T-SLOT / 1-WAY

6" Inlet 1-Slot	¾" Slot Width	2'	Air Flow, cfm	20	38	55	73	90	108	125
			Total Pressure	0.008	0.028	0.060	0.104	0.160	0.228	0.308
			Static Pressure	0.007	0.025	0.054	0.094	0.145	0.207	0.280
			NC (Noise Criteria)	-	17	23	28	32	35	37
			Throw	1-1-5	2-4-10	4-8-13	7-10-14	8-11-16	10-12-18	11-13-19
		4'	Air Flow, cfm	40	65	90	115	140	165	190
			Total Pressure	0.011	0.028	0.054	0.087	0.129	0.180	0.238
			Static Pressure	0.008	0.020	0.039	0.064	0.094	0.131	0.174
			NC (Noise Criteria)	-	17	23	27	30	33	35
			Throw	1-2-7	2-4-13	4-8-16	6-12-18	9-14-20	11-15-22	13-17-23
8" Inlet 1-Slot	¾" Slot Width	2'	Air Flow, cfm	25	38	50	63	75	88	100
			Total Pressure	0.018	0.041	0.072	0.113	0.163	0.221	0.289
			Static Pressure	0.018	0.040	0.071	0.110	0.159	0.216	0.282
			NC (Noise Criteria)	-	15	20	24	27	29	32
			Throw	1-2-7	2-4-10	3-7-12	5-9-13	7-10-15	8-11-16	9-12-17
		4'	Air Flow, cfm	40	70	100	130	160	190	220
			Total Pressure	0.008	0.024	0.050	0.084	0.127	0.179	0.240
			Static Pressure	0.007	0.021	0.043	0.072	0.110	0.154	0.207
			NC (Noise Criteria)	-	17	23	27	31	33	36
			Throw	1-2-7	2-5-14	5-10-17	8-13-19	11-15-21	13-17-23	15-18-25
6" Inlet 2-Slot	¾" Slot Width	2'	Air Flow, cfm	30	55	80	105	130	155	180
			Total Pressure	0.006	0.020	0.042	0.073	0.112	0.159	0.214
			Static Pressure	0.004	0.015	0.031	0.053	0.081	0.116	0.156
			NC (Noise Criteria)	-	14	21	25	29	32	34
			Throw	1-1-5	2-4-11	4-8-14	7-11-16	9-13-18	11-14-19	12-15-21
		4'	Air Flow, cfm	50	90	130	170	210	250	290
			Total Pressure	0.010	0.031	0.065	0.110	0.169	0.239	0.321
			Static Pressure	0.005	0.016	0.034	0.059	0.090	0.127	0.171
			NC (Noise Criteria)	-	14	20	24	28	31	33
			Throw	1-1-5	2-4-13	4-9-18	7-13-20	10-15-23	12-17-25	14-19-26
8" Inlet 2-Slot	¾" Slot Width	2'	Air Flow, cfm	40	70	100	130	160	190	220
			Total Pressure	0.008	0.024	0.050	0.084	0.127	0.179	0.240
			Static Pressure	0.007	0.021	0.043	0.072	0.110	0.154	0.207
			NC (Noise Criteria)	-	17	23	27	31	33	36
			Throw	1-2-8	3-7-13	6-10-16	9-13-18	11-14-20	12-15-21	13-16-23
		4'	Air Flow, cfm	60	105	150	195	240	285	330
			Total Pressure	0.007	0.023	0.046	0.078	0.119	0.167	0.224
			Static Pressure	0.005	0.015	0.031	0.052	0.079	0.111	0.149
			NC (Noise Criteria)	-	14	20	25	28	31	34
			Throw	1-2-7	2-6-15	5-11-19	9-14-22	12-17-24	14-19-26	16-20-28
10" Inlet 2-Slot	¾" Slot Width	2'	Air Flow, cfm	50	83	115	148	180	213	245
			Total Pressure	0.013	0.035	0.067	0.111	0.165	0.230	0.306
			Static Pressure	0.012	0.032	0.063	0.103	0.153	0.214	0.284
			NC (Noise Criteria)	-	18	24	28	31	34	37
			Throw	2-4-10	4-9-14	8-12-17	10-13-19	12-15-21	13-16-23	14-17-24
		4'	Air Flow, cfm	70	120	170	220	270	320	370
			Total Pressure	0.007	0.022	0.044	0.073	0.110	0.155	0.207
			Static Pressure	0.006	0.017	0.033	0.056	0.084	0.118	0.157
			NC (Noise Criteria)	-	15	21	26	29	32	34
			Throw	1-2-10	3-7-17	7-13-20	11-16-23	13-18-26	16-20-28	17-21-30
8" Inlet 3-Slot	¾" Slot Width	2'	Air Flow, cfm	50	90	130	170	210	250	290
			Total Pressure	0.007	0.022	0.047	0.080	0.122	0.173	0.232
			Static Pressure	0.005	0.017	0.035	0.060	0.091	0.130	0.174
			NC (Noise Criteria)	-	16	22	26	30	33	35
			Throw	1-3-9	4-8-13	8-11-16	10-13-18	12-14-20	13-16-22	14-17-24
		4'	Air Flow, cfm	80	140	200	260	320	380	440
			Total Pressure	0.010	0.030	0.061	0.104	0.157	0.222	0.297
			Static Pressure	0.005	0.017	0.034	0.057	0.087	0.122	0.164
			NC (Noise Criteria)	-	14	20	24	28	31	33
			Throw	1-3-10	3-8-17	7-12-20	11-16-23	13-18-25	16-19-28	17-21-30

