

TBD-30 1-SLOT / ADJUSTABLE / MODULINEAR

6" Inlet 1-Slot	¾" Slot Width	2' Long	Airflow, cfm	30	45	60	75	90	105	120
			Total Pressure	0.026	0.058	0.103	0.161	0.232	0.316	0.412
			Static Pressure	0.024	0.054	0.097	0.151	0.217	0.296	0.387
			NC (Noise Criteria)	-	19	25	31	35	39	42
		Throw	3-7-15	7-11-23	10-15-26	13-19-29	15-23-32	18-25-35	20-26-37	
		4' Long	Airflow, cfm	50	73	95	118	140	163	185
			Total Pressure	0.022	0.047	0.08	0.123	0.174	0.235	0.305
			Static Pressure	0.018	0.037	0.064	0.098	0.139	0.188	0.243
	NC (Noise Criteria)		-	19	26	31	35	38	42	
	1" Slot Width	2' Long	Airflow, cfm	30	45	60	75	90	105	120
			Total Pressure	0.014	0.032	0.057	0.09	0.129	0.176	0.23
			Static Pressure	0.013	0.029	0.051	0.08	0.115	0.156	0.204
			NC (Noise Criteria)	-	19	26	31	35	39	42
		Throw	2-5-13	5-10-20	8-13-26	11-16-29	13-20-32	15-23-35	17-26-37	
		4' Long	Airflow, cfm	45	68	90	113	135	158	180
			Total Pressure	0.013	0.03	0.054	0.084	0.121	0.165	0.215
Static Pressure			0.01	0.022	0.039	0.061	0.089	0.121	0.157	
NC (Noise Criteria)	-		18	25	30	35	38	41		
Throw	2-4-9	4-7-13	6-9-15	8-12-17	9-13-18	11-14-20	12-15-21			
8" Inlet 1-Slot	¾" Slot Width	2' Long	Airflow, cfm	30	43	55	68	80	93	105
			Total Pressure	0.041	0.083	0.139	0.209	0.294	0.393	0.507
			Static Pressure	0.041	0.082	0.137	0.206	0.29	0.387	0.499
			NC (Noise Criteria)	-	13	19	24	28	32	35
		Throw	3-7-15	6-11-21	9-14-25	11-17-28	13-20-30	16-23-33	18-25-35	
		4' Long	Airflow, cfm	55	80	105	130	155	180	205
			Total Pressure	0.021	0.045	0.077	0.118	0.168	0.227	0.294
			Static Pressure	0.019	0.04	0.07	0.107	0.152	0.205	0.265
	NC (Noise Criteria)		-	18	24	29	33	37	40	
	Throw	4-7-12	6-9-14	8-11-16	10-13-18	11-14-19	12-15-21	13-16-22		
	1" Slot Width	2' Long	Airflow, cfm	30	48	65	83	100	118	135
			Total Pressure	0.016	0.04	0.076	0.122	0.179	0.248	0.327
			Static Pressure	0.016	0.039	0.073	0.117	0.172	0.238	0.314
			NC (Noise Criteria)	-	16	24	29	34	38	41
		Throw	2-5-13	5-10-21	9-14-27	12-18-31	15-22-34	17-26-37	20-28-39	
