



# ENGINEERING DATA

## 6000 Series

### 1/2" Slot Width - Supply - Horizontal Throw

1-Slot	Airflow (CFM/Linear Foot)	5	10	15	20	25	30
	Static Pressure	0.004	0.017	0.039	0.070	0.113	0.165
	1-Way Throw	1 - 2 - 7	4 - 7 - 14	7 - 11 - 19	9 - 14 - 22	12 - 18 - 25	14 - 19 - 27
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	20	29	35	40	44
2-Slot	Airflow (CFM/Linear Foot)	10	18	26	34	42	50
	Static Pressure	0.004	0.014	0.030	0.051	0.080	0.113
	1-Way Throw	2 - 4 - 12	6 - 10 - 21	10 - 15 - 25	13 - 20 - 29	16 - 23 - 32	20 - 25 - 35
	2-Way Throw	1 - 3 - 8	4 - 7 - 15	7 - 11 - 18	9 - 14 - 20	12 - 16 - 23	14 - 17 - 25
	Noise Criteria	-	22	29	35	40	43
3-Slot	Airflow (CFM/Linear Foot)	15	25	35	45	55	65
	Static Pressure	0.004	0.012	0.024	0.040	0.060	0.085
	1-Way Throw	3 - 6 - 15	7 - 13 - 25	11 - 18 - 29	15 - 23 - 33	18 - 26 - 37	22 - 28 - 40
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	22	29	34	38	41
4-Slot	Airflow (CFM/Linear Foot)	20	34	48	62	76	90
	Static Pressure	0.004	0.012	0.025	0.043	0.065	0.090
	1-Way Throw	3 - 8 - 18	10 - 15 - 29	14 - 22 - 34	18 - 27 - 39	23 - 30 - 43	27 - 33 - 47
	2-Way Throw	2 - 5 - 13	7 - 11 - 20	10 - 15 - 24	13 - 19 - 27	16 - 21 - 30	19 - 23 - 32
	Noise Criteria	-	23	31	36	40	44
5-Slot	Airflow (CFM/Linear Foot)	25	41	57	73	89	105
	Static Pressure	0.004	0.012	0.023	0.037	0.057	0.080
	1-Way Throw	4 - 9 - 21	11 - 17 - 31	16 - 24 - 37	20 - 30 - 42	25 - 33 - 47	29 - 36 - 51
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	24	31	36	40	44
6-Slot	Airflow (CFM/Linear Foot)	30	48	66	84	102	120
	Static Pressure	0.004	0.011	0.021	0.034	0.051	0.072
	1-Way Throw	5 - 10 - 23	11 - 18 - 34	17 - 26 - 40	22 - 32 - 45	26 - 35 - 50	31 - 38 - 55
	2-Way Throw	3 - 7 - 16	8 - 13 - 24	12 - 18 - 28	15 - 22 - 31	18 - 24 - 35	21 - 27 - 37
	Noise Criteria	15	24	31	36	40	43
7-Slot	Airflow (CFM/Linear Foot)	35	54	73	92	111	130
	Static Pressure	0.004	0.010	0.019	0.030	0.044	0.062
	1-Way Throw	5 - 11 - 25	11 - 19 - 36	17 - 26 - 42	22 - 33 - 47	27 - 37 - 52	31 - 40 - 56
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	16	25	31	36	40	43
8-Slot	Airflow (CFM/Linear Foot)	40	60	80	100	120	140
	Static Pressure	0.004	0.010	0.018	0.027	0.040	0.054
	1-Way Throw	6 - 13 - 28	12 - 20 - 38	18 - 28 - 44	23 - 35 - 49	27 - 38 - 54	32 - 42 - 58
	2-Way Throw	4 - 9 - 19	9 - 14 - 26	13 - 19 - 31	16 - 23 - 34	19 - 26 - 38	22 - 29 - 40
	Noise Criteria	16	24	30	35	39	42

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

NC Correction (Add to Published Data)

Throw Correction (Multiply by Published Data)

Length	Factor	Length	Factor
2	-2	2	0.7
4	0	4	1
6	2	8	1.5
8	3	10	1.7
10	5	12	1.8



# ENGINEERING DATA

## 6000 Series

### 1/2" Slot Width - Supply - Vertical Throw

1-Slot	Airflow (CFM/Linear Foot)	5	14	23	32	41	50
	Static Pressure	0.003	0.022	0.058	0.112	0.180	0.260
	Vertical Throw	1 - 2 - 5	5 - 7 - 13	8 - 11 - 16	11 - 13 - 19	12 - 15 - 22	13 - 17 - 24
	Noise Criteria	-	-	-	-	19	24
2-Slot	Airflow (CFM/Linear Foot)	10	28	46	64	82	100
	Static Pressure	0.003	0.022	0.058	0.112	0.180	0.260
	Vertical Throw	1 - 3 - 7	7 - 10 - 18	11 - 16 - 23	15 - 19 - 27	18 - 22 - 31	20 - 24 - 34
	Noise Criteria	-	-	-	15	22	27
3-Slot	Airflow (CFM/Linear Foot)	15	42	69	96	123	150
	Static Pressure	0.003	0.022	0.058	0.112	0.180	0.260
	Vertical Throw	2 - 4 - 9	8 - 12 - 22	13 - 20 - 28	19 - 23 - 33	22 - 27 - 38	24 - 30 - 42
	Noise Criteria	-	-	-	17	24	29
4-Slot	Airflow (CFM/Linear Foot)	20	56	92	128	164	200
	Static Pressure	0.003	0.022	0.058	0.112	0.180	0.260
	Vertical Throw	2 - 5 - 11	10 - 16 - 26	17 - 23 - 33	22 - 27 - 38	25 - 31 - 44	28 - 34 - 48
	Noise Criteria	-	-	-	19	26	31
5-Slot	Airflow (CFM/Linear Foot)	25	70	115	160	205	250
	Static Pressure	0.003	0.022	0.058	0.112	0.180	0.260
	Vertical Throw	2 - 5 - 12	12 - 17 - 29	19 - 26 - 37	25 - 30 - 43	28 - 35 - 49	31 - 38 - 54
	Noise Criteria	-	-	-	21	27	32
6-Slot	Airflow (CFM/Linear Foot)	30	84	138	192	246	300
	Static Pressure	0.003	0.022	0.058	0.112	0.180	0.260
	Vertical Throw	3 - 6 - 14	13 - 19 - 32	21 - 28 - 40	27 - 33 - 47	31 - 38 - 54	34 - 42 - 59
	Noise Criteria	-	-	-	22	28	33
7-Slot	Airflow (CFM/Linear Foot)	35	98	161	224	287	350
	Static Pressure	0.003	0.022	0.058	0.112	0.180	0.260
	Vertical Throw	3 - 6 - 14	13 - 20 - 35	22 - 30 - 43	29 - 36 - 51	33 - 41 - 58	37 - 45 - 64
	Noise Criteria	-	-	-	22	29	34
8-Slot	Airflow (CFM/Linear Foot)	40	112	184	256	328	400
	Static Pressure	0.003	0.022	0.058	0.112	0.180	0.260
	Vertical Throw	3 - 6 - 15	14 - 21 - 37	23 - 33 - 46	31 - 38 - 54	36 - 44 - 62	39 - 48 - 68
	Noise Criteria	-	-	15	24	30	35

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

#### NC Correction (Add to Published Data)

Length	Factor
2	-2
4	0
6	2
8	3
10	5

#### Throw Correction (Multiply by Published Data)

Length	Factor
2	0.7
4	1
8	1.5
10	1.7
12	1.8



# ENGINEERING DATA

## 6000 Series

### 1/2" Slot Width - Return

1-Slot	Airflow (CFM/Linear Foot)	5	16	27	38	49	60
	Static Pressure (Negative)	0.003	0.030	0.085	0.165	0.270	0.400
	Noise Criteria	-	-	22	29	33	38
2-Slot	Airflow (CFM/Linear Foot)	10	32	54	76	98	120
	Static Pressure (Negative)	0.003	0.030	0.085	0.165	0.270	0.400
	Noise Criteria	-	15	25	31	36	40
3-Slot	Airflow (CFM/Linear Foot)	15	46	77	108	139	170
	Static Pressure (Negative)	0.003	0.028	0.079	0.150	0.245	0.370
	Noise Criteria	-	16	26	32	37	41
4-Slot	Airflow (CFM/Linear Foot)	20	60	100	140	180	220
	Static Pressure (Negative)	0.003	0.027	0.073	0.143	0.238	0.350
	Noise Criteria	-	18	27	33	37	41
5-Slot	Airflow (CFM/Linear Foot)	25	72	119	166	213	260
	Static Pressure (Negative)	0.003	0.024	0.065	0.125	0.210	0.310
	Noise Criteria	-	19	27	33	37	41
6-Slot	Airflow (CFM/Linear Foot)	30	86	142	198	254	310
	Static Pressure (Negative)	0.003	0.024	0.065	0.125	0.210	0.310
	Noise Criteria	-	20	28	34	38	42
7-Slot	Airflow (CFM/Linear Foot)	35	98	161	224	287	350
	Static Pressure (Negative)	0.003	0.024	0.060	0.120	0.195	0.280
	Noise Criteria	-	20	28	34	38	42
8-Slot	Airflow (CFM/Linear Foot)	40	112	184	256	328	400
	Static Pressure (Negative)	0.003	0.024	0.062	0.120	0.195	0.285
	Noise Criteria	-	20	29	35	39	42

