Listed Duct Size (Inches)	Neck Velocity, FPM / VP / TP			500 0.016 0.035	600 0.022 0.050	700 0.031 0.068	800 0.040 0.088	1000 0.062 0.138	1200 0.090 0.198	1400 0.122 0.271	1600 0.160 0.354	1800 0.202 0.448
			0°									
	TP		22-1/2°	0.039	0.056	0.076	0.099	0.155	0.222	0.305	0.398	0.503
			45	0.059	0.084	0.115	0.149	0.233	0.334	0.458	0.598	0.757
	CFM			250	300	350	400	500	600	700	800	900
18 x 4	NC			--	--	--	--	26	30	34	38	41
14 x 5		0.33	0°	13-20-28	15-22-31	17-24-34	19-26-36	22-28-39	24-30-42	26-32-45	28-34-48	30-36-51
12 x 6	Ak	0.32 T	22-1/2°	10-16-22	12-18-24	13-20-26	15-21-28	17-23-31	18-25-33	20-27-35	22-29-37	23-31-39
		0.26	45	7-10-13	8-11-14	9-12-16	10-12-17	11-13-19	12-14-20	13-15-22	14-16-23	15-17-25
	CFM			500	600	700	800	1000	1200	1400	1600	1800
26 x 6	NC			--	--	--	23	29	34	38	41	44
18 x 8		0.71	0°	17-26-37	20-29-41	23-32-45	26-35-49	29-38-53	33-42-58	36-45-62	39-48-66	42-51-70
16 x 10	Ak	0.69 T	22-1/2°	14-20-29	16-23-32	19-25-36	21-28-39	24-31-43	26-33-46	28-36-49	31-39-53	33-42-56
12 x 12		0.55	45	9-12-18	10-14-20	12-15-22	13-17-24	15-19-26	16-20-29	17-22-31	19-24-33	20-26-35
	CFM			750	900	1050	1200	1500	1800	2100	2400	2700
24 x 8	NC			--	--	22	25	31	36	40	43	46
20 x 10		0.98	0°	24-35-48	28-38-53	31-42-58	35-45-63	39-49-69	42-52-74	46-56-79	50-59-84	53-63-89
16 x 12	Ak	0.95 T	22-1/2°	19-28-38	22-31-42	25-34-46	27-36-50	30-39-55	33-42-59	36-45-63	39-48-67	42-51-71
14 x 14		0.76	45	12-17-24	14-19-26	16-21-29	17-23-31	19-25-34	21-27-36	23-29-39	25-31-41	27-33-44
36 x 8	CFM			1000	1200	1400	1600	2000	2400	2800	3200	3600
30 x 10	NC			--	--	23	26	32	37	41	44	48
24 x 12		1.47	0°	25-37-54	29-41-60	34-46-66	39-51-73	43-55-79	48-60-85	52-64-92	57-69-98	61-73-104
20 x 14	Ak	1.43 T	22-1/2°	20-30-44	24-33-49	27-37-54	31-41-58	35-44-63	38-48-68	42-51-73	46-55-78	50-58-83
18 x 16		1.14	45	12-18-27	14-20-30	17-23-33	19-25-36	22-28-39	24-30-42	26-32-45	29-35-48	31-37-51
	CFM			1500	1800	2100	2400	3000	3600	4200	4800	5400
36 x 12	NC			--	21	25	28	34	39	43	46	49
30 x 14		2.22	0°	30-44-66	36-50-74	42-56-81	47-62-69	53-68-97	59-74-104	65-80-112	71-86-120	77-92-127
26 x 16	Ak	2.15 T	22-1/2°	24-35-53	28-40-59	33-45-65	37-50-71	42-55-78	46-60-84	51-65-90	55-70-96	60-75-102
24 x 18		1.72	45	15-22-33	18-25-37	21-28-41	23-31-44	26-34-48	29-37-52	32-40-56	35-43-60	38-46-64
	CFM			2000	2400	2800	3200	4000	4800	5600	6400	7200
48 x 12	NC			--	22	26	30	36	40	44	48	51
36 x 16		3.03	0°	33-49-76	40-56-85	47-63-94	53-70-102	60-77-111	67-85-120	74-92-129	81-99-138	86-106-147
30 x 20	Ak	2.93 T	22-1/2°	27-40-61	32-45-68	38-51-75	43-57-82	49-62-89	54-68-96	59-73-103	65-79-110	70-84-117
24 x 24		2.34	45	16-25-38	19-28-42	23-32-47	27-35-51	30-39-56	34-42-60	37-45-64	41-49-69	44-52-73
60 x 12				2500	3000	3500	4000	5000	6000	7000	8000	9000
54 x 14	CFM			--	23	27	31	37	41	45	49	52
48 x 16	NC			--	--	--	--	--	--	--	--	--
42 x 18		3.8	0°	38-56-87	45-64-96	52-72-105	60-79-115	67-87-124	74-95-133	82-103-143	89-111-152	96-119-161
36 x 20	Ak	3.67 T	22-1/2°	30-45-70	36-51-77	42-57-85	47-63-92	53-70-100	59-76-107	65-83-114	71-89-122	77-95-129
30 x 24		2.93	45	19-28-44	23-32-48	26-36-53	30-39-58	34-43-62	37-47-67	41-51-71	45-55-76	49-59-80

