

AIRMATE SERIES 160 & 160 A SW		Face Velocity														
Size (in.)	Area (Ak)		500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600
6x4	0.11	CFM	55	66	77	88	99	110	132	154	176	198	220	242	264	286
		Ps	0.029	0.043	0.057	0.071	0.085	0.099	0.127	0.155	0.183	0.211	0.24	0.268	0.296	0.324
		Throw	8.5	10.1	11.7	13.3	14.9	16.5	19.8	23	26.2	29.4	32.6	35.8	39	42.2
8x4	0.14	CFM	70	84	98	112	126	140	168	196	224	252	280	308	336	364
		Ps	0.026	0.036	0.046	0.056	0.066	0.076	0.096	0.117	0.137	0.157	0.177	0.198	0.218	0.238
		Throw	8.2	9.5	10.8	12.2	13.5	14.8	17.5	20.1	22.8	25.5	28.1	30.8	33.5	36.1
6x6	0.17	CFM	85	102	119	136	153	170	204	238	272	306	340	374	408	442
		Ps	0.027	0.037	0.048	0.058	0.068	0.079	0.099	0.12	0.141	0.161	0.182	0.203	0.223	0.244
		Throw	8.8	10.3	11.8	13.4	14.9	16.5	19.5	22.6	25.7	28.8	31.8	34.9	38	41.1
10x4	0.19	CFM	95	114	133	152	171	190	228	266	304	342	380	418	456	494
		Ps	0.028	0.039	0.05	0.061	0.072	0.083	0.105	0.128	0.15	0.172	0.194	0.216	0.239	0.261
		Throw	9.5	11.4	13.3	15.2	17.1	19	22.8	26.5	30.3	34.1	37.9	41.7	45.5	49.3
12x4 (8x6) (10x5)	0.24	CFM	120	144	168	192	216	240	288	336	384	432	480	528	576	624
		Ps	0.03	0.044	0.058	0.072	0.086	0.1	0.128	0.156	0.184	0.212	0.24	0.268	0.296	0.324
		Throw	10.4	12.6	14.9	17.1	19.3	21.5	26	30.4	34.9	39.3	43.8	48.2	52.7	57.1
14x4	0.27	CFM	135	162	189	216	243	270	324	378	432	486	540	594	648	702
		Ps	0.027	0.039	0.051	0.063	0.075	0.087	0.111	0.135	0.16	0.184	0.208	0.232	0.256	0.28
		Throw	10.917	13.267	15.617	17.966	20.316	22.666	27.365	32.065	36.764	41.464	46.163	50.863	55.562	60.261
10x6/12x5 8x8 (16x4)	0.29	CFM	145	174	203	232	261	290	348	406	464	522	580	638	696	754
		Ps	0.022	0.031	0.041	0.051	0.061	0.071	0.091	0.11	0.13	0.15	0.169	0.189	0.209	0.229
		Throw	10.539	12.666	14.792	16.919	19.045	21.171	25.424	29.677	33.93	38.183	42.436	46.689	50.941	55.194
12x6 (18x4) (14x5)	0.35	CFM	175	210	245	280	315	350	420	490	560	630	700	770	840	910
		Ps	0.014	0.023	0.032	0.041	0.05	0.058	0.076	0.094	0.111	0.129	0.147	0.164	0.182	0.199
		Throw	9.511	11.511	13.51	15.51	17.509	19.509	23.508	27.507	31.506	35.505	39.504	43.503	47.502	51.501
10x8 (20x4)	0.4	CFM	200	240	280	320	360	400	480	560	640	720	800	880	960	1040
		Ps	0.006	0.014	0.023	0.031	0.039	0.047	0.064	0.08	0.097	0.113	0.13	0.146	0.163	0.179
		Throw	8.676	10.609	12.542	14.476	16.409	18.342	22.208	26.075	29.941	33.808	37.674	41.54	45.407	49.273
14x6	0.42	CFM	210	252	294	336	378	420	504	588	672	756	840	924	1008	1092
		Ps	0.005	0.013	0.02	0.027	0.035	0.042	0.057	0.072	0.087	0.101	0.116	0.131	0.146	0.16
		Throw	8.42	10.287	12.153	14.019	15.885	17.751	21.483	25.215	28.947	32.68	36.412	40.144	43.876	47.608
12x8/16x6 (24x4) (10x10)	0.49	CFM	245	294	343	392	441	490	588	686	784	882	980	1078	1176	1274