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

#### NC Correction (Add to Published Data)

Length	Factor
2	-2
4	0
6	2
8	3
10	5



# ENGINEERING DATA

## 6000 Series

### 3/4" Slot Width - Supply - Horizontal Throw

1-Slot	Airflow (CFM/Linear Foot)	5	12	19	26	33	40
	Static Pressure	0.003	0.019	0.048	0.092	0.150	0.225
	1-Way Throw	1 - 2 - 7	4 - 8 - 16	9 - 13 - 22	12 - 17 - 25	15 - 20 - 29	18 - 22 - 32
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	19	27	34	39
2-Slot	Airflow (CFM/Linear Foot)	10	23	36	49	62	75
	Static Pressure	0.003	0.017	0.042	0.082	0.130	0.195
	1-Way Throw	1 - 3 - 10	7 - 12 - 24	12 - 18 - 30	17 - 25 - 35	21 - 28 - 40	25 - 30 - 44
	2-Way Throw	1 - 2 - 7	4 - 8 - 16	8 - 13 - 20	11 - 17 - 24	14 - 19 - 27	17 - 21 - 30
	Noise Criteria	-	-	22	30	36	41
3-Slot	Airflow (CFM/Linear Foot)	15	32	49	66	83	100
	Static Pressure	0.003	0.015	0.035	0.064	0.105	0.150
	1-Way Throw	2 - 4 - 13	9 - 14 - 28	15 - 22 - 34	19 - 29 - 40	24 - 32 - 45	29 - 35 - 49
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	21	28	34	39
4-Slot	Airflow (CFM/Linear Foot)	20	44	68	92	116	140
	Static Pressure	0.003	0.015	0.038	0.070	0.115	0.170
	1-Way Throw	2 - 5 - 16	10 - 17 - 32	18 - 26 - 40	24 - 33 - 46	30 - 37 - 53	33 - 40 - 57
	2-Way Throw	2 - 4 - 11	8 - 12 - 22	13 - 19 - 28	17 - 23 - 33	21 - 26 - 37	23 - 29 - 40
	Noise Criteria	-	-	24	32	37	42
5-Slot	Airflow (CFM/Linear Foot)	25	54	83	112	141	170
	Static Pressure	0.003	0.015	0.037	0.068	0.108	0.160
	1-Way Throw	3 - 6 - 18	12 - 20 - 36	20 - 29 - 44	27 - 37 - 51	34 - 41 - 58	37 - 45 - 64
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	24	32	37	42
6-Slot	Airflow (CFM/Linear Foot)	30	64	98	132	166	200
	Static Pressure	0.003	0.015	0.035	0.065	0.105	0.155
	1-Way Throw	3 - 7 - 20	13 - 21 - 39	21 - 32 - 48	29 - 40 - 56	37 - 45 - 63	40 - 49 - 70
	2-Way Throw	2 - 4 - 13	9 - 14 - 27	15 - 22 - 34	20 - 28 - 39	25 - 31 - 45	28 - 35 - 49
	Noise Criteria	-	15	25	32	38	43
7-Slot	Airflow (CFM/Linear Foot)	35	73	111	149	187	225
	Static Pressure	0.003	0.014	0.033	0.060	0.098	0.142
	1-Way Throw	3 - 7 - 22	13 - 22 - 42	22 - 34 - 52	30 - 42 - 59	38 - 47 - 67	42 - 52 - 74
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	15	25	32	38	43
8-Slot	Airflow (CFM/Linear Foot)	40	82	124	166	208	250
	Static Pressure	0.003	0.014	0.031	0.058	0.093	0.135
	1-Way Throw	4 - 9 - 23	16 - 24 - 45	24 - 37 - 55	33 - 45 - 63	41 - 49 - 71	45 - 55 - 79
	2-Way Throw	3 - 6 - 16	11 - 17 - 31	17 - 25 - 38	22 - 30 - 44	28 - 35 - 49	31 - 38 - 54
	Noise Criteria	-	-	25	32	38	42

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

NC Correction (Add to Published Data)

Throw Correction (Multiply by Published Data)

Length	Factor	Length	Factor
2	-2	2	0.7
4	0	4	1
6	2	8	1.5
8	3	10	1.7
10	5	12	1.8



# ENGINEERING DATA

## 6000 Series

### 3/4" Slot Width - Supply - Vertical Throw

1-Slot	Airflow (CFM/Linear Foot)	25	55	85	115	145	175
	Static Pressure	0.050	0.250	0.580	1.100	1.700	2.550
	Throw	8 - 12 - 17	14 - 18 - 25	18 - 22 - 31	21 - 25 - 36	23 - 29 - 41	26 - 32 - 44
	Noise Criteria	-	17	26	32	36	40
2-Slot	Airflow (CFM/Linear Foot)	35	88	141	194	247	300
	Static Pressure	0.024	0.160	0.400	0.750	1.250	1.800
	Throw	8 - 12 - 20	18 - 23 - 32	23 - 28 - 40	27 - 33 - 47	30 - 37 - 53	34 - 42 - 59
	Noise Criteria	-	17	26	32	37	41
3-Slot	Airflow (CFM/Linear Foot)	45	116	187	258	329	400
	Static Pressure	0.018	0.120	0.310	0.600	1.000	1.450
	Throw	8 - 13 - 23	21 - 26 - 36	27 - 33 - 46	31 - 38 - 54	36 - 43 - 61	39 - 48 - 68
	Noise Criteria	-	16	25	32	37	41
4-Slot	Airflow (CFM/Linear Foot)	55	139	223	307	391	475
	Static Pressure	0.016	0.100	0.255	0.480	0.780	1.150
	Throw	9 - 13 - 25	22 - 28 - 40	29 - 36 - 51	34 - 42 - 59	39 - 48 - 67	43 - 52 - 73
	Noise Criteria	-	15	25	31	36	40
5-Slot	Airflow (CFM/Linear Foot)	65	162	259	356	453	550
	Static Pressure	0.021	0.130	0.328	0.620	1.030	1.500
	Throw	10 - 14 - 27	23 - 30 - 44	32 - 38 - 55	37 - 45 - 64	42 - 50 - 73	46 - 56 - 79
	Noise Criteria	-	15	24	31	36	40
6-Slot	Airflow (CFM/Linear Foot)	70	176	282	388	494	600
	Static Pressure	0.011	0.070	0.180	0.340	0.550	0.800
	Throw	9 - 14 - 28	23 - 32 - 45	33 - 40 - 56	39 - 46 - 66	43 - 53 - 75	48 - 59 - 83
	Noise Criteria	-	-	23	29	34	38
7-Slot	Airflow (CFM/Linear Foot)	85	208	331	454	577	700
	Static Pressure	0.013	0.073	0.185	0.345	0.550	0.820
	Throw	10 - 16 - 30	26 - 34 - 49	36 - 44 - 61	41 - 50 - 71	47 - 57 - 81	52 - 63 - 90
	Noise Criteria	-	-	24	30	35	39
8-Slot	Airflow (CFM/Linear Foot)	100	230	360	490	620	750
	Static Pressure	0.013	0.067	0.165	0.310	0.500	0.720
	Throw	12 - 18 - 34	28 - 36 - 52	37 - 45 - 65	43 - 52 - 75	49 - 59 - 84	54 - 66 - 92
	Noise Criteria	-	-	23	30	34	38

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

#### NC Correction (Add to Published Data)

Length	Factor
2	-2
4	0
6	2
8	3
10	5

#### Throw Correction (Multiply by Published Data)

Length	Factor
2	0.7
4	1
8	1.5
10	1.7
12	1.8



# ENGINEERING DATA

## 6000 Series

### 3/4" Slot Width - Return

1-Slot	Airflow (CFM/Linear Foot)	10	24	38	52	66	80
	Static Pressure (Negative)	0.008	0.043	0.105	0.190	0.305	0.450
	Noise Criteria	-	-	21	28	33	38
2-Slot	Airflow (CFM/Linear Foot)	10	40	70	100	130	160
	Static Pressure (Negative)	0.002	0.031	0.090	0.180	0.305	0.450
	Noise Criteria	-	-	22	30	35	40
3-Slot	Airflow (CFM/Linear Foot)	20	60	100	140	180	220
	Static Pressure (Negative)	0.004	0.030	0.082	0.160	0.255	0.380
	Noise Criteria	-	-	22	29	35	40
4-Slot	Airflow (CFM/Linear Foot)	20	76	132	188	244	300
	Static Pressure (Negative)	0.002	0.028	0.080	0.160	0.265	0.385
	Noise Criteria	-	-	24	31	37	41
5-Slot	Airflow (CFM/Linear Foot)	20	92	164	236	308	380
	Static Pressure (Negative)	0.001	0.026	0.079	0.160	0.265	0.400
	Noise Criteria	-	-	24	32	37	41
6-Slot	Airflow (CFM/Linear Foot)	30	108	186	264	342	420
	Static Pressure (Negative)	0.002	0.025	0.071	0.140	0.230	0.335
	Noise Criteria	-	-	25	32	37	41
7-Slot	Airflow (CFM/Linear Foot)	40	132	224	316	408	500
	Static Pressure (Negative)	0.003	0.027	0.075	0.145	0.235	0.350
	Noise Criteria	-	-	25	32	38	42
8-Slot	Airflow (CFM/Linear Foot)	50	160	270	380	490	600
	Static Pressure (Negative)	0.003	0.030	0.085	0.160	0.265	0.395
	Noise Criteria	-	16	27	34	40	44

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

#### NC Correction (Add to Published Data)

Length	Factor
2	-2
4	0
6	2
8	3
10	5



# ENGINEERING DATA

## 6000 Series

### 1" Slot Width - Supply - Horizontal Throw

1-Slot	Airflow (CFM/Linear Foot)	5	16	27	38	49	60
	Static Pressure	0.003	0.029	0.080	0.155	0.255	0.380
	1-Way Throw	1 - 1 - 4	5 - 10 - 20	11 - 17 - 26	15 - 22 - 30	20 - 25 - 35	23 - 27 - 39
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	19	27	33	38
2-Slot	Airflow (CFM/Linear Foot)	10	28	46	64	82	100
	Static Pressure	0.003	0.023	0.058	0.110	0.183	0.265
	1-Way Throw	1 - 2 - 9	8 - 13 - 26	14 - 22 - 33	20 - 28 - 38	26 - 31 - 44	28 - 35 - 48
	2-Way Throw	1 - 2 - 7	6 - 9 - 18	10 - 15 - 24	14 - 19 - 28	18 - 22 - 31	20 - 24 - 35
	Noise Criteria	-	-	18	26	32	37
3-Slot	Airflow (CFM/Linear Foot)	15	44	73	102	131	160
	Static Pressure	0.003	0.025	0.065	0.125	0.205	0.300
	1-Way Throw	1 - 3 - 12	12 - 18 - 33	20 - 30 - 42	27 - 35 - 49	32 - 40 - 56	35 - 44 - 62
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	21	29	35	40
4-Slot	Airflow (CFM/Linear Foot)	25	62	99	136	173	210
	Static Pressure	0.005	0.028	0.068	0.125	0.200	0.290
	1-Way Throw	3 - 7 - 17	15 - 22 - 39	24 - 35 - 48	32 - 40 - 57	37 - 46 - 65	41 - 50 - 70
	2-Way Throw	2 - 4 - 12	10 - 15 - 27	16 - 24 - 34	22 - 28 - 40	26 - 32 - 45	29 - 35 - 49
	Noise Criteria	-	-	23	31	36	41
5-Slot	Airflow (CFM/Linear Foot)	30	72	114	156	198	240
	Static Pressure	0.004	0.024	0.058	0.107	0.168	0.245
	1-Way Throw	3 - 6 - 19	15 - 23 - 43	25 - 37 - 52	34 - 44 - 60	40 - 49 - 68	44 - 54 - 75
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	22	30	36	41
6-Slot	Airflow (CFM/Linear Foot)	35	84	133	182	231	280
	Static Pressure	0.004	0.022	0.054	0.100	0.162	0.236
	1-Way Throw	3 - 7 - 21	16 - 25 - 46	27 - 40 - 57	37 - 47 - 66	44 - 53 - 75	48 - 59 - 82
	2-Way Throw	2 - 5 - 14	11 - 17 - 31	18 - 27 - 40	25 - 33 - 46	30 - 37 - 52	33 - 41 - 57
	Noise Criteria	-	-	22	30	36	41
7-Slot	Airflow (CFM/Linear Foot)	40	94	148	202	256	310
	Static Pressure	0.004	0.020	0.048	0.087	0.135	0.200
	1-Way Throw	3 - 6 - 22	15 - 26 - 48	27 - 40 - 60	37 - 50 - 69	45 - 55 - 78	50 - 60 - 86
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	22	30	36	41
8-Slot	Airflow (CFM/Linear Foot)	45	106	167	228	289	350
	Static Pressure	0.004	0.020	0.048	0.087	0.135	0.200
	1-Way Throw	4 - 8 - 23	18 - 28 - 51	29 - 42 - 64	39 - 51 - 73	49 - 59 - 82	53 - 64 - 91
	2-Way Throw	2 - 5 - 16	13 - 19 - 35	20 - 29 - 44	27 - 36 - 52	33 - 41 - 59	37 - 45 - 65
	Noise Criteria	-	-	22	30	36	41

