

**Concentric Supply / Return Performance Based on
100% Return Of Supply Air**

	Sizes	Neck Velocity	200	300	400	500	600	700	800
		Face Velocity	500	750	100	1250	1500	1750	2000
		Ps	.013	.030	.050	.080	.120	.160	.210
		Pt	.016	.040	.060	.100	.140	.190	.250
FM34X	30" x 30" Supply Ak = 1.30	Total CFM Throw	640 3-7	955 5-12	1275 7-16	1595 9-17	1915 11-21	2235 13-25	2550 15-30
	21" x 21" Return Ak = 3.00	Total CFM Inlet Velocity Ps	640 209 .004	955 312 .009	1275 416 .015	1595 521 .024	1915 625 .035	2235 730 .047	2550 833 .062
		NC	8	11	13	16	19	22	25
FM40X	36" x 36" Supply Ak = 2.00	Total CFM Throw	1000 4-8	1500 5-13	2000 8-18	2500 12-22	3000 15-30	3500 17-34	4000 21-38
	24" x 24" Return Ak = 3.92	Total CFM Inlet Velocity Ps	1000 250 .006	1500 375 .013	2000 500 .022	2500 625 .035	3000 750 .050	3500 875 .068	4000 1000 .089
		NC	10	13	17	20	24	27	31
FM46X	42" x 42" Supply Ak = 2.9	Total CFM Throw	1440 4-10	2160 10-21	2875 14-28	3595 18-34	4315 21-39	5035 25-43	5750 28-49
	27" x 27" Return Ak = 4.96	Total CFM Inlet Velocity Ps	1440 284 .007	2160 427 .016	2875 568 .029	3595 782 .054	4315 852 .065	5035 995 .088	5750 1136 .115
		NC	12	16	19	25	27	32	36
FM52X	48" x 48" Supply Ak = 3.37	Total CFM Throw	1690 6-11	2530 11-23	3380 16-24	4220 20-30	5065 23-41	5910 30-48	6750 35-55
	33" x 33" Return Ak = 7.41	Total CFM Inlet Velocity Ps	1690 223 .004	2530 335 .010	3380 447 .018	4220 558 .028	5065 670 .040	5910 781 .054	6750 893 .071
		NC	12	15	18	21	24	27	30
FM58X	54" x 54" Supply Ak = 3.88	Total CFM Throw	1940 6-11	2910 11-23	3880 16-24	4850 20-30	5820 23-41	6790 30-48	7760 35-55
	39" x 39" Return Ak = 7.41	Total CFM Inlet Velocity Ps	1940 184 .003	2910 276 .007	3880 367 .012	4850 459 .019	5820 551 .027	6790 643 .037	7760 735 .048
		NC	13	15	17	20	22	25	27
FM64X	60" x 60" Supply Ak = 4.37	Total CFM Throw	2190 7-13	3280 13-25	4375 18-28	5470 22-32	6565 25-43	7660 32-50	8750 37-56
	45" x 45" Return Ak = 13.78	Total CFM Inlet Velocity Ps	2190 156 .002	3280 233 .005	4375 311 .009	5470 389 .013	6565 467 .019	7660 545 .026	8750 622 .034
		NC	13	15	17	19	21	23	25
FM4824X	42" x 18" Supply Ak = 1.28	Total CFM Throw	563 4-10	844 10-21	1125 14-28	1436 18-34	1688 21-39	1969 25-43	2250 28-49
	33" x 09" Return Ak = 2.02	Total CFM Inlet Velocity Ps	563 307 .008	844 464 .019	1125 618 .034	1436 773 .053	1688 927 .076	1969 1082 .104	2250 1236 .136
		NC	9	13	17	21	26	30	35
FM5430X	48" x 24" Supply Ak = 1.57	Total CFM Throw	790 4-7	1180 6-9	1575 8-11	1970 9-14	2365 11-17	2760 13-20	3150 15-23
	39" x 15" Return Ak = 4.06	Total CFM Inlet Velocity Ps	790 194 .003	1180 290 .007	1575 388 .013	1970 485 .021	2365 582 .030	2760 679 .041	3150 775 .053
		NC	13	15	17	19	21	23	25

