Nom Neck Size W	Nom Neck Size H	Nom Neck ft2	Duct Velocity	300			400			500			600			700			800			900			1000			1100		
			Pt	0.03			0.05			0.08			0.12			0.17			0.22			0.27			0.34			0.41		
			CFM	80			100			130			150			180			200			230			250			280		
			NC	<20			<20			<20			22			26			29			32			35			37		
6	6	0.25	1 Core throw	2	4	7	3	4	8	4	6	9	4	7	10	5	8	11	6	8	11	7	9	12	7	9	13	8	10	13
			2 Core throw	3	5	10	4	6	11	6	8	13	6	10	14	8	11	15	8	11	16	10	12	17	10	13	18	11	13	19
			3 Core throw	4	6	12	5	8	14	7	10	16	8	12	17	9	13	19	10	14	20	12	15	21	13	16	22	13	16	23
			4 Core throw	5	7	14	6	9	16	8	12	18	9	13	20	11	15	22	12	16	23	14	17	24	15	18	25	16	19	27
			CFM	130			180			220			260			310			350			400			440			490		
			NC	<20			<20			<20			24			28			32			35			37			40		
8	8	0.44	1 Core throw	3	4	9	4	6	11	5	7	12	6	9	13	7	10	14	8	11	15	9	11	16	10	12	17	10	13	18
			2 Core throw	4	6	12	6	9	15	7	11	17	8	12	18	10	14	20	11	15	21	13	16	23	14	17	24	15	18	25
			3 Core throw	5	8	15	7	11	19	9	13	21	10	15	22	12	17	25	14	18	26	16	20	28	17	21	29	18	22	31
			4 Core throw	6	9	18	8	12	22	10	15	24	12	18	26	14	20	28	16	21	30	18	23	32	19	24	34	21	25	36
			CFM	210			280			350			420			490			560			630			700			770		
			NC	<20			<20			21			26			30			34			37			39			42		
10	10	0.69	1 Core throw	4	6	11	5	8	13	6	9	15	8	11	16	9	13	18	10	13	19	11	14	20	12	15	21	13	16	22
			2 Core throw	5	8	16	7	11	19	9	13	21	11	16	23	12	18	25	14	19	27	16	20	29	17	21	30	18	22	32
			3 Core throw	7	10	20	9	13	23	11	16	26	13	20	29	15	22	31	17	23	33	20	25	35	21	26	37	22	27	39
			4 Core throw	8	11	23	10	15	27	13	19	30	15	23	33	18	25	36	20	27	38	23	29	40	25	30	43	26	32	45
			CFM	300			400			500			600			700			800			900			1000			1100		
			NC	<20			<20			23			28			32			35			38			41			43		
12	12	1.00	1 Core throw	5	7	14	6	9	16	8	11	18	9	14	20	11	15	21	12	16	23	14	17	24	15	18	25	15	19	27
			2 Core throw	6	10	19	9	13	23	11	16	25	13	19	28	15	21	30	17	23	32	19	24	34	21	25	36	22	27	38
			3 Core throw	8	12	23	10	16	28	13	20	31	16	23	34	18	26	37	21	28	39	23	30	42	25	31	44	27	33	46
			4 Core throw	9	14	27	12	18	32	15	23	36	18	27	39	21	30	43	24	32	46	27	34	48	29	36	51	31	38	53
			CFM	410			540			680			820			950			1090			1220			1360			1490		
			NC	<20			<20			24			29			33			37			40			42			45		
14	14	1.36	1 Core throw	5	8	16	7	10	19	9	13	21	11	16	23	12	18	25	14	19	27	16	20	28	17	21	30	18	22	31
			2 Core throw	7	11	22	10	15	26	12	19	30	15	22	33	17	25	35	20	27	38	22	28	40	24	30	42	25	31	44
			3 Core throw	9	14	28	12	18	32	15	23	36	18	28	40	21	30	43	24	33	46	27	34	49	30	36	51	31	38	54
			4 Core throw	11	16	32	14	21	37	18	26	42	21	32	46	25	35	50	28	38	53	32	40	56	34	42	59	36	44	62
			CFM	530			710			890			1070			1250			1430			1600			1780			1960		
			NC	<20			20			26			30			34			38			41			44			46		
16	16	1.78	1 Core throw	6	9	18	8	12	21	10	15	24	12	18	26	14	20	28	16	22	30	18	23	32	20	24	34	21	25	36
			2 Core throw	8	13	25	11	17	30	14	21	34	17	26	37	20	28	40	23	30	43	26	32	46	28	34	48	29	36	50
			3 Core throw	10	16	31	14	21	37	17	26	42	21	31	46	24	35	49	28	37	53	31	39	56	34	42	59	36	44	62
			4 Core throw	12	18	36	16	24	43	20	30	48	24	36	53	28	40	57	32	43	61	36	46	64	39	48	68	41	50	71