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

NC Correction (Add to Published Data)

Throw Correction (Multiply by Published Data)

Length	Factor	Length	Factor
2	-2	2	0.7
4	0	4	1
6	2	8	1.5
8	3	10	1.7
10	5	12	1.8



# ENGINEERING DATA

## 6000 Series

### 1" Slot Width - Supply - Vertical Throw

1-Slot	Airflow (CFM/Linear Foot)	25	58	91	124	157	190
	Static Pressure	0.042	0.210	0.490	0.900	1.400	2.100
	Throw	7 - 10 - 17	15 - 18 - 26	19 - 23 - 33	22 - 27 - 38	25 - 31 - 43	27 - 33 - 47
	Noise Criteria	-	-	23	29	34	38
2-Slot	Airflow (CFM/Linear Foot)	35	98	161	224	287	350
	Static Pressure	0.021	0.151	0.390	0.750	1.200	1.800
	Throw	7 - 11 - 20	19 - 24 - 33	24 - 30 - 43	29 - 35 - 50	33 - 40 - 56	36 - 44 - 63
	Noise Criteria	-	-	24	30	35	39
3-Slot	Airflow (CFM/Linear Foot)	45	132	219	306	393	480
	Static Pressure	0.016	0.125	0.330	0.600	1.020	1.500
	Throw	8 - 12 - 23	23 - 28 - 39	29 - 36 - 50	34 - 42 - 59	39 - 48 - 67	43 - 52 - 74
	Noise Criteria	-	-	24	30	35	39
4-Slot	Airflow (CFM/Linear Foot)	55	160	265	370	475	580
	Static Pressure	0.014	0.105	0.265	0.520	0.850	1.300
	Throw	8 - 12 - 25	24 - 30 - 43	32 - 39 - 55	37 - 46 - 65	43 - 52 - 73	47 - 58 - 80
	Noise Criteria	-	-	23	30	35	39
5-Slot	Airflow (CFM/Linear Foot)	65	192	319	446	573	700
	Static Pressure	0.012	0.095	0.258	0.490	0.800	1.200
	Throw	9 - 13 - 27	26 - 33 - 46	35 - 43 - 60	41 - 49 - 70	45 - 56 - 80	50 - 62 - 88
	Noise Criteria	-	-	24	30	35	39
6-Slot	Airflow (CFM/Linear Foot)	70	216	362	508	654	800
	Static Pressure	0.010	0.085	0.225	0.430	0.720	1.115
	Throw	8 - 13 - 25	26 - 35 - 49	37 - 45 - 64	43 - 54 - 75	49 - 61 - 86	55 - 67 - 93
	Noise Criteria	-	-	24	30	35	39
7-Slot	Airflow (CFM/Linear Foot)	85	248	411	574	737	900
	Static Pressure	0.011	0.083	0.220	0.425	0.715	1.000
	Throw	10 - 15 - 29	29 - 37 - 53	40 - 48 - 69	47 - 57 - 80	53 - 65 - 91	59 - 71 - 101
	Noise Criteria	-	15	24	30	35	39
8-Slot	Airflow (CFM/Linear Foot)	100	270	440	610	780	950
	Static Pressure	0.011	0.076	0.192	0.355	0.560	0.820
	Throw	11 - 17 - 33	30 - 39 - 56	41 - 51 - 71	48 - 59 - 83	54 - 67 - 94	60 - 73 - 103
	Noise Criteria	-	15	24	30	35	39

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

#### NC Correction (Add to Published Data)

Length	Factor
2	-2
4	0
6	2
8	3
10	5

#### Throw Correction (Multiply by Published Data)

Length	Factor
2	0.7
4	1
8	1.5
10	1.7
12	1.8





# ENGINEERING DATA

## 6000 Series

### 1" Slot Width - Return

1-Slot	Airflow (CFM/Linear Foot)	20	38	56	74	92	110
	Static Pressure (Negative)	0.017	0.062	0.140	0.240	0.380	0.5300
	Noise Criteria	-	19	26	31	35	39
2-Slot	Airflow (CFM/Linear Foot)	30	64	98	132	166	200
	Static Pressure (Negative)	0.010	0.043	0.100	0.190	0.300	0.440
	Noise Criteria	-	20	27	32	36	39
3-Slot	Airflow (CFM/Linear Foot)	35	84	133	182	231	280
	Static Pressure (Negative)	0.006	0.033	0.085	0.160	0.260	0.385
	Noise Criteria	-	19	27	32	36	40
4-Slot	Airflow (CFM/Linear Foot)	40	108	176	244	312	380
	Static Pressure (Negative)	0.004	0.030	0.082	0.160	0.260	0.385
	Noise Criteria	-	20	28	34	38	42
5-Slot	Airflow (CFM/Linear Foot)	50	130	210	290	370	450
	Static Pressure (Negative)	0.004	0.029	0.081	0.155	0.250	0.380
	Noise Criteria	-	20	28	34	38	42
6-Slot	Airflow (CFM/Linear Foot)	60	158	256	354	452	550
	Static Pressure (Negative)	0.004	0.029	0.081	0.155	0.250	0.380
	Noise Criteria	-	21	29	35	39	43
7-Slot	Airflow (CFM/Linear Foot)	70	186	302	418	534	650
	Static Pressure (Negative)	0.004	0.030	0.080	0.150	0.250	0.380
	Noise Criteria	-	22	30	36	40	43
8-Slot	Airflow (CFM/Linear Foot)	80	209	338	467	596	725
	Static Pressure (Negative)	0.004	0.030	0.080	0.150	0.250	0.380
	Noise Criteria	-	22	30	36	40	43

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

#### NC Correction (Add to Published Data)

Length	Factor
2	-2
4	0
6	2
8	3
10	5



# ENGINEERING DATA

## 6000 Series

### 1½" Slot Width - Supply - Horizontal Throw

1-Slot	Airflow (CFM/Linear Foot)	15	27	39	51	63	75
	Static Pressure	0.030	0.097	0.200	0.340	0.525	0.740
	1-Way Throw	9 - 13 - 19	15 - 18 - 26	18 - 22 - 31	20 - 25 - 35	23 - 28 - 39	25 - 30 - 42
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	24	32	37	42
2-Slot	Airflow (CFM/Linear Foot)	30	51	72	93	114	135
	Static Pressure	0.031	0.087	0.173	0.287	0.435	0.600
	1-Way Throw	12 - 18 - 27	20 - 25 - 35	24 - 29 - 41	27 - 33 - 47	30 - 37 - 52	33 - 40 - 56
	2-Way Throw	8 - 12 - 19	14 - 18 - 25	17 - 21 - 30	19 - 24 - 34	22 - 26 - 37	23 - 29 - 41
	Noise Criteria	-	16	25	32	38	42
3-Slot	Airflow (CFM/Linear Foot)	45	73	101	129	157	185
	Static Pressure	0.031	0.080	0.152	0.245	0.360	0.500
	1-Way Throw	14 - 21 - 33	23 - 29 - 41	28 - 34 - 49	32 - 39 - 55	35 - 43 - 61	38 - 47 - 66
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	17	26	32	37	42
4-Slot	Airflow (CFM/Linear Foot)	60	98	136	174	212	250
	Static Pressure	0.031	0.080	0.155	0.247	0.365	0.505
	1-Way Throw	16 - 25 - 38	27 - 34 - 48	33 - 40 - 57	37 - 46 - 64	41 - 51 - 71	45 - 54 - 77
	2-Way Throw	12 - 17 - 27	19 - 24 - 34	23 - 28 - 40	27 - 33 - 45	29 - 35 - 50	31 - 38 - 57
	Noise Criteria	-	19	28	34	39	43

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

NC Correction (Add to Published Data)

Throw Correction (Multiply by Published Data)

Length	Factor	Length	Factor
2	-2	2	0.7
4	0	4	1
6	2	8	1.5
8	3	10	1.7
10	5	12	1.8



# ENGINEERING DATA

## 6000 Series

### 1½" Slot Width - Supply - Vertical Throw

1-Slot	Airflow (CFM/Linear Foot)	15	31	47	63	79	95
	Static Pressure	0.016	0.067	0.147	0.260	0.405	0.570
	Vertical Throw	5 - 7 - 13	10 - 13 - 19	13 - 16 - 23	16 - 19 - 27	17 - 21 - 30	19 - 23 - 33
	Noise Criteria	-	-	18	27	33	39
2-Slot	Airflow (CFM/Linear Foot)	20	48	76	104	132	160
	Static Pressure	0.007	0.040	0.097	0.175	0.275	0.410
	Vertical Throw	5 - 8 - 15	12 - 16 - 23	17 - 21 - 29	20 - 24 - 33	22 - 27 - 38	24 - 30 - 42
	Noise Criteria	-	-	15	25	32	38
3-Slot	Airflow (CFM/Linear Foot)	25	71	117	163	209	255
	Static Pressure	0.005	0.037	0.098	0.185	0.297	0.435
	Vertical Throw	5 - 7 - 15	14 - 20 - 28	21 - 25 - 36	24 - 30 - 42	28 - 33 - 48	31 - 37 - 53
	Noise Criteria	-	-	18	28	36	42
4-Slot	Airflow (CFM/Linear Foot)	35	88	141	194	247	300
	Static Pressure	0.006	0.033	0.082	0.150	0.240	0.350
	Vertical Throw	6 - 10 - 18	16 - 23 - 32	23 - 28 - 40	28 - 34 - 47	30 - 37 - 53	34 - 42 - 59
	Noise Criteria	-	-	16	26	33	40

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

#### NC Correction (Add to Published Data)

Length	Factor
2	-2
4	0
6	2
8	3
10	5

#### Throw Correction (Multiply by Published Data)

Length	Factor
2	0.7
4	1
8	1.5
10	1.7
12	1.8



# ENGINEERING DATA

## 6000 Series

### 2" Slot Width - Supply - Horizontal Throw

1-Slot	Airflow (CFM/Linear Foot)	15	27	39	51	63	75
	Static Pressure	0.039	0.122	0.250	0.430	0.640	0.900
	1-Way Throw	9 - 13 - 19	15 - 18 - 25	18 - 22 - 31	20 - 25 - 35	22 - 28 - 39	24 - 30 - 42
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	15	25	33	38	43
2-Slot	Airflow (CFM/Linear Foot)	20	41	62	83	104	125
	Static Pressure	0.018	0.073	0.160	0.280	0.440	0.630
	1-Way Throw	9 - 13 - 22	18 - 22 - 31	22 - 27 - 38	25 - 31 - 43	28 - 35 - 49	31 - 38 - 53
	2-Way Throw	6 - 9 - 15	12 - 16 - 22	16 - 19 - 28	18 - 23 - 32	20 - 25 - 36	23 - 28 - 39
	Noise Criteria	-	-	22	29	35	40
3-Slot	Airflow (CFM/Linear Foot)	25	54	83	112	141	170
	Static Pressure	0.012	0.054	0.125	0.225	0.360	0.505
	1-Way Throw	9 - 13 - 24	19 - 25 - 36	26 - 31 - 44	30 - 36 - 51	34 - 41 - 57	36 - 45 - 64
	2-Way Throw	N/A	N/A	N/A	N/A	N/A	N/A
	Noise Criteria	-	-	21	29	35	40
4-Slot	Airflow (CFM/Linear Foot)	35	73	111	149	187	225
	Static Pressure	0.013	0.055	0.123	0.220	0.340	0.503
	1-Way Throw	11 - 16 - 29	23 - 29 - 41	30 - 36 - 51	34 - 42 - 60	39 - 47 - 67	42 - 51 - 73
	2-Way Throw	8 - 11 - 20	16 - 21 - 30	21 - 26 - 36	24 - 30 - 42	27 - 33 - 47	30 - 36 - 52
	Noise Criteria	-	-	23	30	36	41

