



# PERFORMANCE DATA

MODELS: APR1, APR5  
 PERFORATED RETURN  
 SURFACE MOUNT, SQUARE NECK

LISTED DUCT SIZE (INCHES)	ALTERNATE SIZE (INCHES)	CORE AREA (SQ. FT.)	AK FACTOR	CORE VELOCITY VP NEG. SP	300	400	500	600	700	800	900	1000	1200
					.006 .024	.010 .042	.016 .067	.022 .095	.031 .130	.040 .170	.051 .215	.062 .265	.090 .382
6 X 6	8 X 4 10 X 4	0.20	0.20	CFM NC	60 -	80 -	100 -	120 15	140 21	160 26	180 32	200 37	240 44
8 X 6	10 X 5 12 X 4	0.27	0.27	CFM NC	81 -	108 -	135 -	162 16	189 22	216 28	243 33	270 38	324 45
10 X 6	12 X 5 16 X 4	0.35	0.33	CFM NC	105 -	140 -	175 10	210 17	245 24	280 29	315 34	350 39	420 46
8 X 8	14 X 5	0.38	0.36	CFM NC	114 -	152 -	190 11	228 18	266 25	304 29	342 35	380 40	456 47
12 X 6	18 X 4	0.42	0.40	CFM NC	126 -	168 -	210 11	252 18	294 25	336 30	378 35	420 40	504 47
12 X 8	16 X 6 24 X 4	0.58	0.53	CFM NC	174 -	232 -	290 12	348 20	406 27	464 31	522 36	580 41	696 48
10 X 10	14 X 7	0.61	0.56	CFM NC	183 -	244 -	3050 13	366 20	427 27	488 32	549 37	610 42	732 49
18 X 6	14 X 8 30 X 4 24 X 4	0.65	0.60	CFM NC	195 -	260 -	325 13	390 20	455 27	520 32	585 37	650 42	780 49
12 X 10	16 X 8 20 X 6 24 X 5	0.74	0.67	CFM NC	222 -	296 -	370 14	444 21	518 28	592 32	666 37	740 43	888 50
12 X 12	14 X 10 24 X 6 18 X 8 38 X 4	0.90	0.80	CFM NC	270 -	360 -	450 15	540 22	630 28	720 33	810 38	900 44	1080 51
14 X 14	16 X 12 24 X 8 20 X 10 34 X 6	1.24	1.09	CFM NC	372 -	496 -	620 16	744 23	868 29	992 34	1116 39	1240 45	1488 52
18 X 12	16 X 14 28 X 8 22 X 10 38 X 6	1.37	1.20	CFM NC	411 -	548 -	685 17	822 23	959 30	1096 35	1233 39	1370 45	1644 52
24 X 10	20 X 12 30 X 8	1.52	1.33	CFM NC	456 -	608 -	760 17	912 24	1064 30	1216 35	1368 40	1520 45	1824 53
16 X 16	18 X 14 30 X 8 22 X 12	1.62	1.42	CFM NC	492 -	656 -	820 17	984 24	1148 30	1312 35	1476 40	1640 46	1968 53
24 X 12	18 X 16 30 X 10 20 X 14 36 X 8	1.85	1.60	CFM NC	555 -	740 -	925 17	1110 24	1295 30	1480 35	1665 40	1850 46	2220 53
18 X 18	20 X 16 28 X 12 24 X 14 32 X 10	2.10	1.80	CFM NC	630 -	840 -	1050 17	1260 24	1470 30	1680 36	1890 41	2100 46	2520 53
30 X 12	20 X 18 26 X 14 22 X 16 36 X 10	2.32	2.00	CFM NC	696 -	928 -	1160 17	1392 25	1624 30	1856 37	2088 41	2320 47	2784 54
20 X 20	24 X 18 30 X 14 24 X 16 36 X 10	2.61	2.22	CFM NC	783 -	1044 11	1305 18	1566 25	1827 30	2088 37	2349 41	2610 47	3132 54
22 X 22	24 X 20 30 X 16 26 X 18 36 X 14	3.17	2.69	CFM NC	951 -	1268 11	1585 18	1902 26	2219 31	2536 37	2853 42	3170 48	3804 55
30 X 18	25 X 22 40 X 14 34 X 16	3.54	3.00	CFM NC	1062 -	1416 12	1770 19	2124 26	2478 32	2832 37	3186 42	3540 48	4248 55
24 X 24	26 X 22 32 X 18 28 X 20 36 X 16S	3.79	3.20	CFM NC	1137 -	1516 12	1895 19	2274 27	2653 33	3032 38	3411 43	3790 49	4548 56
36 X 18	32 X 20 46 X 14 40 X 16	4.29	3.60	CFM NC	1287 -	1716 12	2145 19	2574 27	3003 33	3432 38	3861 43	4290 49	5148 56
26 X 26	28 X 24 48 X 14	4.47	3.76	CFM NC	1341 -	1788 13	2235 20	2682 28	3129 34	3576 39	4025 44	4470 50	5364 57
30 X 24	28 X 26 36 X 20 32 X 22 40 X 18	4.77	4.00	CFM NC	1431 -	1908 13	2385 21	2862 28	3339 34	3816 39	4293 44	4770 50	5724 57
28 X 28	30 X 26 40 X 20 36 X 22	5.20	4.36	CFM NC	1560 -	2080 14	2600 21	3120 28	3640 34	4160 40	4680 44	5200 50	6240 57
36 X 24	30 X 28 44 X 20 40 X 22	5.74	4.80	CFM NC	951 -	1268 14	1585 22	1902 29	2219 35	2536 40	2853 45	3170 50	3804 58
30 X 30	34 X 26 48 X 20 38 X 24	5.99	5.00	CFM NC	1797 -	2396 15	2995 22	3594 29	4193 35	4792 40	5391 45	5990 51	7188 58

FORMERLY MODEL V-PERF-R