10" Inlet 3-Slot	¾" Slot Width	2'	Air Flow, cfm	60	105	150	195	240	285	330
			Total Pressure	0.008	0.025	0.051	0.086	0.131	0.184	0.247
			Static Pressure	0.007	0.021	0.043	0.072	0.110	0.155	0.207
			NC (Noise Criteria)	-	17	23	27	31	34	36
			Throw	2-4-11	6-9-14	9-12-17	11-14-20	13-15-22	14-17-24	15-18-26
		4'	Air Flow, cfm	100	165	230	295	360	425	490
			Total Pressure	0.010	0.027	0.053	0.088	0.131	0.182	0.242
			Static Pressure	0.006	0.018	0.034	0.056	0.084	0.117	0.155
			NC (Noise Criteria)	-	16	21	25	29	32	34
			Throw	2-4-12	5-10-18	9-14-21	12-17-24	15-19-27	17-21-29	18-22-31
8" Inlet 4-Slot	¾" Slot Width	2'	Air Flow, cfm	70	115	160	205	250	295	340
			Total Pressure	0.010	0.027	0.053	0.087	0.129	0.179	0.238
			Static Pressure	0.007	0.018	0.035	0.058	0.086	0.119	0.158
			NC (Noise Criteria)	-	16	22	26	29	32	34
			Throw	2-5-11	6-9-14	9-11-16	11-13-18	12-14-20	13-15-22	14-17-23
		4'	Air Flow, cfm	100	170	240	310	380	450	520
			Total Pressure	0.013	0.038	0.076	0.127	0.191	0.268	0.358
			Static Pressure	0.006	0.018	0.037	0.061	0.092	0.129	0.172
			NC (Noise Criteria)	-	14	19	24	27	30	32
			Throw	2-4-11	4-10-17	9-14-20	12-16-22	14-18-25	16-19-27	17-21-29
10" Inlet 4-Slot	¾" Slot Width	2'	Air Flow, cfm	70	125	180	235	290	345	400
			Total Pressure	0.007	0.024	0.049	0.083	0.127	0.180	0.242
			Static Pressure	0.006	0.018	0.037	0.063	0.097	0.137	0.184
			NC (Noise Criteria)	-	16	22	27	30	33	36
			Throw	2-5-11	7-10-14	10-12-17	11-14-20	13-15-22	14-17-24	15-18-25
		4'	Air Flow, cfm	120	200	280	360	440	520	600
			Total Pressure	0.012	0.033	0.065	0.107	0.159	0.223	0.297
			Static Pressure	0.007	0.018	0.036	0.060	0.089	0.125	0.166
			NC (Noise Criteria)	-	15	21	25	28	31	34
			Throw	2-5-14	6-11-18	11-15-21	14-17-24	15-19-27	17-21-29	18-22-31

T-SLOT / 1-WAY 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, 2nd through 7th, 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 the section, Engineering Guidelines and the topic 'Other Grille and Diffuser Application Factors' for additional information.
- See the section, Engineering Guidelines and the topic 'Procedure to Obtain Catalog Throw Data' in this catalog for throw information
- When neck velocities are less than 800 fpm, throw and sound are not affected by inlet size