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

NC Correction (Add to Published Data)      Throw Correction (Multiply by Published Data)

Length	Factor	Length	Factor
2	-2	2	0.7
4	0	4	1
6	2	8	1.5
8	3	10	1.7
10	5	12	1.8



# ENGINEERING DATA

## 6000 Series

### 2" Slot Width - Supply - Vertical Throw

1-Slot	Airflow (CFM/Linear Foot)	15	31	47	63	79	95
	Static Pressure	0.018	0.072	0.160	0.280	0.430	0.620
	Vertical Throw	6 - 9 - 13	11 - 13 - 19	13 - 16 - 23	15 - 19 - 27	17 - 21 - 30	19 - 23 - 33
	Noise Criteria	-	-	15	25	34	40
2-Slot	Airflow (CFM/Linear Foot)	25	56	87	118	149	180
	Static Pressure	0.013	0.059	0.136	0.245	0.385	0.550
	Vertical Throw	6 - 10 - 17	14 - 18 - 25	18 - 22 - 31	21 - 26 - 37	24 - 29 - 41	26 - 32 - 45
	Noise Criteria	-	-	16	28	36	43
3-Slot	Airflow (CFM/Linear Foot)	35	78	121	164	207	250
	Static Pressure	0.011	0.05	0.115	0.210	0.325	0.460
	Vertical Throw	8 - 12 - 20	17 - 21 - 30	21 - 26 - 37	25 - 31 - 43	28 - 35 - 48	31 - 38 - 53
	Noise Criteria	-	-	16	26	34	40
4-Slot	Airflow (CFM/Linear Foot)	45	100	155	210	265	320
	Static Pressure	0.01	0.047	0.108	0.193	0.300	0.440
	Vertical Throw	9 - 13 - 22	19 - 23 - 33	24 - 29 - 41	28 - 34 - 48	31 - 38 - 53	34 - 42 - 60
	Noise Criteria	-	-	16	26	34	40

#### Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70 at isothermal conditions
2. Test data based on 4' active diffuser length with diffuser only (see correction factor tables for other lengths)
3. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
4. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
5. Dash " - " indicates NC value less than 15

#### NC Correction (Add to Published Data)

Length	Factor
2	-2
4	0
6	2
8	3
10	5

#### Throw Correction (Multiply by Published Data)

Length	Factor
2	0.7
4	1
8	1.5
10	1.7
12	1.8



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 1/2" Slot Width, 6" Oval Inlet							
1-Slot	2	Airflow	25	35	45	55	65	75	85
		Static Pressure	0.020	0.039	0.065	0.097	0.136	0.181	0.233
		Throw	4 - 8 - 15	7 - 11 - 20	9 - 14 - 23	11 - 17 - 25	13 - 19 - 27	15 - 21 - 29	17 - 22 - 31
		Noise Criteria	12	20	26	30	34	38	41
	4	Airflow	50	65	80	95	110	125	140
		Static Pressure	0.033	0.057	0.086	0.121	0.162	0.209	0.262
		Throw	5 - 7 - 11	6 - 9 - 13	8 - 10 - 14	9 - 11 - 15	9 - 12 - 16	10 - 12 - 17	11 - 13 - 18
		Noise Criteria	18	24	29	33	36	39	42
	5	Airflow	70	85	100	115	130	145	160
		Static Pressure	0.054	0.080	0.111	0.147	0.188	0.234	0.285
		Throw	6 - 9 - 13	7 - 10 - 14	9 - 11 - 16	10 - 12 - 17	10 - 13 - 18	11 - 13 - 19	11 - 14 - 20
		Noise Criteria	22	27	31	34	37	39	42
2-Slot	2	Airflow	30	50	70	90	110	130	150
		Static Pressure	0.012	0.033	0.066	0.108	0.162	0.226	0.301
		Throw	2 - 5 - 13	6 - 11 - 22	10 - 15 - 28	13 - 20 - 32	16 - 24 - 36	19 - 27 - 39	22 - 29 - 42
		Noise Criteria	-	-	19	26	32	36	40
	4	Airflow	60	85	110	135	160	185	210
		Static Pressure	0.030	0.060	0.101	0.152	0.214	0.285	0.368
		Throw	3 - 6 - 12	6 - 9 - 14	8 - 11 - 16	9 - 13 - 18	11 - 14 - 20	12 - 15 - 21	13 - 16 - 23
		Noise Criteria	-	14	21	27	31	35	39
	5	Airflow	80	110	140	170	200	230	260
		Static Pressure	0.048	0.091	0.148	0.218	0.302	0.400	0.511
		Throw	4 - 7 - 14	7 - 10 - 16	9 - 13 - 18	10 - 14 - 20	12 - 16 - 22	14 - 17 - 24	14 - 18 - 25
		Noise Criteria	-	18	24	30	34	38	41
3-Slot	2	Airflow	60	80	100	120	140	160	180
		Static Pressure	0.035	0.063	0.098	0.141	0.192	0.251	0.317
		Throw	5 - 10 - 21	8 - 14 - 28	12 - 18 - 34	14 - 21 - 37	17 - 25 - 40	19 - 28 - 43	21 - 32 - 46
		Noise Criteria	-	17	23	28	32	36	39
	4	Airflow	120	145	170	195	220	245	270
		Static Pressure	0.102	0.149	0.204	0.269	0.342	0.424	0.515
		Throw	6 - 10 - 17	8 - 12 - 19	9 - 14 - 20	11 - 15 - 22	12 - 16 - 23	14 - 17 - 24	15 - 18 - 26
		Noise Criteria	17	22	27	31	34	37	40
	5	Airflow	140	170	200	230	260	290	320
		Static Pressure	0.129	0.191	0.264	0.349	0.446	0.555	0.676
		Throw	6 - 10 - 18	8 - 13 - 20	10 - 15 - 22	11 - 17 - 24	13 - 18 - 25	14 - 19 - 26	16 - 20 - 28
		Noise Criteria	18	23	28	32	35	38	41
4-Slot	2	Airflow	100	120	140	160	180	200	220
		Static Pressure	0.083	0.120	0.163	0.214	0.270	0.334	0.404
		Throw	8 - 15 - 31	12 - 18 - 37	14 - 22 - 40	16 - 25 - 43	18 - 28 - 46	21 - 31 - 48	23 - 34 - 50
		Noise Criteria	18	23	28	31	35	38	40
	4	Airflow	150	180	210	240	270	300	330
		Static Pressure	0.146	0.210	0.286	0.374	0.473	0.584	0.707
		Throw	7 - 11 - 19	9 - 13 - 21	10 - 15 - 23	12 - 17 - 24	13 - 18 - 26	15 - 19 - 27	16 - 20 - 28
		Noise Criteria	19	24	28	32	35	38	41
	5	Airflow	180	215	250	285	320	355	390
		Static Pressure	0.200	0.285	0.385	0.501	0.631	0.777	0.937
		Throw	7 - 12 - 21	9 - 14 - 23	11 - 16 - 25	12 - 18 - 26	14 - 20 - 28	15 - 21 - 29	17 - 22 - 31
		Noise Criteria	21	25	30	33	36	39	42

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 1/2" Slot Width, 8" Oval Inlet							
1-Slot	2	Airflow	30	43	55	68	80	93	105
		Static Pressure	0.031	0.062	0.104	0.157	0.220	0.294	0.379
		Throw	6 - 9 - 18	9 - 13 - 22	11 - 17 - 25	14 - 20 - 28	16 - 21 - 30	19 - 23 - 33	20 - 25 - 35
		Noise Criteria	12	20	26	31	35	39	42
	4	Airflow	50	70	90	110	130	150	170
		Static Pressure	0.022	0.044	0.072	0.107	0.150	0.200	0.257
		Throw	5 - 7 - 11	7 - 9 - 13	9 - 10 - 15	9 - 12 - 16	10 - 13 - 18	11 - 13 - 19	12 - 14 - 20
		Noise Criteria	14	21	27	32	36	40	42
	5	Airflow	70	90	110	130	150	170	190
		Static Pressure	0.033	0.054	0.081	0.113	0.151	0.193	0.242
		Throw	6 - 9 - 13	8 - 10 - 15	9 - 12 - 16	10 - 13 - 18	11 - 13 - 19	12 - 14 - 20	12 - 15 - 21
		Noise Criteria	18	24	29	33	36	39	42
2-Slot	2	Airflow	40	63	85	108	130	153	175
		Static Pressure	0.014	0.035	0.064	0.103	0.150	0.206	0.272
		Throw	4 - 8 - 17	9 - 14 - 27	12 - 19 - 31	16 - 23 - 35	19 - 27 - 39	22 - 30 - 42	25 - 32 - 45
		Noise Criteria	-	-	19	25	30	35	39
	4	Airflow	80	110	140	170	200	230	260
		Static Pressure	0.028	0.052	0.084	0.125	0.172	0.228	0.291
		Throw	5 - 8 - 14	8 - 11 - 16	10 - 13 - 18	12 - 14 - 20	13 - 16 - 22	14 - 17 - 24	14 - 18 - 25
		Noise Criteria	-	15	22	27	32	36	39
	5	Airflow	100	135	170	205	240	275	310
		Static Pressure	0.037	0.067	0.107	0.155	0.213	0.280	0.355
		Throw	6 - 9 - 16	8 - 12 - 18	10 - 14 - 20	13 - 16 - 22	14 - 17 - 24	15 - 18 - 26	16 - 19 - 27
		Noise Criteria	-	17	24	29	33	37	40
3-Slot	2	Airflow	70	95	120	145	170	195	220
		Static Pressure	0.027	0.050	0.079	0.116	0.159	0.210	0.267
		Throw	6 - 12 - 25	11 - 17 - 33	14 - 21 - 37	17 - 26 - 41	20 - 30 - 44	23 - 34 - 47	26 - 36 - 50
		Noise Criteria	-	16	22	27	32	35	39
	4	Airflow	140	175	210	245	280	315	350
		Static Pressure	0.065	0.102	0.147	0.200	0.261	0.331	0.409
		Throw	8 - 12 - 18	10 - 15 - 21	12 - 16 - 23	14 - 17 - 24	15 - 18 - 26	16 - 20 - 28	17 - 21 - 29
		Noise Criteria	16	22	27	31	35	38	41
	5	Airflow	150	190	230	270	310	350	390
		Static Pressure	0.068	0.108	0.159	0.219	0.288	0.368	0.456
		Throw	7 - 11 - 19	9 - 14 - 21	11 - 17 - 24	13 - 18 - 26	15 - 19 - 27	17 - 21 - 29	18 - 22 - 31
		Noise Criteria	14	21	26	30	34	37	40
4-Slot	2	Airflow	120	145	170	195	220	245	270
		Static Pressure	0.062	0.091	0.125	0.164	0.209	0.259	0.314
		Throw	12 - 18 - 37	15 - 22 - 41	17 - 26 - 44	20 - 30 - 47	23 - 34 - 50	25 - 38 - 53	28 - 39 - 56
		Noise Criteria	18	23	27	31	34	37	40
	4	Airflow	200	235	270	305	340	375	410
		Static Pressure	0.117	0.161	0.213	0.272	0.338	0.411	0.491
		Throw	10 - 15 - 22	11 - 17 - 24	13 - 18 - 26	15 - 19 - 27	16 - 20 - 29	17 - 21 - 30	18 - 22 - 31
		Noise Criteria	21	25	29	33	36	38	41
	5	Airflow	220	260	300	340	380	420	460
		Static Pressure	0.130	0.182	0.243	0.312	0.389	0.475	0.570
		Throw	10 - 14 - 23	11 - 17 - 25	13 - 19 - 27	15 - 20 - 29	16 - 21 - 30	18 - 23 - 32	19 - 24 - 33
		Noise Criteria	20	25	29	32	35	38	41