			CFM	670			900			1120			1340			1570			1790			2020			2240			2470		
			NC	<20			21			27			31			35			39			42			45			47		
18	18	2.25	1 Core throw	7	10	20	9	14	24	11	17	27	13	20	29	16	23	32	18	24	34	20	26	36	22	27	38	23	28	40
			2 Core throw	10	14	29	13	19	34	16	24	38	19	29	42	22	32	45	25	34	48	29	36	51	31	38	54	33	40	57
			3 Core throw	12	18	35	16	24	42	20	29	47	23	35	51	27	39	55	31	42	59	35	44	63	38	47	66	40	49	69
			4 Core throw	13	20	40	18	27	48	23	34	54	27	40	59	32	45	64	36	48	68	41	51	72	44	54	76	46	57	80
			CFM	830			1110			1390			1670			1950			2220			2500			2780			3060		
			NC	<20			22			27			32			36			40			43			45			48		
20	20	2.78	1 Core throw	7	11	22	10	15	27	13	19	30	15	23	33	18	25	36	20	27	38	23	28	40	24	30	42	26	31	45
			2 Core throw	11	16	32	14	21	38	18	27	42	21	32	46	25	36	50	28	38	54	32	40	57	35	42	60	36	45	63
			3 Core throw	13	19	39	17	26	46	22	33	52	26	39	57	30	44	62	35	46	66	39	49	70	42	52	73	45	55	77
			4 Core throw	15	22	45	20	30	54	25	38	60	30	45	66	35	50	71	40	54	76	45	57	80	49	60	85	51	63	89
			CFM	1010			1340			1680			2010			2350			2690			3020			3360			3690		
			NC	<20			22			28			33			37			40			44			46			49		
22	22	3.36	1 Core throw	8	12	25	11	17	29	14	21	33	17	25	36	19	28	39	22	30	42	25	31	44	27	33	47	28	35	49
			2 Core throw	12	18	35	16	23	42	20	29	47	23	35	51	27	39	55	31	42	59	35	44	63	38	47	66	40	49	69
			3 Core throw	14	22	43	19	29	51	24	36	57	29	43	62	33	48	68	38	51	72	43	54	77	47	57	81	49	60	85
			4 Core throw	17	25	50	22	33	59	28	41	66	33	50	72	39	55	78	44	59	83	50	63	88	54	66	93	56	69	98
			CFM	1200			1600			2000			2400			2800			3200			3600			4000			4400		
			NC	<20			23			29			34			38			41			44			47			49		
24	24	4.00	1 Core throw	9	14	27	12	18	32	15	23	36	18	27	39	21	30	43	24	32	46	27	34	48	29	36	51	31	38	53
			2 Core throw	13	19	38	17	26	46	21	32	51	26	38	56	30	43	60	34	46	64	38	48	68	42	51	72	44	53	75
			3 Core throw	16	23	47	21	31	56	26	39	62	31	47	68	37	52	74	42	56	79	47	59	84	51	62	88	53	65	92
			4 Core throw	18	27	54	24	36	64	30	45	72	36	54	79	42	60	85	48	64	91	54	68	97	59	72	102	62	75	107

Test Standard
- ANSI / ASHRAE standard 70
- Isothermal air used during testing.
- Data represents square neck with 4 cores.

Throw
- The numbers shown are throw distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150, 100, & 50 fpm, with the jet attached to the ceiling surface. For exposed duct installation with free, unattached jet, multiply throw distance in table x .70
- 1 core throw, 2 core throw, 3 core throw, 4 core throw indicates the number of cores discharging air in the same direction.

Sound Levels
- NC is noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10^{-12} watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands

Pressure
- P_t represents Total Pressure, inches of water, measured in the supply duct.
- P_V represents Velocity Pressure, inches of water, and is calculated (@ standard conditions) as: P_V = (Duct Velocity,fpm / 4005) ^{2}
- Static pressure may be calculated by subtracting the Velocity pressure from the Total Pressure: $P_S = P_t - P_V$

Neck Velocity
- Feet per minute (fpm), measured in the supply duct