		4' Long	Airflow, cfm	50	75	100	125	150	175	200
Total Pressure			0.011	0.025	0.044	0.068	0.098	0.134	0.175	
Static Pressure			0.009	0.021	0.037	0.058	0.083	0.113	0.147	
NC (Noise Criteria)	-		17	23	29	33	37	40		
Throw	2-5-10	5-8-13	7-10-16	9-12-17	10-13-19	12-15-21	13-16-22			
10" Inlet 1-Slot	¾" Slot Width	2' Long	Airflow, cfm	40	45	50	55	60	65	70
			Total Pressure	0.161	0.204	0.251	0.304	0.362	0.425	0.493
			Static Pressure	0.16	0.203	0.25	0.303	0.361	0.423	0.491
			NC (Noise Criteria)	-	12	14	17	19	21	22
		Throw	6-10-20	7-11-23	8-13-24	9-14-25	10-15-26	11-16-27	12-18-28	
		4' Long	Airflow, cfm	60	90	120	150	180	210	240
			Total Pressure	0.027	0.061	0.108	0.169	0.243	0.331	0.433
			Static Pressure	0.026	0.058	0.103	0.161	0.232	0.315	0.412
	NC (Noise Criteria)		-	18	25	30	34	38	41	
	Throw	5-7-12	7-10-15	9-12-17	11-13-19	12-15-21	13-16-23	14-17-24		
	1" Slot Width	2' Long	Airflow, cfm	40	55	70	85	100	115	130
			Total Pressure	0.044	0.083	0.135	0.199	0.275	0.363	0.464
			Static Pressure	0.043	0.082	0.133	0.196	0.271	0.359	0.458
			NC (Noise Criteria)	-	17	23	27	31	35	37
		Throw	4-8-17	7-12-24	10-15-28	12-19-31	15-22-34	17-25-36	19-27-39	
		4' Long	Airflow, cfm	60	90	120	150	180	210	240
Total Pressure			0.014	0.032	0.057	0.088	0.127	0.173	0.226	
Static Pressure			0.013	0.029	0.051	0.08	0.116	0.157	0.205	
NC (Noise Criteria)	-		18	25	30	35	38	41		
Throw	3-6-12	6-9-15	8-12-17	10-13-19	12-15-21	13-16-23	14-17-24			
12" Inlet 1-Slot	¾" Slot Width	4' Long	Airflow, cfm	80	95	110	125	140	155	170
			Total Pressure	0.094	0.133	0.178	0.23	0.288	0.353	0.425
			Static Pressure	0.093	0.131	0.176	0.227	0.285	0.35	0.421
			NC (Noise Criteria)	-	15	18	21	24	27	29
	Throw	6-9-14	8-11-15	9-12-16	10-12-17	11-13-18	11-14-19	12-14-20		
	1" Slot Width	4' Long	Airflow, cfm	70	105	140	175	210	245	280
			Total Pressure	0.025	0.056	0.099	0.155	0.224	0.304	0.398
			Static Pressure	0.024	0.054	0.097	0.151	0.218	0.296	0.387
NC (Noise Criteria)			-	18	25	30	34	38	41	
Throw	4-7-13	7-11-16	10-13-18	12-15-21	13-16-23	14-17-24	15-18-26			