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 1/2" Slot Width, 10" Oval Inlet							
1-Slot	2	Airflow	30	45	60	75	90	105	120
		Static Pressure	0.044	0.099	0.176	0.276	0.397	0.540	0.706
		Throw	6 - 9 - 18	9 - 14 - 23	12 - 18 - 26	15 - 21 - 29	18 - 23 - 32	20 - 25 - 35	21 - 26 - 37
		Noise Criteria	-	19	26	31	35	39	42
	4	Airflow	50	73	95	118	140	163	185
		Static Pressure	0.020	0.041	0.071	0.109	0.154	0.208	0.269
		Throw	5 - 7 - 11	7 - 9 - 13	9 - 11 - 15	10 - 12 - 17	11 - 13 - 18	11 - 14 - 20	12 - 15 - 21
		Noise Criteria	-	20	26	31	35	39	42
	5	Airflow	70	95	120	145	170	195	220
		Static Pressure	0.026	0.049	0.078	0.113	0.156	0.205	0.261
		Throw	6 - 9 - 13	8 - 11 - 15	10 - 12 - 17	11 - 13 - 19	12 - 14 - 20	13 - 15 - 22	13 - 16 - 23
		Noise Criteria	15	23	28	33	36	40	42
2-Slot	2	Airflow	60	85	110	135	160	185	210
		Static Pressure	0.028	0.057	0.095	0.143	0.201	0.269	0.347
		Throw	8 - 13 - 26	12 - 19 - 31	16 - 24 - 36	20 - 28 - 39	23 - 30 - 43	27 - 33 - 46	28 - 35 - 49
		Noise Criteria	-	15	22	28	32	36	40
	4	Airflow	120	150	180	210	240	270	300
		Static Pressure	0.043	0.067	0.097	0.132	0.173	0.219	0.270
		Throw	8 - 12 - 17	10 - 13 - 19	12 - 15 - 21	13 - 16 - 23	14 - 17 - 24	15 - 18 - 26	16 - 19 - 27
		Noise Criteria	14	20	25	29	33	36	39
	5	Airflow	140	175	210	245	280	315	350
		Static Pressure	0.048	0.075	0.108	0.147	0.192	0.243	0.300
		Throw	9 - 13 - 18	11 - 15 - 21	13 - 16 - 23	14 - 17 - 24	15 - 18 - 26	16 - 20 - 28	17 - 21 - 29
		Noise Criteria	14	21	26	30	34	37	40
3-Slot	2	Airflow	80	110	140	170	200	230	260
		Static Pressure	0.027	0.050	0.082	0.120	0.167	0.221	0.282
		Throw	8 - 14 - 28	13 - 20 - 36	17 - 25 - 40	20 - 30 - 44	24 - 34 - 48	27 - 36 - 51	31 - 39 - 55
		Noise Criteria	-	16	22	28	32	36	39
	4	Airflow	160	200	240	280	320	360	400
		Static Pressure	0.055	0.085	0.123	0.167	0.218	0.276	0.341
		Throw	9 - 13 - 20	11 - 16 - 22	13 - 17 - 24	15 - 18 - 26	16 - 20 - 28	17 - 21 - 30	18 - 22 - 31
		Noise Criteria	15	22	27	31	34	38	41
	5	Airflow	180	220	260	300	340	380	420
		Static Pressure	0.060	0.090	0.125	0.167	0.214	0.267	0.326
		Throw	9 - 13 - 21	11 - 16 - 23	13 - 18 - 25	15 - 19 - 27	17 - 20 - 29	18 - 21 - 30	18 - 23 - 32
		Noise Criteria	15	21	25	29	33	36	39
4-Slot	2	Airflow	130	160	190	220	250	280	310
		Static Pressure	0.051	0.077	0.108	0.145	0.187	0.235	0.288
		Throw	13 - 20 - 39	16 - 25 - 43	20 - 29 - 47	23 - 34 - 50	26 - 38 - 54	29 - 40 - 57	32 - 42 - 60
		Noise Criteria	16	22	26	30	34	37	40
	4	Airflow	200	240	280	320	360	400	440
		Static Pressure	0.071	0.103	0.140	0.183	0.231	0.286	0.346
		Throw	10 - 15 - 22	12 - 17 - 24	14 - 18 - 26	15 - 20 - 28	17 - 21 - 30	18 - 22 - 31	19 - 23 - 33
		Noise Criteria	17	22	26	30	33	36	39
	5	Airflow	220	270	320	370	420	470	520
		Static Pressure	0.078	0.117	0.164	0.219	0.283	0.354	0.433
		Throw	10 - 14 - 23	12 - 18 - 26	14 - 20 - 28	16 - 21 - 30	18 - 23 - 32	19 - 24 - 34	20 - 25 - 35
		Noise Criteria	16	22	27	31	34	37	40

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data





# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 1/2" Slot Width, 12" Oval Inlet							
1-Slot	4	Airflow	75	100	125	150	175	200	225
		Static Pressure	0.053	0.095	0.148	0.214	0.291	0.380	0.481
		Throw	7 - 10 - 13	9 - 11 - 16	10 - 12 - 17	11 - 13 - 19	12 - 15 - 21	13 - 16 - 22	13 - 17 - 23
		Noise Criteria	16	23	28	33	36	39	42
	5	Airflow	80	110	140	170	200	230	260
		Static Pressure	0.033	0.063	0.102	0.151	0.209	0.276	0.353
		Throw	7 - 10 - 14	9 - 12 - 16	11 - 13 - 18	12 - 14 - 20	13 - 16 - 22	14 - 17 - 24	14 - 18 - 25
		Noise Criteria	14	22	28	32	36	39	42
2-Slot	4	Airflow	140	180	220	260	300	340	380
		Static Pressure	0.041	0.067	0.101	0.141	0.187	0.241	0.301
		Throw	10 - 13 - 18	12 - 15 - 21	13 - 16 - 23	14 - 18 - 25	16 - 19 - 27	17 - 20 - 29	18 - 21 - 30
		Noise Criteria	12	19	24	29	33	36	39
	5	Airflow	150	195	240	285	330	375	420
		Static Pressure	0.034	0.058	0.087	0.123	0.165	0.213	0.268
		Throw	9 - 13 - 19	12 - 15 - 22	14 - 17 - 24	15 - 19 - 26	16 - 20 - 28	17 - 21 - 30	18 - 23 - 32
		Noise Criteria	-	18	23	28	32	36	39
3-Slot	4	Airflow	170	225	280	335	390	445	500
		Static Pressure	0.035	0.062	0.096	0.137	0.186	0.242	0.306
		Throw	9 - 14 - 20	13 - 17 - 23	15 - 18 - 26	16 - 20 - 28	18 - 22 - 31	19 - 23 - 33	20 - 25 - 35
		Noise Criteria	-	19	25	30	34	38	41
	5	Airflow	200	260	320	380	440	500	560
		Static Pressure	0.039	0.066	0.101	0.142	0.190	0.246	0.308
		Throw	10 - 15 - 22	13 - 18 - 25	16 - 20 - 28	18 - 21 - 30	19 - 23 - 33	20 - 25 - 35	21 - 26 - 37
		Noise Criteria	12	19	25	30	34	37	40
4-Slot	4	Airflow	220	275	330	385	440	495	550
		Static Pressure	0.045	0.070	0.101	0.138	0.180	0.228	0.281
		Throw	11 - 16 - 23	13 - 18 - 26	16 - 20 - 28	18 - 22 - 31	19 - 23 - 33	20 - 24 - 35	21 - 26 - 36
		Noise Criteria	14	20	25	29	33	36	39
	5	Airflow	250	315	380	445	510	575	640
		Static Pressure	0.049	0.078	0.113	0.155	0.204	0.259	0.321
		Throw	11 - 16 - 25	14 - 20 - 28	16 - 21 - 30	19 - 23 - 33	20 - 25 - 35	22 - 26 - 37	23 - 28 - 39
		Noise Criteria	14	20	25	30	33	37	40

