5	9.0	10.0	12.0	13.0	14.0	15.0	17.0	18.0	20.0	23.0	25.0
10 x 6 CFM	100	120	145	170	195	220	245	270	295	315	340	390	440	490
Ak 244 Throw	5.0	6.5	7.5	9.0	10.0	11.0	13.0	14.0	15.0	16.0	18.0	20.0	23.0	26.0
14 x 5 CFM	115	140	170	200	225	255	285	310	340	370	400	455	510	570
Ak 284 Throw	5.5	7.0	8.0	9.5	11.0	12.0	14.0	15.0	16.0	18.0	19.0	22.0	25.0	28.0
12 x 6 CFM	120	145	175	205	235	265	295	325	355	380	410	470	530	590
Ak 294 Throw	5.5	7.0	8.5	9.5	11.0	13.0	14.0	15.0	17.0	18.0	19.0	22.0	25.0	28.0
16 x 5 CFM	130	165	195	230	260	295	325	360	390	425	455	520	585	650
Ak 325 Throw	6.0	7.5	9.0	10.0	12.0	13.0	15.0	16.0	18.0	19.0	21.0	24.0	26.0	29.0
14 x 6 CFM	140	175	205	240	275	310	345	380	415	450	485	550	620	690
Ak 345 Throw	6.0	7.5	9.0	11.0	12.0	14.0	15.0	17.0	18.0	20.0	21.0	24.0	27.0	30.0
16 x 6 CFM	160	200	240	275	315	355	395	435	475	515	555	635	715	790
Ak 396 Throw	6.5	8.0	10.0	11.0	13.0	15.0	16.0	18.0	19.0	21.0	23.0	26.0	29.0	32.0
20 x 5 CFM	165	205	245	285	325	365	410	450	490	530	570	655	735	815
Ak 408 Throw	6.5	8.5	10.0	11.0	13.0	15.0	17.0	18.0	20.0	21.0	23.0	26.0	30.0	33.0
24 x 5 CFM	195	245	295	345	395	445	490	540	590	640	690	785	885	965
Ak 492 Throw	7.0	9.0	11.0	13.0	14.0	16.0	18.0	20.0	22.0	23.0	25.0	29.0	32.0	36.0
20 x 6 CFM	200	250	300	350	400	445	495	545	595	645	695	795	895	995
Ak 497 Throw	7.5	9.0	11.0	13.0	15.0	16.0	18.0	20.0	22.0	24.0	25.0	29.0	33.0	36.0
24 x 6 CFM	240	300	360	420	480	540	600	660	720	775	835	955	1075	1195
Ak 598 Throw	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	32.0	36.0	40.0
20 x 8 CFM	270	335	405	470	540	605	675	740	810	875	940	1075	1210	1345
Ak 673 Throw	8.5	11.0	13.0	15.0	17.0	19.0	21.0	23.0	25.0	27.0	30.0	34.0	38.0	42.0
30 x 6 CFM	300	375	450	525	600	675	750	825	900	975	1050	1200	1350	1500
Ak 750 Throw	9.0	11.0	13.0	16.0	18.0	20.0	22.0	25.0	27.0	29.0	31.0	36.0	40.0	45.0
24 x 8 CFM	325	405	485	570	650	730	810	890	975	1055	1135	1300	1460	1620
Ak 811 Throw	9.5	12.0	14.0	16.0	19.0	21.0	23.0	25.0	28.0	30.0	32.0	37.0	42.0	46.0
30 x 8 CFM	405	510	610	710	815	915	1015	1120	1220	1320	1425	1625	1830	2035
Ak 1,017 Throw	11.0	13.0	16.0	18.0	21.0	23.0	26.0	29.0	31.0	34.0	36.0	42.0	47.0	52.0
24 x 10 CFM	410	510	615	715	820	920	1025	1125	1230	1330	1430	1635	1840	2045
Ak 1,023 Throw	10.0	13.0	16.0	18.0	21.0	23.0	26.0	29.0	31.0	34.0	36.0	42.0	47.0	52.0
36 x 8 CFM	490	610	735	855	980	1100	1220	1345	1465	1590	1710	1955	2200	2445
Ak 1,222 Throw	11.0	14.0	17.0	20.0	23.0	26.0	28.0	31.0	34.0	37.0	40.0	46.0	51.0	57.0