		Ps	0	0.006	0.012	0.017	0.023	0.029	0.041	0.053	0.064	0.076	0.088	0.1	0.111	0.123
		Throw	7.827	9.549	11.271	12.994	14.716	16.438	19.882	23.326	26.771	30.215	33.659	37.104	40.548	43.992
14x8 (18x6)	0.57	CFM	285	342	399	456	513	570	684	798	912	1026	1140	1254	1368	1482
		Ps	-0.006	0	0.005	0.011	0.016	0.022	0.033	0.044	0.055	0.066	0.077	0.088	0.099	0.11
		Throw	7.521	8.951	10.381	11.811	13.241	14.67	17.53	20.39	23.249	26.109	28.968	31.828	34.688	37.547
12x10 (20x6)	0.6	CFM	300	360	420	480	540	600	720	840	960	1080	1200	1320	1440	1560
		Ps	-0.01	-0.005	0.001	0.006	0.011	0.017	0.028	0.038	0.049	0.06	0.071	0.082	0.092	0.103
		Throw	7.427	8.789	10.151	11.513	12.875	14.237	16.961	19.685	22.409	25.132	27.856	30.58	33.304	36.028
16x8	0.67	CFM	335	402	469	536	603	670	804	938	1072	1206	1340	1474	1608	1742
		Ps	-0.009	-0.005	0	0.004	0.009	0.013	0.022	0.032	0.041	0.05	0.059	0.068	0.077	0.086
		Throw	7.026	8.349	9.671	10.994	12.317	13.639	16.285	18.93	21.576	24.221	26.867	29.512	32.157	34.803
12x12/18x8 (24x6) (14x10)	0.75	CFM	375	450	525	600	675	750	900	1050	1200	1350	1500	1650	1800	1950
		Ps	-0.019	-0.014	-0.009	-0.005	0	0.005	0.015	0.024	0.034	0.043	0.053	0.062	0.072	0.081
		Throw	7.376	8.548	9.721	10.893	12.066	13.238	15.583	17.928	20.273	22.618	24.963	27.308	29.653	31.998
16x10 (20x8)	0.81	CFM	405	486	567	648	729	810	972	1134	1296	1458	1620	1782	1944	2106
		Ps	-0.015	-0.011	-0.007	-0.003	0.001	0.005	0.013	0.021	0.029	0.037	0.045	0.053	0.061	0.069
		Throw	7.26	8.368	9.477	10.585	11.693	12.802	15.019	17.235	19.452	21.669	23.886	26.103	28.32	30.536
30x6	0.91	CFM	455	546	637	728	819	910	1092	1274	1456	1638	1820	2002	2184	2366
		Ps	-0.031	-0.027	-0.022	-0.018	-0.013	-0.008	0.001	0.01	0.019	0.028	0.037	0.046	0.055	0.065
		Throw	8.253	9.186	10.12	11.053	11.987	12.92	14.787	16.654	18.521	20.387	22.254	24.121	25.988	27.855
24x8 (16x12) (20x10)	0.99	CFM	495	594	693	792	891	990	1188	1386	1584	1782	1980	2178	2376	2574
		Ps	-0.02	-0.016	-0.013	-0.01	-0.007	-0.003	0.003	0.01	0.016	0.023	0.029	0.036	0.042	0.049
		Throw	8.559	9.359	10.16	10.96	11.76	12.561	14.161	15.762	17.363	18.964	20.564	22.165	23.766	25.366
20x12	1.24	CFM	620	744	868	992	1116	1240	1488	1736	1984	2232	2480	2728	2976	3224
		Ps	-0.025	-0.022	-0.019	-0.017	-0.014	-0.011	-0.005	0	0.006	0.011	0.017	0.022	0.028	0.034
		Throw	8.482	9.2	9.917	10.635	11.352	12.07	13.504	14.939	16.374	17.809	19.244	20.679	22.114	23.548
30x10	1.55	CFM	775	930	1085	1240	1395	1550	1860	2170	2480	2790	3100	3410	3720	4030
		Ps	-0.019	-0.017	-0.015	-0.013	-0.011	-0.009	-0.004	0	0.004	0.008	0.013	0.017	0.021	0.025
		Throw	7.954	8.594	9.234	9.875	10.515	11.155	12.436	13.716	14.997	16.278	17.558	18.839	20.119	21.4