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 3/4" Slot Width, 6" Oval Inlet							
1-Slot	2	Airflow	20	35	50	65	80	95	110
		Static Pressure	0.011	0.033	0.067	0.113	0.172	0.242	0.325
		Throw	1 - 3 - 10	4 - 9 - 18	8 - 13 - 24	11 - 16 - 27	13 - 20 - 30	16 - 23 - 33	18 - 25 - 36
		Noise Criteria	-	15	23	29	34	38	42
	4	Airflow	40	63	85	108	130	153	175
		Static Pressure	0.011	0.028	0.051	0.082	0.120	0.165	0.218
		Throw	2 - 5 - 9	5 - 7 - 12	7 - 10 - 14	8 - 11 - 16	10 - 13 - 18	11 - 14 - 19	12 - 15 - 21
		Noise Criteria	-	18	25	31	35	39	42
	5	Airflow	50	75	100	125	150	175	200
		Static Pressure	0.013	0.030	0.053	0.082	0.118	0.161	0.210
		Throw	2 - 5 - 11	5 - 8 - 13	7 - 11 - 16	9 - 12 - 17	11 - 13 - 19	12 - 15 - 21	13 - 16 - 22
		Noise Criteria	-	19	26	31	35	39	42
2-Slot	2	Airflow	60	80	100	120	140	160	180
		Static Pressure	0.026	0.046	0.071	0.102	0.139	0.182	0.230
		Throw	5 - 10 - 21	8 - 14 - 28	12 - 18 - 34	14 - 21 - 37	17 - 25 - 40	19 - 28 - 43	21 - 32 - 46
		Noise Criteria	17	24	29	33	37	40	43
	4	Airflow	75	105	135	165	195	225	255
		Static Pressure	0.018	0.035	0.058	0.086	0.121	0.161	0.206
		Throw	3 - 6 - 13	5 - 9 - 16	8 - 11 - 18	9 - 14 - 20	11 - 15 - 22	13 - 17 - 23	14 - 18 - 25
		Noise Criteria	12	20	26	30	34	38	41
	5	Airflow	85	120	155	190	225	260	295
		Static Pressure	0.019	0.038	0.063	0.095	0.133	0.178	0.229
		Throw	2 - 5 - 13	5 - 9 - 17	8 - 12 - 19	9 - 14 - 21	11 - 17 - 23	13 - 18 - 25	15 - 19 - 27
		Noise Criteria	11	19	25	30	34	38	41
3-Slot	2	Airflow	60	85	110	135	160	185	210
		Static Pressure	0.015	0.031	0.051	0.077	0.109	0.145	0.187
		Throw	4 - 8 - 20	7 - 14 - 28	12 - 18 - 36	15 - 22 - 39	18 - 26 - 43	20 - 30 - 46	23 - 35 - 49
		Noise Criteria	-	19	25	30	34	37	40
	4	Airflow	100	140	180	220	260	300	340
		Static Pressure	0.023	0.045	0.074	0.111	0.155	0.207	0.265
		Throw	4 - 8 - 16	7 - 11 - 18	9 - 14 - 21	11 - 16 - 23	13 - 18 - 25	16 - 19 - 27	17 - 20 - 29
		Noise Criteria	12	20	26	31	35	38	41
	5	Airflow	120	165	210	255	300	345	390
		Static Pressure	0.029	0.054	0.088	0.129	0.179	0.237	0.303
		Throw	4 - 8 - 17	7 - 11 - 20	10 - 15 - 23	12 - 18 - 25	14 - 19 - 27	16 - 20 - 29	18 - 22 - 31
		Noise Criteria	13	21	26	31	35	38	41
4-Slot	2	Airflow	65	95	125	155	185	215	245
		Static Pressure	0.011	0.023	0.039	0.060	0.086	0.116	0.150
		Throw	2 - 4 - 16	4 - 9 - 24	7 - 16 - 31	11 - 19 - 39	15 - 23 - 46	18 - 27 - 50	21 - 31 - 53
		Noise Criteria	-	20	26	31	35	39	42
	4	Airflow	115	160	205	250	295	340	385
		Static Pressure	0.022	0.042	0.070	0.104	0.144	0.192	0.246
		Throw	2 - 5 - 14	4 - 9 - 19	7 - 12 - 22	10 - 15 - 25	12 - 17 - 27	13 - 20 - 29	15 - 22 - 31
		Noise Criteria	14	21	27	32	36	39	42
	5	Airflow	125	180	235	290	345	400	455
		Static Pressure	0.024	0.049	0.083	0.127	0.180	0.241	0.312
		Throw	2 - 4 - 13	4 - 8 - 19	6 - 12 - 24	10 - 15 - 26	12 - 18 - 29	14 - 21 - 31	16 - 23 - 33
		Noise Criteria	12	21	27	32	36	40	43

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 3/4" Slot Width, 8" Oval Inlet							
1-Slot	2	Airflow	30	45	60	75	90	105	120
		Static Pressure	0.041	0.092	0.163	0.255	0.367	0.499	0.652
		Throw	3 - 7 - 15	7 - 11 - 23	10 - 15 - 26	13 - 19 - 29	15 - 23 - 32	18 - 25 - 35	20 - 26 - 37
		Noise Criteria	-	17	23	29	33	37	40
	4	Airflow	70	90	110	130	150	170	190
		Static Pressure	0.031	0.051	0.076	0.107	0.142	0.182	0.228
		Throw	6 - 8 - 13	7 - 10 - 15	9 - 12 - 16	10 - 13 - 18	11 - 13 - 19	12 - 14 - 20	12 - 15 - 21
		Noise Criteria	17	23	27	31	35	38	40
	5	Airflow	90	115	140	165	190	215	240
		Static Pressure	0.033	0.054	0.081	0.112	0.149	0.190	0.237
		Throw	6 - 10 - 15	8 - 12 - 17	10 - 13 - 18	12 - 14 - 20	12 - 15 - 21	13 - 16 - 23	14 - 17 - 24
		Noise Criteria	19	25	30	33	37	40	42
2-Slot	2	Airflow	75	100	125	150	175	200	225
		Static Pressure	0.036	0.063	0.099	0.142	0.193	0.253	0.320
		Throw	7 - 13 - 27	12 - 18 - 34	15 - 22 - 38	18 - 27 - 42	21 - 31 - 45	24 - 34 - 48	27 - 36 - 51
		Noise Criteria	18	25	30	35	38	41	44
	4	Airflow	100	135	170	205	240	275	310
		Static Pressure	0.020	0.037	0.059	0.086	0.118	0.155	0.196
		Throw	4 - 8 - 16	8 - 11 - 18	9 - 14 - 20	11 - 16 - 22	13 - 17 - 24	15 - 18 - 26	16 - 19 - 27
		Noise Criteria	14	22	27	31	35	38	41
	5	Airflow	120	165	210	255	300	345	390
		Static Pressure	0.023	0.043	0.069	0.102	0.142	0.188	0.240
		Throw	5 - 9 - 17	8 - 12 - 20	10 - 16 - 23	13 - 18 - 25	15 - 19 - 27	17 - 20 - 29	18 - 22 - 31
		Noise Criteria	15	23	29	33	37	40	43
3-Slot	2	Airflow	75	105	135	165	195	225	255
		Static Pressure	0.017	0.034	0.056	0.083	0.116	0.154	0.198
		Throw	6 - 12 - 25	11 - 17 - 35	15 - 22 - 39	18 - 27 - 44	21 - 32 - 47	25 - 36 - 51	28 - 38 - 54
		Noise Criteria	12	20	26	31	35	38	41
	4	Airflow	115	165	215	265	315	365	415
		Static Pressure	0.017	0.036	0.060	0.092	0.130	0.174	0.225
		Throw	5 - 9 - 17	9 - 13 - 20	11 - 16 - 23	14 - 18 - 25	16 - 20 - 28	17 - 21 - 30	18 - 22 - 32
		Noise Criteria	12	20	26	31	35	39	42
	5	Airflow	125	185	245	305	365	425	485
		Static Pressure	0.017	0.037	0.064	0.100	0.143	0.194	0.252
		Throw	4 - 9 - 17	9 - 13 - 21	11 - 17 - 24	14 - 19 - 27	17 - 21 - 30	19 - 23 - 32	20 - 24 - 34
		Noise Criteria	-	19	26	31	35	39	42
4-Slot	2	Airflow	90	125	160	195	230	265	300
		Static Pressure	0.012	0.023	0.038	0.056	0.078	0.103	0.132
		Throw	4 - 8 - 23	7 - 16 - 31	12 - 20 - 40	16 - 25 - 47	19 - 29 - 51	22 - 33 - 55	25 - 38 - 59
		Noise Criteria	14	22	28	33	37	40	43
	4	Airflow	140	190	240	290	340	390	440
		Static Pressure	0.016	0.030	0.048	0.070	0.096	0.126	0.161
		Throw	3 - 7 - 17	6 - 11 - 21	9 - 14 - 24	11 - 17 - 26	13 - 20 - 29	15 - 22 - 31	17 - 23 - 33
		Noise Criteria	14	21	27	31	35	38	41
	5	Airflow	160	220	280	340	400	460	520
		Static Pressure	0.019	0.035	0.057	0.084	0.116	0.154	0.196
		Throw	3 - 7 - 17	6 - 12 - 23	9 - 15 - 26	12 - 18 - 29	14 - 21 - 31	16 - 24 - 33	18 - 25 - 35
		Noise Criteria	14	22	27	32	36	39	42

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 3/4" Slot Width, 10" Oval Inlet							
1-Slot	2	Airflow	40	60	80	100	120	140	160
		Static Pressure	0.160	0.361	0.641	1.002	1.443	1.964	2.565
		Throw	6 - 10 - 20	10 - 15 - 26	13 - 20 - 30	17 - 24 - 34	20 - 26 - 37	23 - 28 - 40	25 - 30 - 43
		Noise Criteria	11	21	28	33	37	41	44
	4	Airflow	80	105	130	155	180	205	230
		Static Pressure	0.046	0.079	0.121	0.172	0.232	0.300	0.378
		Throw	6 - 9 - 14	8 - 11 - 16	10 - 13 - 18	11 - 14 - 19	12 - 15 - 21	13 - 16 - 22	14 - 17 - 24
		Noise Criteria	17	23	29	33	36	39	42
	5	Airflow	90	120	150	180	210	240	270
		Static Pressure	0.033	0.059	0.092	0.133	0.181	0.237	0.300
		Throw	6 - 10 - 15	8 - 12 - 17	11 - 13 - 19	12 - 15 - 21	13 - 16 - 23	14 - 17 - 24	15 - 18 - 26
		Noise Criteria	16	23	28	33	36	40	42
2-Slot	2	Airflow	80	105	130	155	180	205	230
		Static Pressure	0.046	0.079	0.121	0.172	0.232	0.300	0.378
		Throw	8 - 14 - 28	12 - 19 - 35	15 - 23 - 39	18 - 28 - 42	21 - 32 - 46	24 - 34 - 49	27 - 36 - 51
		Noise Criteria	17	23	29	33	36	39	42
	4	Airflow	120	165	210	255	300	345	390
		Static Pressure	0.024	0.046	0.075	0.110	0.152	0.201	0.257
		Throw	6 - 10 - 17	9 - 14 - 20	12 - 16 - 23	14 - 18 - 25	16 - 19 - 27	17 - 20 - 29	18 - 22 - 31
		Noise Criteria	16	24	29	34	38	41	44
	5	Airflow	130	180	230	280	330	380	430
		Static Pressure	0.021	0.040	0.065	0.096	0.133	0.176	0.226
		Throw	5 - 10 - 18	9 - 13 - 21	11 - 17 - 24	14 - 18 - 26	16 - 20 - 28	18 - 21 - 30	19 - 23 - 32
		Noise Criteria	15	22	28	33	37	40	43
3-Slot	2	Airflow	100	135	170	205	240	275	310
		Static Pressure	0.028	0.051	0.081	0.118	0.161	0.212	0.269
		Throw	10 - 16 - 33	15 - 22 - 39	19 - 28 - 44	23 - 34 - 49	26 - 37 - 53	30 - 40 - 56	34 - 42 - 60
		Noise Criteria	16	23	29	33	37	40	43
	4	Airflow	130	185	240	295	350	405	460
		Static Pressure	0.016	0.033	0.056	0.084	0.119	0.159	0.205
		Throw	6 - 10 - 18	10 - 14 - 21	12 - 17 - 24	15 - 19 - 27	17 - 21 - 29	18 - 22 - 31	19 - 24 - 33
		Noise Criteria	12	20	26	31	35	39	42
	5	Airflow	150	215	280	345	410	475	540
		Static Pressure	0.017	0.035	0.059	0.090	0.127	0.171	0.221
		Throw	6 - 10 - 19	10 - 15 - 23	13 - 18 - 26	16 - 20 - 29	18 - 22 - 31	20 - 24 - 34	21 - 26 - 36
		Noise Criteria	12	20	26	31	36	39	42
4-Slot	2	Airflow	100	140	180	220	260	300	340
		Static Pressure	0.011	0.022	0.036	0.054	0.076	0.101	0.130
		Throw	4 - 10 - 25	9 - 18 - 35	15 - 23 - 45	18 - 28 - 50	22 - 33 - 55	25 - 38 - 59	28 - 43 - 63
		Noise Criteria	14	22	28	33	37	40	43
	4	Airflow	150	210	270	330	390	450	510
		Static Pressure	0.012	0.024	0.040	0.060	0.084	0.111	0.143
		Throw	4 - 8 - 18	7 - 12 - 23	11 - 16 - 26	13 - 20 - 28	15 - 22 - 31	18 - 23 - 33	20 - 25 - 35
		Noise Criteria	13	21	27	32	36	39	42
	5	Airflow	175	245	315	385	455	525	595
		Static Pressure	0.014	0.028	0.046	0.069	0.096	0.128	0.165
		Throw	3 - 8 - 19	7 - 13 - 24	11 - 17 - 28	14 - 20 - 31	16 - 23 - 33	19 - 25 - 36	21 - 27 - 38
		Noise Criteria	13	21	27	32	36	39	42