24 x 12 CFM	495	620	740	865	990	1110	1235	1360	1485	1605	1730	1975	2225	2470
Ak 1,236 Throw	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	34.0	37.0	40.0	46.0	52.0	57.0
30 x 10 CFM	515	640	770	900	1025	1155	1285	1410	1540	1670	1795	2055	2310	2565
Ak 1,283 Throw	12.0	15.0	17.0	20.0	23.0	26.0	29.0	32.0	35.0	38.0	42.0	46.0	52.0	58.0
36 x 10 CFM	615	770	925	1080	1235	1390	1545	1700	1850	2005	2160	2470	2775	3085
Ak 1,543 Throw	13.0	16.0	19.0	22.0	26.0	29.0	32.0	35.0	38.0	42.0	45.0	51.0	57.0	64.0
30 x 12 CFM	620	775	930	1085	1240	1395	1550	1705	1860	2015	2170	2480	2790	3100
Ak 1,550 Throw	13.0	16.0	19.0	22.0	26.0	29.0	32.0	35.0	39.0	42.0	45.0	51.0	58.0	64.0
36 x 12 CFM	745	930	1120	1305	1490	1680	1865	2050	2235	2425	2610	2980	3355	3730
Ak 1,864 Throw	14.0	18.0	21.0	25.0	28.0	32.0	35.0	39.0	42.0	46.0	49.0	56.0	63.0	70.0

Terminal Velocity of 75 FPM

Deflection G

Face Velocity	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000
Pressure Loss	.010	.016	.022	.031	.040	.050	.062	.075	.090	.105	.122	.160	.202	.249
8 x 4 CFM	50	60	70	85	95	105	120	130	145	155	165	190	215	240
Ak 119 Throw	2.5	3.0	4.0	4.5	5.0	5.5	6.5	7.0	8.0	8.5	9.0	10.0	12.0	13.0
10 x 4 CFM	55	70	85	100	115	130	145	155	170	185	200	230	255	285
Ak 143 Throw	2.5	3.5	4.0	5.0	5.5	6.0	7.0	7.5	8.0	9.0	9.5	11.0	12.0	14.0
12 x 4 CFM	70	85	105	120	140	155	175	190	210	225	240	275	310	345
Ak 173 Throw	3.0	3.5	4.5	5.5	6.0	7.0	7.5	8.5	9.0	10.0	11.0	12.0	14.0	15.0
14 x 4 CFM	80	100	120	140	160	180	200	220	240	265	285	325	365	405
Ak 202 Throw	3.0	4.0	5.0	5.5	6.5	7.5	8.0	9.0	9.5	11.0	12.0	13.0	15.0	16.0
12 x 5 CFM	90	110	130	155	175	200	220	240	265	285	310	350	395	440
Ak 220 Throw	3.5	4.5	5.0	6.0	7.0	8.0	8.5	9.5	10.0	11.0	12.0	14.0	15.0	17.0
10 x 6 CFM	90	110	135	155	180	200	220	245	265	290	310	355	400	445
Ak 222 Throw	3.5	4.5	5.0	6.0	7.0	7.5	8.5	9.5	10.0	11.0	12.0	14.0	15.0	17.0
14 x 5 CFM	105	130	155	180	205	230	260	285	310	335	360	415	465	515
Ak 258 Throw	4.0	4.5	5.5	6.5	7.5	8.5	9.5	10.0	11.0	12.0	13.0	15.0	17.0	18.0
12 x 6 CFM	105	135	160	190	215	240	270	295	320	350	375	430	480	535
Ak 268 Throw	4.0	5.0	5.5	6.5	7.5	8.5	9.5	10.0	11.0	12.0	13.0	15.0	17.0	19.0
16 x 5 CFM	120	150	180	205	235	265	295	325	355	385	415	475	535	590
Ak 296 Throw	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	16.0	18.0	20.0
14 x 6 CFM	125	155	190	220	250	285	315	345	375	410	440	500	565	630
Ak 314 Throw	4.0	5.0	6.0	7.0	8.0	9.5	10.0	11.0	12.0	13.0	14.0	16.0	18.0	20.0