1-SLOT PERFORMANCE NOTES

- Throw values given are for terminal velocities of 150, 100 and 50 fpm and for isothermal conditions
- All pressures given are in inches of wg
- Each NC value represents the noise criteria curve that will not be exceeded by the sound pressure in any of the octave bands, 2 through 7, with a room absorption of 10 dB, re 10⁻¹² watts
- Dash (-) in space denotes an NC value of less than 10
- Data obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006. Actual performance, with flexible duct inlet, may vary in the field. See section, Engineering Guidelines and the topic 'Other Grille and Diffuser Application Factors' for additional information.
- Throws listed are for the one-way air pattern. For divided airflow, select the airflow in each direction according to the number of slots aimed in that direction, with the total airflow apportioned between slots. See section, Engineering Guidelines and the topic 'Procedure to Obtain Catalog Throw Data' in this catalog for throw information.

PERFORMANCE DATA

TBD-30 2-SLOT / ADJUSTABLE / MODULINEAR

Inlet	Slot Width	Length	Airflow (cfm)									
			40	65	90	115	140	165	190			
6" Inlet 2-Slot	¾" Slot Width	2' Long	Airflow, cfm	40	65	90	115	140	165	190		
			Total Pressure	0.014	0.038	0.072	0.118	0.174	0.242	0.321		
			Static Pressure	0.011	0.03	0.058	0.094	0.139	0.194	0.257		
			NC (Noise Criteria)	-	17	25	30	35	39	42		
				Throw	2-5-14	5-12-23	10-16-23	14-20-36	17-25-40	20-29-44	23-33-47	
		4' Long		Airflow, cfm	75	110	145	180	215	250	285	
	Total Pressure			0.028	0.06	0.104	0.161	0.229	0.31	0.403		
	Static Pressure			0.018	0.038	0.067	0.103	0.147	0.198	0.258		
	NC (Noise Criteria)			-	19	25	30	35	38	41		
				Throw	3-6-13	5-9-16	5-12-19	10-15-21	12-16-23	14-17-25	15-19-26	
		1" Slot Width	2' Long	Airflow, cfm	40	63	85	108	130	153	175	
	Total Pressure			0.011	0.026	0.048	0.077	0.112	0.155	0.203		
Static Pressure	0.008			0.019	0.035	0.056	0.082	0.113	0.149			
NC (Noise Criteria)	-			16	24	29	34	37	41			
			Throw	1-3-12	3-7-19	6-13-26	10-17-33	13-20-39	16-23-42	18-27-45		
		4' Long	Airflow, cfm	70	103	135	168	200	233	265		
Total Pressure	0.021		0.045	0.078	0.12	0.171	0.232	0.301				
Static Pressure	0.012		0.026	0.046	0.07	0.1	0.135	0.176				
NC (Noise Criteria)	-		17	24	29	33	37	40				
			Throw	1-3-10	3-7-15	5-10-18	8-12-20	10-15-22	11-17-24	13-18-25		
8" Inlet 2-Slot	¾" Slot Width	2' Long	Airflow, cfm	50	75	100	125	150	175	200		
			Total Pressure	0.018	0.039	0.07	0.109	0.158	0.214	0.28		
			Static Pressure	0.016	0.036	0.063	0.099	0.142	0.193	0.253		
		NC (Noise Criteria)	-	16	23	28	33	36	39			
					Throw	3-7-18	7-13-27	12-18-34	15-22-38	18-27-42	21-31-45	24-34-48
			4' Long	Airflow, cfm	90	130	170	210	250	290	330	
	Total Pressure	0.022		0.046	0.079	0.121	0.171	0.23	0.298			
	Static Pressure	0.017		0.035	0.059	0.09	0.128	0.172	0.223			
				NC (Noise Criteria)	-	19	25	30	34	38	41	
				Throw	4-8-15	7-11-18	9-14-20	12-16-23	14-17-25	15-19-26	16-20-28	
		1" Slot Width	2' Long	Airflow, cfm	50	75	100	125	150	175	200	
	Total Pressure			0.011	0.025	0.044	0.068	0.098	0.134	0.175		
	Static Pressure			0.009	0.021	0.037	0.058	0.083	0.113	0.147		
	NC (Noise Criteria)		-	17	23	29	33	37	40			
					Throw	2-5-15	5-10-23	8-15-31	13-19-38	15-23-42	18-27-45	21-31-48
			4' Long	Airflow, cfm	90	125	160	195	230	265	300	
	Total Pressure	0.018		0.034	0.055	0.082	0.114	0.152	0.194			
	Static Pressure	0.012		0.023	0.038	0.056	0.078	0.103	0.132			
			NC (Noise Criteria)	-	18	24	29	33	36	39		
			Throw	2-5-13	5-9-17	7-12-20	9-14-22	11-17-24	13-18-25	15-19-27		

- Throw values given are for terminal velocities of 150, 100 and 50 fpm and for isothermal conditions
- All pressures given are in inches of wg
- Each NC value represents the noise criteria curve that will not be exceeded by the sound pressure in any of the octave bands, 2 through 7, with a room absorption of 10 dB, re 10⁻¹² watts
- Dash (-) in space denotes an NC value of less than 10
- Data obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006