72 x 12	CFM			3000	3600	4200	4800	6000	7200	8400	9600	10800
60 x 14	NC			--	24	28	32	38	42	46	50	53
54 x 16		4.59	0°	42-62-95	50-70-105	58-79-115	66-88-126	74-96-136	82-105-146	90-113-157	98-122-167	106-130-177
48 x 18	Ak	4.45	T 22-1/2°	33-50-75	39-57-83	46-64-91	53-70-99	59-77-107	66-84-115	72-91-123	79-98-131	85-105-139
36 x 24		3.55	45	21-32-48	25-36-53	29-40-58	33-44-63	37-48-68	41-53-74	45-57-79	49-61-84	53-65-89
72 x 14	CFM			3500	4200	4900	5600	7000	8400	9800	11200	12600
60 x 16	NC			20	25	29	32	38	43	47	50	54
54 x 18		4.79	0°	44-55-101	53-66-112	62-77-124	70-88-136	79-99-147	88-111-159	97-122-170	106-133-182	115-144-193
48 x 20	Ak	4.63	T 22-1/2°	35-53-80	42-60-89	49-68-98	57-76-108	64-83-117	71-91-126	79-98-136	86-106-145	93-113-154
30 x 30		3.69	45	22-32-50	26-37-56	31-42-62	35-47-67	40-52-73	44-57-79	48-62-85	53-67-91	57-72-97
64 x 18				4000	4800	5600	6400	8000	9600	11200	12800	14400
58 x 20	CFM			21	26	30	33	39	44	48	51	54
54 x 22	NC			--	--	--	--	--	--	--	--	--
48 x 24		6.10	0°	47-59-108	56-71-120	66-83-132	75-94-145	85-106-157	94-118-169	103-130-182	113-142-194	122-154-206
44 x 20	Ak	5.90	T 22-1/2°	37-57-85	45-65-95	53-73-105	60-81-115	68-89-125	76-97-135	84-105-145	92-113-155	100-121-165
38 x 30		4.71	45	23-34-53	28-39-59	33-44-65	37-50-72	42-55-78	47-60-84	52-66-91	57-71-97	62-76-103
72 x 18	CFM			4500	5400	6300	7200	9000	10800	12600	14400	16200
60 x 22	NC			22	26	30	34	40	44	48	52	55
54 x 22		6.94	0°	50-63-115	60-76-128	70-88-141	80-101-154	90-113-167	100-126-181	110-139-194	120-151-207	130-164-220
48 x 28	Ak	6.72	T 22-1/2°	39-61-91	47-69-101	56-78-112	64-87-123	73-95-133	81-104-144	89-112-154	98-121-165	106-129-175
36 x 36		5.36	45	25-36-56	30-42-63	35-47-69	40-53-76	45-59-83	51-64-89	56-70-96	61-76-103	66-82-110

CFM - Cubic feet per minute

FPM - Feet per minute velocity

TP - Total pressure - inches w.g.

VP - Velocity pressure - inches w.g.

T - Throw in feet.

NC - Noise criteria (values) based on 10 dB room absorption, re 10^{-12} Watts

Ak - Flow factor.

Performance Notes

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
2. Total pressures are shown without Opposed Blade Damper, with OBD multiply pressures by 1.1
3. NC values are shown without Opposed Blade Damper and at 0°
   - With OBD add 5 dB to NC.
   - For 22-1/2° deflection add 1 dB to NC.
   - For 45° deflection add 7 dB to NC.
4. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 - 2006