16 x 6 CFM	145	180	215	250	290	325	360	395	430	470	505	575	650	720
Ak 360 Throw	4.5	5.5	6.5	7.5	9.0	10.0	11.0	12.0	13.0	14.0	15.0	17.0	20.0	22.0
20 x 5 CFM	150	185	225	260	300	335	370	410	445	485	520	595	670	745
Ak 372 Throw	4.5	5.5	6.5	7.5	9.0	10.0	11.0	12.0	13.0	14.0	15.0	18.0	20.0	22.0
24 x 5 CFM	180	225	270	315	360	405	450	495	540	580	625	715	805	895
Ak 448 Throw	5.0	7.5	7.5	8.5	10.0	11.0	12.0	13.0	15.0	16.0	17.0	19.0	22.0	24.0
20 x 6 CFM	180	225	270	315	360	410	455	500	545	590	635	725	815	905
Ak 453 Throw	5.0	6.0	7.5	8.5	10.0	11.0	12.0	14.0	15.0	16.0	17.0	20.0	22.0	25.0
24 x 6 CFM	220	275	325	380	435	490	545	600	655	710	765	870	980	1090
Ak 545 Throw	5.5	7.0	8.0	9.5	11.0	12.0	13.0	15.0	16.0	18.0	19.0	21.0	24.0	27.0
20 x 8 CFM	245	305	370	430	490	555	615	675	735	800	860	980	1105	1230
Ak 614 Throw	5.5	7.0	8.5	10.0	11.0	13.0	14.0	16.0	17.0	19.0	20.0	23.0	26.0	29.0
30 x 6 CFM	275	340	410	480	545	615	685	750	820	890	955	1095	1230	1365
Ak 683 Throw	6.0	7.5	9.0	11.0	12.0	14.0	15.0	17.0	18.0	20.0	21.0	24.0	27.0	30.0
24 x 8 CFM	295	370	445	515	590	665	740	815	885	960	1035	1180	1330	1480
Ak 739 Throw	6.5	8.0	9.5	11.0	13.0	14.0	16.0	17.0	19.0	20.0	22.0	25.0	28.0	31.0
30 x 8 CFM	370	465	555	650	740	835	925	1020	1110	1205	1295	1480	1665	1850
Ak 926 Throw	7.0	9.0	10.0	12.0	14.0	16.0	17.0	19.0	21.0	23.0	24.0	28.0	31.0	35.0
24 x 10 CFM	375	465	560	650	745	840	930	1025	1120	1210	1305	1490	1675	1865
Ak 932 Throw	7.0	9.0	11.0	12.0	14.0	16.0	18.0	19.0	21.0	23.0	25.0	28.0	32.0	35.0
36 x 8 CFM	445	555	670	780	890	1005	1115	1225	1335	1450	1560	1780	2005	2230
Ak 1114 Throw	7.5	9.5	12.0	13.0	15.0	17.0	19.0	21.0	23.0	25.0	27.0	31.0	35.0	39.0
24 x 12 CFM	540	565	675	790	905	1015	1125	1240	1350	1465	1575	1800	2025	2250
Ak 1126 Throw	7.5	9.5	12.0	14.0	15.0	17.0	19.0	21.0	23.0	25.0	27.0	31.0	35.0	39.0
30 x 10 CFM	470	585	700	820	935	1050	1170	1285	1405	1520	1635	1870	2105	2340
Ak 1169 Throw	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	27.0	31.0	35.0	39.0
36 x 10 CFM	560	705	845	985	1125	1265	1405	1545	1685	1830	1970	2250	2530	2810
Ak 1406 Throw	8.5	11.0	13.0	15.0	17.0	19.0	22.0	24.0	26.0	28.0	30.0	35.0	39.0	43.0
30 x 12 CFM	565	705	845	990	1130	1270	1410	1555	1695	1835	1975	2260	2540	2825
Ak 1412 Throw	8.5	11.0	13.0	15.0	17.0	19.0	22.0	24.0	26.0	28.0	30.0	35.0	39.0	43.0
36 x 12 CFM	680	850	1020	1190	1360	1530	1700	1870	2040	2210	2375	2715	3055	3395
Ak 1698 Throw	9.5	12.0	14.0	17.0	19.0	21.0	24.0	26.0	29.0	31.0	33.0	38.0	43.0	48.0
Terminal Velocity of 75 FPM														