10" Inlet 2-Slot	¾" Slot Width	2' Long	Airflow, cfm	50	83	115	148	180	213	245
			Total Pressure	0.019	0.051	0.099	0.163	0.243	0.339	0.451
			Static Pressure	0.018	0.049	0.095	0.156	0.232	0.323	0.429
			NC (Noise Criteria)	-	16	24	29	34	38	41
		Throw	3-7-18	9-15-29	14-20-36	17-26-41	21-32-46	25-35-49	29-38-53	
		4' Long	Airflow, cfm	80	130	180	230	280	330	380
			Total Pressure	0.013	0.035	0.067	0.109	0.161	0.224	0.297
			Static Pressure	0.011	0.029	0.055	0.089	0.133	0.184	0.244
	NC (Noise Criteria)		-	16	24	29	34	38	41	
	1" Slot Width	2' Long	Airflow, cfm	60	90	120	150	180	210	240
			Total Pressure	0.014	0.032	0.057	0.088	0.127	0.173	0.226
			Static Pressure	0.013	0.029	0.051	0.08	0.116	0.157	0.205
			NC (Noise Criteria)	-	18	25	30	35	38	41
		Throw	3-7-18	7-14-28	12-18-37	15-23-42	18-28-46	22-32-49	25-37-53	
		4' Long	Airflow, cfm	100	145	190	235	280	325	370
			Total Pressure	0.015	0.031	0.054	0.082	0.116	0.157	0.203
Static Pressure			0.011	0.024	0.041	0.062	0.088	0.119	0.154	
NC (Noise Criteria)	-		19	25	30	34	38	41		
Throw	3-7-15	6-11-19	9-14-21	11-17-24	14-18-26	16-20-28	17-21-30			
12" Inlet 2-Slot	¾" Slot Width	4' Long	Airflow, cfm	120	175	230	285	340	395	450
			Total Pressure	0.025	0.054	0.093	0.142	0.202	0.273	0.355
			Static Pressure	0.023	0.049	0.086	0.131	0.187	0.252	0.327
			NC (Noise Criteria)	-	19	25	30	35	38	41
	Throw	6-10-17	10-15-21	13-17-24	15-19-26	17-20-29	18-22-31	19-23-33		
	1" Slot Width	4' Long	Airflow, cfm	120	170	220	270	320	370	420
			Total Pressure	0.015	0.03	0.05	0.075	0.105	0.141	0.181
			Static Pressure	0.013	0.026	0.043	0.065	0.092	0.122	0.158
			NC (Noise Criteria)	-	19	25	29	33	37	40
			Throw	4-9-17	8-12-20	11-16-23	13-18-26	15-20-28	17-21-30	18-23-32

2-SLOT PERFORMANCE NOTES

- Throw values given are for terminal velocities of 150, 100 and 50 fpm and for isothermal conditions
- All pressures given are in inches of wg
- Each NC value represents the noise criteria curve that will not be exceeded by the sound pressure in any of the octave bands, 2 through 7, with a room absorption of 10 dB, re 10⁻¹² watts
- Dash (-) in space denotes an NC value of less than 10
- Data obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006. Actual performance, with flexible duct inlet, may vary in the field. See section, Engineering Guidelines and the topic 'Other Grille and Diffuser Application Factors' for additional information.
- Throws listed are for the one-way air pattern. For divided airflow, select the airflow in each direction according to the number of slots aimed in that direction, with the total airflow apportioned between slots. See section, Engineering Guidelines and the topic 'Procedure to Obtain Catalog Throw Data' in this catalog for throw information.