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 3/4" Slot Width, 12" Oval Inlet							
1-Slot	4	Airflow	90	120	150	180	210	240	270
		Static Pressure	0.118	0.210	0.328	0.472	0.642	0.839	1.061
		Throw	7 - 10 - 15	9 - 12 - 17	11 - 13 - 19	12 - 15 - 21	13 - 16 - 23	14 - 17 - 24	15 - 18 - 26
		Noise Criteria	16	22	28	32	36	39	42
	5	Airflow	100	135	170	205	240	275	310
		Static Pressure	0.061	0.112	0.177	0.258	0.354	0.464	0.590
		Throw	7 - 11 - 16	10 - 13 - 18	12 - 14 - 20	13 - 16 - 22	14 - 17 - 24	15 - 18 - 26	16 - 19 - 27
		Noise Criteria	15	22	27	32	35	39	42
2-Slot	4	Airflow	120	170	220	270	320	370	420
		Static Pressure	0.023	0.047	0.078	0.118	0.166	0.221	0.285
		Throw	6 - 10 - 17	9 - 14 - 20	12 - 16 - 23	15 - 18 - 26	16 - 20 - 28	17 - 21 - 30	18 - 23 - 32
		Noise Criteria	12	20	26	31	35	39	42
	5	Airflow	140	200	260	320	380	440	500
		Static Pressure	0.020	0.040	0.068	0.103	0.146	0.195	0.252
		Throw	6 - 10 - 18	10 - 15 - 22	13 - 18 - 25	16 - 20 - 28	18 - 21 - 30	19 - 23 - 33	20 - 25 - 35
		Noise Criteria	12	21	27	32	36	39	42
3-Slot	4	Airflow	160	225	290	355	420	485	550
		Static Pressure	0.019	0.037	0.061	0.092	0.128	0.171	0.220
		Throw	8 - 12 - 20	12 - 17 - 23	15 - 19 - 26	17 - 21 - 29	18 - 23 - 32	20 - 24 - 34	21 - 26 - 36
		Noise Criteria	12	21	27	31	35	39	42
	5	Airflow	180	260	340	420	500	580	660
		Static Pressure	0.017	0.035	0.059	0.091	0.129	0.173	0.224
		Throw	8 - 12 - 21	12 - 18 - 25	16 - 20 - 29	18 - 23 - 32	20 - 25 - 35	22 - 26 - 37	23 - 28 - 40
		Noise Criteria	12	21	27	32	36	40	43
4-Slot	4	Airflow	190	265	340	415	490	565	640
		Static Pressure	0.012	0.023	0.038	0.057	0.079	0.105	0.135
		Throw	6 - 11 - 21	10 - 16 - 25	13 - 20 - 29	16 - 22 - 32	19 - 24 - 34	21 - 26 - 37	23 - 28 - 39
		Noise Criteria	15	22	28	33	37	40	43
	5	Airflow	210	290	370	450	530	610	690
		Static Pressure	0.011	0.022	0.036	0.053	0.073	0.097	0.124
		Throw	5 - 11 - 22	10 - 15 - 26	13 - 20 - 30	16 - 23 - 33	19 - 25 - 36	22 - 27 - 38	24 - 29 - 41
		Noise Criteria	14	21	27	32	35	39	42

**Notes:**

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 1" Slot Width, 6" Oval Inlet							
1-Slot	2	Airflow	25	40	55	70	85	100	115
		Static Pressure	0.009	0.023	0.043	0.069	0.102	0.142	0.187
		Throw	1 - 3 - 11	4 - 8 - 17	7 - 12 - 24	10 - 15 - 28	12 - 19 - 31	15 - 22 - 34	17 - 25 - 36
		Noise Criteria	-	18	26	32	36	40	43
	4	Airflow	50	70	90	110	130	150	170
		Static Pressure	0.012	0.024	0.039	0.059	0.082	0.109	0.140
		Throw	2 - 5 - 10	4 - 7 - 13	6 - 9 - 15	8 - 11 - 16	9 - 13 - 18	10 - 13 - 19	12 - 14 - 20
		Noise Criteria	13	21	27	32	36	39	42
	5	Airflow	70	90	110	130	150	170	190
		Static Pressure	0.019	0.031	0.046	0.064	0.085	0.110	0.137
		Throw	3 - 6 - 13	5 - 8 - 15	7 - 10 - 16	8 - 12 - 18	9 - 13 - 19	10 - 14 - 20	12 - 15 - 21
		Noise Criteria	18	24	28	32	36	39	41
2-Slot	2	Airflow	60	80	100	120	140	160	180
		Static Pressure	0.017	0.031	0.049	0.070	0.095	0.124	0.157
		Throw	3 - 7 - 18	5 - 12 - 25	8 - 15 - 31	12 - 18 - 37	14 - 22 - 40	16 - 25 - 43	18 - 28 - 46
		Noise Criteria	17	24	29	34	37	41	43
	4	Airflow	70	100	130	160	190	220	250
		Static Pressure	0.012	0.025	0.042	0.064	0.090	0.121	0.156
		Throw	1 - 3 - 10	3 - 7 - 15	5 - 9 - 18	7 - 12 - 20	9 - 14 - 21	11 - 16 - 23	12 - 17 - 25
		Noise Criteria	-	19	25	30	34	37	41
	5	Airflow	80	115	150	185	220	255	290
		Static Pressure	0.014	0.028	0.048	0.073	0.104	0.139	0.180
		Throw	1 - 3 - 10	3 - 6 - 15	5 - 10 - 19	7 - 12 - 21	10 - 14 - 23	11 - 17 - 25	13 - 19 - 26
		Noise Criteria	-	19	25	30	34	38	41
3-Slot	2	Airflow	75	100	125	150	175	200	225
		Static Pressure	0.018	0.032	0.050	0.071	0.097	0.127	0.161
		Throw	3 - 6 - 19	4 - 10 - 25	7 - 16 - 31	10 - 19 - 38	14 - 22 - 44	17 - 25 - 48	19 - 28 - 51
		Noise Criteria	16	23	28	33	36	40	42
	4	Airflow	100	140	180	220	260	300	340
		Static Pressure	0.019	0.038	0.062	0.093	0.130	0.173	0.222
		Throw	2 - 4 - 12	3 - 7 - 17	5 - 11 - 21	8 - 13 - 23	10 - 15 - 25	12 - 18 - 27	13 - 20 - 29
		Noise Criteria	13	21	27	31	35	39	42
	5	Airflow	120	170	220	270	320	370	420
		Static Pressure	0.025	0.049	0.083	0.124	0.175	0.234	0.301
		Throw	2 - 4 - 13	3 - 7 - 18	6 - 12 - 23	8 - 14 - 26	11 - 17 - 28	13 - 20 - 30	15 - 22 - 32
		Noise Criteria	14	22	28	33	37	40	43
4-Slot	2	Airflow	70	105	140	175	210	245	280
		Static Pressure	0.012	0.028	0.049	0.077	0.110	0.150	0.196
		Throw	1 - 3 - 13	3 - 7 - 23	6 - 13 - 30	9 - 19 - 38	13 - 23 - 46	18 - 27 - 53	20 - 30 - 57
		Noise Criteria	-	20	27	32	36	40	43
	4	Airflow	115	165	215	265	315	365	415
		Static Pressure	0.022	0.045	0.077	0.116	0.164	0.221	0.285
		Throw	1 - 3 - 12	3 - 6 - 17	5 - 11 - 22	7 - 14 - 25	10 - 16 - 28	12 - 19 - 30	14 - 21 - 32
		Noise Criteria	12	20	26	31	35	39	42
	5	Airflow	125	180	235	290	345	400	455
		Static Pressure	0.024	0.049	0.083	0.127	0.180	0.241	0.312
		Throw	1 - 3 - 10	2 - 5 - 17	4 - 9 - 22	6 - 13 - 26	9 - 16 - 29	12 - 18 - 31	14 - 21 - 33
		Noise Criteria	-	19	25	30	34	38	41