TBD-30 3-SLOT / ADJUSTABLE / MODULINEAR

6" Inlet 3-Slot	¾" Slot Width	2' Long	Airflow, cfm	60	85	110	135	160	185	210	
			Total Pressure	0.022	0.044	0.073	0.11	0.154	0.206	0.266	
			Static Pressure	0.015	0.031	0.051	0.077	0.109	0.145	0.187	
			NC (Noise Criteria)	-	17	23	28	32	35	38	
		Throw	2-6-17	5-11-25	8-16-32	13-20-39	15-23-43	18-27-46	20-30-49		
		4' Long	Airflow, cfm	100	145	190	235	280	325	370	
			Total Pressure	0.041	0.086	0.147	0.226	0.32	0.431	0.559	
			Static Pressure	0.023	0.048	0.083	0.127	0.18	0.243	0.314	
	NC (Noise Criteria)		-	19	25	30	35	38	41		
	1" Slot Width	2' Long	Airflow, cfm	60	85	110	135	160	185	210	
			Total Pressure	0.018	0.036	0.06	0.09	0.127	0.17	0.219	
			Static Pressure	0.011	0.023	0.038	0.058	0.081	0.109	0.14	
			NC (Noise Criteria)	-	17	23	28	32	36	39	
		Throw	2-4-15	3-7-21	5-12-28	8-17-34	12-20-40	15-23-46	18-26-49		
		4' Long	Airflow, cfm	95	130	165	200	235	270	305	
			Total Pressure	0.033	0.063	0.101	0.148	0.205	0.27	0.345	
Static Pressure			0.017	0.032	0.052	0.077	0.106	0.14	0.178		
NC (Noise Criteria)	-		17	22	27	31	34	37			
8" Inlet 3-Slot	¾" Slot Width	2' Long	Airflow, cfm	75	105	135	165	195	225	255	
			Total Pressure	0.021	0.041	0.068	0.102	0.142	0.189	0.243	
			Static Pressure	0.017	0.034	0.056	0.083	0.116	0.154	0.198	
			NC (Noise Criteria)	-	18	24	29	33	36	39	
		Throw	4-9-22	8-15-30	13-20-39	16-24-44	19-28-47	22-33-51	25-37-54		
		4' Long	Airflow, cfm	115	165	215	265	315	365	415	
			Total Pressure	0.026	0.054	0.092	0.14	0.198	0.266	0.344	
			Static Pressure	0.017	0.036	0.06	0.092	0.13	0.174	0.225	
	NC (Noise Criteria)		-	18	24	29	33	37	40		
	1" Slot Width	2' Long	Airflow, cfm	50	90	130	170	210	250	290	
			Total Pressure	0.007	0.022	0.046	0.079	0.121	0.171	0.23	
			Static Pressure	0.005	0.017	0.035	0.059	0.09	0.128	0.172	
			NC (Noise Criteria)	-	15	23	30	35	39	42	
		Throw	1-3-10	4-8-23	8-16-33	13-21-43	18-26-49	21-31-54	24-36-58		
		4' Long	Airflow, cfm	100	155	210	265	320	375	430	
			Total Pressure	0.017	0.041	0.075	0.12	0.175	0.24	0.316	
Static Pressure			0.01	0.024	0.045	0.072	0.104	0.143	0.188		
NC (Noise Criteria)	-		17	24	30	34	38	41			
10" Inlet 3-Slot	¾" Slot Width	2' Long	Airflow, cfm	80	115	150	185	220	255	290	
			Total Pressure	0.02	0.042	0.071	0.108	0.153	0.206	0.266	
			Static Pressure	0.018	0.037	0.063	0.096	0.136	0.182	0.236	
			NC (Noise Criteria)	-	17	24	29	33	36	39	
		Throw	4-10-23	9-17-33	15-22-42	18-27-46	21-32-50	25-37-54	28-41-58		
		4' Long	Airflow, cfm	130	185	240	295	350	405	460	
			Total Pressure	0.023	0.046	0.077	0.116	0.163	0.219	0.282	
			Static Pressure	0.016	0.033	0.056	0.084	0.119	0.159	0.205	
	NC (Noise Criteria)		-	18	24	29	33	37	40		
	1" Slot Width	2' Long	Airflow, cfm	80	115	150	185	220	255	290	
			Total Pressure	0.013	0.027	0.046	0.07	0.099	0.134	0.173	
			Static Pressure	0.011	0.022	0.038	0.058	0.082	0.11	0.142	
			NC (Noise Criteria)	-	18	24	29	33	37	40	
		Throw	3-6-20	6-13-29	10-19-38	15-23-46	18-28-50	21-32-54	24-36-58		
		4' Long	Airflow, cfm	120	178	235	293	350	408	465	
			Total Pressure	0.015	0.034	0.059	0.092	0.132	0.178	0.232	
Static Pressure			0.01	0.022	0.039	0.061	0.087	0.118	0.154		
NC (Noise Criteria)	-		18	24	29	34	37	40			
12" Inlet 3-Slot	¾" Slot Width	4' Long	Airflow, cfm	160	225	290	355	420	485	550	
			Total Pressure	0.022	0.044	0.072	0.109	0.152	0.203	0.261	
			Static Pressure	0.019	0.037	0.061	0.092	0.128	0.171	0.22	
			NC (Noise Criteria)	-	19	25	29	33	37	40	
		Throw	6-11-20	10-15-23	13-19-26	16-21-29	18-23-32	20-24-34	21-26-36		
		1" Slot Width	4' Long	Airflow, cfm	150	215	280	345	410	475	540
				Total Pressure	0.014	0.028	0.047	0.072	0.102	0.136	0.176
				Static Pressure	0.011	0.022	0.037	0.056	0.079	0.106	0.137
	NC (Noise Criteria)			-	18	24	29	33	37	40	
	Throw		4-8-18	7-13-23	11-17-26	14-20-29	16-22-31	19-24-34	21-26-36		