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 1" Slot Width, 8" Oval Inlet							
1-Slot	2	Airflow	35	50	65	80	95	110	125
		Static Pressure	0.021	0.043	0.073	0.110	0.156	0.209	0.270
		Throw	3 - 6 - 15	6 - 11 - 22	9 - 14 - 27	12 - 17 - 30	14 - 21 - 33	16 - 24 - 36	18 - 27 - 38
		Noise Criteria	11	20	26	31	35	38	41
	4	Airflow	70	90	110	130	150	170	190
		Static Pressure	0.018	0.030	0.045	0.062	0.083	0.107	0.133
		Throw	4 - 7 - 13	6 - 9 - 15	8 - 11 - 16	9 - 13 - 18	10 - 13 - 19	12 - 14 - 20	12 - 15 - 21
		Noise Criteria	17	23	28	32	35	38	41
	5	Airflow	85	110	135	160	185	210	235
		Static Pressure	0.019	0.032	0.048	0.067	0.089	0.115	0.144
		Throw	4 - 8 - 14	7 - 10 - 16	8 - 12 - 18	10 - 14 - 20	11 - 15 - 21	13 - 16 - 23	14 - 17 - 24
		Noise Criteria	18	24	29	33	37	40	42
2-Slot	2	Airflow	75	95	115	135	155	175	195
		Static Pressure	0.021	0.033	0.049	0.067	0.089	0.113	0.140
		Throw	5 - 10 - 23	7 - 15 - 29	11 - 18 - 35	14 - 21 - 39	16 - 24 - 42	18 - 27 - 45	20 - 30 - 47
		Noise Criteria	19	24	29	33	36	39	41
	4	Airflow	90	125	160	195	230	265	300
		Static Pressure	0.012	0.023	0.038	0.056	0.078	0.103	0.132
		Throw	2 - 5 - 13	5 - 9 - 17	7 - 12 - 20	9 - 14 - 22	11 - 17 - 24	13 - 18 - 25	15 - 19 - 27
		Noise Criteria	12	20	26	31	35	38	41
	5	Airflow	100	145	190	235	280	325	370
		Static Pressure	0.012	0.025	0.043	0.066	0.093	0.125	0.163
		Throw	2 - 5 - 13	4 - 9 - 19	8 - 12 - 21	10 - 15 - 24	12 - 18 - 26	14 - 20 - 28	16 - 21 - 30
		Noise Criteria	11	20	27	32	36	39	42
3-Slot	2	Airflow	80	110	140	170	200	230	260
		Static Pressure	0.013	0.025	0.040	0.059	0.082	0.108	0.138
		Throw	3 - 6 - 20	5 - 12 - 28	9 - 18 - 35	13 - 21 - 43	17 - 25 - 48	19 - 29 - 51	22 - 33 - 55
		Noise Criteria	14	21	27	32	36	39	42
	4	Airflow	125	175	225	275	325	375	425
		Static Pressure	0.016	0.031	0.052	0.077	0.108	0.143	0.184
		Throw	2 - 6 - 15	5 - 10 - 21	8 - 13 - 23	11 - 16 - 26	13 - 19 - 28	15 - 21 - 30	17 - 23 - 32
		Noise Criteria	14	22	28	33	37	40	43
	5	Airflow	150	205	260	315	370	425	480
		Static Pressure	0.019	0.036	0.058	0.086	0.118	0.156	0.199
		Throw	3 - 6 - 16	5 - 11 - 22	8 - 14 - 25	11 - 17 - 28	13 - 20 - 30	15 - 23 - 32	17 - 24 - 34
		Noise Criteria	15	22	28	32	36	39	42
4-Slot	2	Airflow	90	130	170	210	250	290	330
		Static Pressure	0.012	0.025	0.043	0.065	0.092	0.124	0.160
		Throw	2 - 5 - 20	5 - 11 - 28	8 - 19 - 37	13 - 23 - 46	18 - 27 - 54	21 - 32 - 58	24 - 36 - 62
		Noise Criteria	12	21	27	32	37	40	43
	4	Airflow	140	200	260	320	380	440	500
		Static Pressure	0.016	0.033	0.056	0.085	0.120	0.161	0.207
		Throw	2 - 5 - 14	4 - 9 - 21	7 - 13 - 25	11 - 16 - 28	13 - 20 - 30	15 - 23 - 33	17 - 25 - 35
		Noise Criteria	12	21	27	32	36	39	42
	5	Airflow	160	230	300	370	440	510	580
		Static Pressure	0.019	0.038	0.065	0.099	0.141	0.189	0.244
		Throw	2 - 4 - 15	4 - 9 - 21	7 - 14 - 27	10 - 17 - 30	13 - 20 - 33	16 - 23 - 35	18 - 26 - 37
		Noise Criteria	12	21	27	32	36	39	42

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data



# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 1" Slot Width, 10" Oval Inlet							
1-Slot	2	Airflow	50	65	80	95	110	125	140
		Static Pressure	0.068	0.115	0.174	0.245	0.328	0.424	0.532
		Throw	6 - 11 - 22	9 - 14 - 27	12 - 17 - 30	14 - 21 - 33	16 - 24 - 36	18 - 27 - 38	20 - 28 - 40
		Noise Criteria	17	23	28	32	36	39	41
	4	Airflow	90	115	140	165	190	215	240
		Static Pressure	0.029	0.047	0.070	0.097	0.129	0.165	0.205
		Throw	6 - 9 - 15	8 - 12 - 17	10 - 13 - 18	11 - 14 - 20	12 - 15 - 21	13 - 16 - 23	14 - 17 - 24
		Noise Criteria	20	26	31	35	38	41	43
	5	Airflow	100	125	150	175	200	225	250
		Static Pressure	0.023	0.036	0.052	0.070	0.092	0.116	0.144
		Throw	6 - 9 - 16	8 - 11 - 17	9 - 13 - 19	11 - 15 - 21	12 - 16 - 22	13 - 17 - 23	14 - 17 - 25
		Noise Criteria	19	25	29	33	36	38	41
2-Slot	2	Airflow	90	115	140	165	190	215	240
		Static Pressure	0.029	0.047	0.070	0.097	0.129	0.165	0.205
		Throw	7 - 14 - 28	11 - 18 - 35	14 - 22 - 40	17 - 25 - 44	20 - 29 - 47	22 - 33 - 50	25 - 37 - 53
		Noise Criteria	20	26	31	35	38	41	43
	4	Airflow	100	140	180	220	260	300	340
		Static Pressure	0.011	0.022	0.036	0.054	0.076	0.101	0.130
		Throw	3 - 7 - 15	6 - 10 - 18	9 - 13 - 21	11 - 16 - 23	13 - 18 - 25	15 - 19 - 27	16 - 20 - 29
		Noise Criteria	12	20	26	31	35	38	41
	5	Airflow	110	160	210	260	310	360	410
		Static Pressure	0.010	0.022	0.038	0.058	0.083	0.111	0.145
		Throw	3 - 6 - 14	5 - 10 - 20	9 - 14 - 23	11 - 17 - 25	13 - 19 - 27	16 - 21 - 30	18 - 22 - 31
		Noise Criteria	-	20	26	31	35	39	42
3-Slot	2	Airflow	100	130	160	190	220	250	280
		Static Pressure	0.017	0.029	0.043	0.061	0.082	0.106	0.133
		Throw	4 - 10 - 25	8 - 16 - 33	12 - 20 - 40	16 - 24 - 47	18 - 28 - 50	21 - 31 - 54	23 - 35 - 57
		Noise Criteria	17	23	28	32	35	38	41
	4	Airflow	150	200	250	300	350	400	450
		Static Pressure	0.016	0.028	0.044	0.064	0.087	0.114	0.144
		Throw	4 - 8 - 18	6 - 12 - 22	10 - 15 - 25	12 - 18 - 27	14 - 21 - 29	16 - 22 - 31	18 - 23 - 33
		Noise Criteria	16	22	28	32	36	39	42
	5	Airflow	170	230	290	350	410	470	530
		Static Pressure	0.017	0.031	0.049	0.071	0.098	0.128	0.163
		Throw	3 - 7 - 18	6 - 12 - 24	10 - 15 - 26	12 - 19 - 29	14 - 22 - 31	17 - 24 - 34	19 - 25 - 36
		Noise Criteria	15	22	28	32	36	39	42
4-Slot	2	Airflow	100	145	190	235	280	325	370
		Static Pressure	0.011	0.024	0.041	0.062	0.088	0.119	0.154
		Throw	3 - 7 - 22	6 - 14 - 32	11 - 21 - 41	16 - 26 - 51	20 - 30 - 57	24 - 35 - 61	27 - 40 - 65
		Noise Criteria	12	21	27	32	36	40	43
	4	Airflow	160	230	300	370	440	510	580
		Static Pressure	0.014	0.029	0.050	0.075	0.107	0.143	0.185
		Throw	3 - 6 - 16	5 - 12 - 24	9 - 15 - 27	13 - 19 - 30	15 - 23 - 33	17 - 25 - 35	20 - 26 - 37
		Noise Criteria	13	21	28	33	37	40	43
	5	Airflow	180	260	340	420	500	580	660
		Static Pressure	0.015	0.031	0.054	0.082	0.116	0.157	0.203
		Throw	2 - 5 - 17	5 - 11 - 24	9 - 16 - 29	13 - 19 - 32	15 - 23 - 35	18 - 26 - 37	20 - 28 - 40
		Noise Criteria	12	21	27	32	36	40	43

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re: 10<sup>-12</sup> watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data





# ENGINEERING DATA

## 6000 w/LP Plenum

Slot	Length (ft.)	6000 Linear Diffuser with LP Plenum, 1" Slot Width, 12" Oval Inlet							
1-Slot	4	Airflow	100	130	160	190	220	250	280
		Static Pressure	0.049	0.083	0.126	0.178	0.239	0.309	0.387
		Throw	7 - 10 - 16	9 - 13 - 18	11 - 14 - 20	12 - 15 - 21	13 - 16 - 23	14 - 17 - 25	15 - 18 - 26
		Noise Criteria	19	25	30	34	37	40	43
	5	Airflow	110	145	180	215	250	285	320
		Static Pressure	0.031	0.054	0.082	0.118	0.159	0.207	0.261
		Throw	7 - 10 - 16	9 - 13 - 19	11 - 15 - 21	13 - 16 - 23	14 - 17 - 25	15 - 19 - 26	16 - 20 - 28
		Noise Criteria	17	24	29	33	37	40	43
2-Slot	4	Airflow	150	200	250	300	350	400	450
		Static Pressure	0.020	0.036	0.056	0.080	0.110	0.143	0.181
		Throw	7 - 11 - 19	10 - 15 - 22	12 - 17 - 25	15 - 19 - 27	17 - 21 - 29	18 - 22 - 31	19 - 23 - 33
		Noise Criteria	18	24	30	34	38	41	44
	5	Airflow	170	225	280	335	390	445	500
		Static Pressure	0.018	0.031	0.048	0.069	0.093	0.121	0.153
		Throw	6 - 11 - 20	10 - 15 - 23	12 - 18 - 26	14 - 20 - 28	17 - 22 - 31	19 - 23 - 33	20 - 25 - 35
		Noise Criteria	17	24	29	33	37	40	43
3-Slot	4	Airflow	200	260	320	380	440	500	560
		Static Pressure	0.019	0.032	0.048	0.068	0.091	0.117	0.147
		Throw	6 - 12 - 22	10 - 15 - 25	13 - 19 - 28	15 - 21 - 30	17 - 23 - 33	20 - 25 - 35	21 - 26 - 37
		Noise Criteria	18	24	29	33	37	40	43
	5	Airflow	220	285	350	415	480	545	610
		Static Pressure	0.017	0.029	0.043	0.061	0.082	0.105	0.132
		Throw	6 - 12 - 23	9 - 15 - 26	12 - 19 - 29	15 - 22 - 32	17 - 24 - 34	19 - 26 - 36	22 - 27 - 38
		Noise Criteria	17	23	28	32	35	39	41
4-Slot	4	Airflow	200	280	360	440	520	600	680
		Static Pressure	0.013	0.026	0.043	0.064	0.089	0.118	0.152
		Throw	4 - 9 - 21	8 - 14 - 26	12 - 18 - 30	15 - 23 - 33	18 - 25 - 35	21 - 27 - 38	23 - 29 - 41
		Noise Criteria	14	22	28	32	36	40	43
	5	Airflow	225	315	405	495	585	675	765
		Static Pressure	0.013	0.026	0.043	0.064	0.089	0.119	0.152
		Throw	4 - 8 - 21	7 - 14 - 28	12 - 19 - 31	15 - 23 - 35	18 - 27 - 38	21 - 29 - 40	23 - 30 - 43
		Noise Criteria	13	21	27	32	36	39	42

Notes:

1. Tests conducted in accordance with ANSI/ASHRAE 70-2006 at isothermal conditions
2. Unit of measure: Static pressure - in. wc; Throw = ft. at 150, 100 and 50 fpm terminal velocity
3. Noise Criteria is based upon 10 dB room absorption (Re:  $10^{-12}$  watts) evaluated at 125 through 4000 Hz octave bands
4. Dash "-" indicates NC value less than 10
5. Values shown are for supply version; for return values, add 3 NC to sound data