3-SLOT PERFORMANCE NOTES

- Throw values given are for terminal velocities of 150, 100 and 50 fpm and for isothermal conditions
- All pressures given are in inches of wg
- Each NC value represents the noise criteria curve that will not be exceeded by the sound pressure in any of the octave bands, 2 through 7, with a room absorption of 10 dB, re 10⁻¹² watts
- Dash (-) in space denotes an NC value of less than 10
- Data obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006. Actual performance, with flexible duct inlet, may vary in the field. See section, Engineering Guidelines and the topic 'Other Grille and Diffuser Application Factors' for additional information.
- Throws listed are for the one-way air pattern. For divided airflow, select the airflow in each direction according to the number of slots aimed in that direction, with the total airflow apportioned between slots. See section, Engineering Guidelines and the topic 'Procedure to Obtain Catalog Throw Data' in this catalog for throw information.

PERFORMANCE DATA

TBD-30 4-SLOT / ADJUSTABLE / MODULINEAR

6" Inlet 4-Slot	¾" Slot Width	2' Long	Airflow, cfm	65	100	135	170	205	240	275
			Total Pressure	0.021	0.05	0.09	0.143	0.209	0.286	0.375
			Static Pressure	0.013	0.032	0.058	0.092	0.133	0.183	0.24
			NC (Noise Criteria)	-	16	24	29	33	37	40
		Throw	2-4-16	4-10-25	8-17-34	13-21-43	17-26-49	20-30-53	23-35-56	
		4' Long	Airflow, cfm	115	158	200	243	285	328	370
			Total Pressure	0.049	0.092	0.148	0.218	0.301	0.397	0.507
			Static Pressure	0.025	0.048	0.077	0.113	0.156	0.206	0.263
	NC (Noise Criteria)		-	17	22	27	31	34	37	
	Throw	2-5-14	4-9-19	6-12-22	9-14-24	11-17-26	13-19-28	15-21-30		
	1" Slot Width	2' Long	Airflow, cfm	70	103	135	168	200	233	265
			Total Pressure	0.021	0.045	0.078	0.12	0.171	0.232	0.301
			Static Pressure	0.012	0.026	0.046	0.07	0.1	0.135	0.176
			NC (Noise Criteria)	-	17	24	29	33	37	40
		Throw	1-3-13	3-7-22	5-12-29	8-18-36	12-22-44	16-25-51	19-29-55	
		4' Long	Airflow, cfm	115	163	210	258	305	353	400
Total Pressure			0.046	0.091	0.152	0.228	0.32	0.428	0.551	
Static Pressure			0.022	0.044	0.073	0.11	0.154	0.206	0.265	
NC (Noise Criteria)	-		18	24	29	33	36	39		
Throw	1-3-12	3-6-17	5-10-22	7-13-25	10-16-27	12-18-29	14-21-31			
8" Inlet 4-Slot	¾" Slot Width	2' Long	Airflow, cfm	90	130	170	210	250	290	330
			Total Pressure	0.022	0.046	0.079	0.121	0.171	0.23	0.298
			Static Pressure	0.017	0.035	0.059	0.09	0.128	0.172	0.223
			NC (Noise Criteria)	-	19	25	30	34	38	41
		Throw	4-8-23	8-16-33	13-21-43	18-26-49	21-31-54	24-36-58	28-41-62	
		4' Long	Airflow, cfm	140	200	260	320	380	440	500
			Total Pressure	0.033	0.068	0.115	0.175	0.247	0.331	0.427
			Static Pressure	0.02	0.041	0.069	0.104	0.147	0.197	0.255
	NC (Noise Criteria)		-	18	24	29	33	37	40	
	Throw	3-7-17	6-12-22	10-15-25	13-19-28	15-21-30	17-23-33	20-25-35		
	1" Slot Width	2' Long	Airflow, cfm	60	105	150	195	240	285	330
			Total Pressure	0.008	0.024	0.049	0.082	0.124	0.176	0.235
			Static Pressure	0.005	0.016	0.033	0.056	0.085	0.12	0.16
			NC (Noise Criteria)	-	14	22	29	34	38	41
		Throw	1-2-9	3-7-23	7-15-33	11-21-42	17-26-52	21-31-57	24-36-62	
		4' Long	Airflow, cfm	140	200	260	320	380	440	500
Total Pressure			0.03	0.061	0.103	0.156	0.219	0.294	0.38	
Static Pressure			0.016	0.033	0.056	0.085	0.12	0.161	0.207	
NC (Noise Criteria)	-		19	25	30	34	37	40		
Throw	2-5-14	4-9-21	7-13-25	11-16-28	13-20-30	15-23-33	17-25-35			

10" Inlet 4-Slot	¾" Slot Width	2' Long	Airflow, cfm	70	125	180	235	290	345	400
			Total Pressure	0.01	0.032	0.067	0.113	0.173	0.244	0.329
			Static Pressure	0.008	0.026	0.055	0.093	0.142	0.201	0.271
			NC (Noise Criteria)	-	15	24	30	35	39	43
		Throw	2-5-18	7-16-31	15-23-45	20-30-52	24-36-58	29-43-63	34-48-68	
		4' Long	Airflow, cfm	150	220	290	360	430	500	570
	Total Pressure		0.024	0.052	0.09	0.139	0.199	0.268	0.349	
	Static Pressure		0.016	0.034	0.06	0.092	0.131	0.178	0.231	
	NC (Noise Criteria)		-	18	24	29	34	37	40	
	1" Slot Width	2' Long	Airflow, cfm	100	143	185	228	270	313	355
			Total Pressure	0.015	0.03	0.051	0.077	0.108	0.145	0.187
			Static Pressure	0.011	0.023	0.038	0.058	0.082	0.11	0.141
			NC (Noise Criteria)	-	19	25	30	34	37	40
		4' Long	Throw	3-7-22	6-13-31	10-20-40	15-25-50	20-29-56	23-34-60	26-39-64
			Airflow, cfm	160	225	290	355	420	485	550
			Total Pressure	0.023	0.046	0.077	0.115	0.161	0.215	0.276
Static Pressure			0.014	0.028	0.046	0.069	0.097	0.129	0.166	
NC (Noise Criteria)			-	19	25	30	34	37	40	
Throw			3-6-16	5-12-23	9-15-26	12-18-29	14-22-32	17-24-34	19-26-36	
12" Inlet 4-Slot	¾" Slot Width	4' Long	Airflow, cfm	190	270	350	430	510	590	670
			Total Pressure	0.022	0.044	0.074	0.112	0.157	0.21	0.271
			Static Pressure	0.017	0.034	0.058	0.087	0.122	0.164	0.211
			NC (Noise Criteria)	-	18	25	29	34	37	40
	1" Slot Width	4' Long	Throw	6-11-21	11-16-26	14-21-29	17-23-32	20-25-35	22-27-38	23-28-40
			Airflow, cfm	190	265	340	415	490	565	640
			Total Pressure	0.017	0.033	0.054	0.08	0.111	0.148	0.19
			Static Pressure	0.012	0.023	0.038	0.057	0.079	0.105	0.135
			NC (Noise Criteria)	-	18	24	29	33	36	39
			Throw	4-8-20	7-14-25	12-17-29	14-21-32	17-24-34	19-26-37	22-28-39

4-SLOT PERFORMANCE NOTES

- Throw values are given for terminal velocities of 150, 100 and 50 fpm and for isothermal conditions
- All pressures are given in inches of wg
- Each NC value represents the noise criteria curve which will not be exceeded by the sound pressure in any of the octave bands, 2 through 7, with a room absorption of 10 dB, re 10⁻¹² watts
- Dash (-) in space denotes an NC value of less than 10
- Data obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006. Actual performance, with flexible duct inlet, may vary in the field. See section, Engineering Guidelines and the topic 'Other Grille and Diffuser Application Factors' in this catalog for additional information.
- Throws listed are for the one-way air pattern. For divided airflow, select the airflow in each direction according to the number of slots aimed in that direction, with the total airflow apportioned between slots. See section, Engineering Guidelines and the topic 'Procedure to Obtain Catalog Throw Data' in this catalog for throw information.