T-SLOT / 2-WAY

6" Inlet 2-Slot	2'	Air Flow, cfm	80	105	130	155	180	205	230
		Total Pressure	0.042	0.073	0.112	0.159	0.214	0.278	0.349
		Static Pressure	0.031	0.053	0.081	0.116	0.156	0.203	0.255
		NC (Noise Criteria)	21	25	29	32	34	37	39
		Throw	2-4-8	4	5	6-7-11	7-8-11	7-9-12	7-9-13
	4'	Air Flow, cfm	160	200	240	280	320	360	400
		Total Pressure	0.098	0.153	0.220	0.300	0.391	0.495	0.612
		Static Pressure	0.052	0.081	0.117	0.160	0.208	0.264	0.326
		NC (Noise Criteria)	23	27	30	33	35	37	39
		Throw	3-6-11	4-8-12	6-9-13	7-10-14	8-11-15	9-11-16	10-12-17
8" Inlet 2-Slot	2'	Air Flow, cfm	80	110	140	170	200	230	260
		Total Pressure	0.032	0.060	0.097	0.144	0.199	0.263	0.336
		Static Pressure	0.027	0.052	0.084	0.124	0.171	0.226	0.289
		NC (Noise Criteria)	19	24	28	32	34	37	39
		Throw	2-4-8	4-6-9	5-7-10	6-8-11	7-8-12	7-9-13	8-10-14
	4'	Air Flow, cfm	160	205	250	295	340	385	430
		Total Pressure	0.053	0.087	0.129	0.179	0.238	0.305	0.381
		Static Pressure	0.035	0.058	0.086	0.119	0.158	0.203	0.253
		NC (Noise Criteria)	22	26	29	32	34	36	38
		Throw	3-6-11	4-8-12	7-9-13	8-10-15	9-11-16	10-12-17	10-12-18
10" Inlet 2-Slot	2'	Air Flow, cfm	80	113	145	178	210	243	275
		Total Pressure	0.033	0.064	0.107	0.160	0.225	0.299	0.385
		Static Pressure	0.030	0.060	0.099	0.149	0.209	0.278	0.358
		NC (Noise Criteria)	18	23	28	31	34	36	38
		Throw	2-4-8	4-6-9	5-7-10	7-8-11	7-9-12	8-9-13	8-10-14
	4'	Air Flow, cfm	160	210	260	310	360	410	460
		Total Pressure	0.039	0.067	0.102	0.145	0.196	0.254	0.320
		Static Pressure	0.029	0.051	0.078	0.110	0.149	0.193	0.243
		NC (Noise Criteria)	20	25	29	31	34	36	38
		Throw	3-6-11	5-8-12	7-10-14	8-11-15	9-11-16	10-12-17	11-13-18
8" Inlet 4-Slot	2'	Air Flow, cfm	150	195	240	285	330	375	420
		Total Pressure	0.046	0.078	0.119	0.167	0.224	0.290	0.363
		Static Pressure	0.031	0.052	0.079	0.111	0.149	0.193	0.242
		NC (Noise Criteria)	20	25	28	31	34	36	38
		Throw	3-6-10	5-8-12	7-9-13	8-10-14	9-11-15	9-12-16	10-12-17
	4'	Air Flow, cfm	400	470	540	610	680	750	820
		Total Pressure	0.212	0.293	0.387	0.493	0.613	0.746	0.891
		Static Pressure	0.102	0.141	0.186	0.237	0.294	0.358	0.428
		NC (Noise Criteria)	28	31	33	35	37	39	40
		Throw	8-12-17	9-13-18	11-14-20	12-15-21	13-16-22	13-16-23	14-17-24
10" Inlet 4-Slot	2'	Air Flow, cfm	150	205	260	315	370	425	480
		Total Pressure	0.034	0.064	0.102	0.150	0.207	0.273	0.348
		Static Pressure	0.026	0.048	0.078	0.114	0.157	0.208	0.265
		NC (Noise Criteria)	19	25	29	32	34	37	39
		Throw	3-6-10	6-9-12	7-10-14	9-11-15	9-12-16	10-12-17	11-13-19
	4'	Air Flow, cfm	400	480	560	640	720	800	880
		Total Pressure	0.132	0.190	0.258	0.337	0.427	0.527	0.638
		Static Pressure	0.074	0.106	0.145	0.189	0.239	0.295	0.357
		NC (Noise Criteria)	27	30	32	35	37	38	40
		Throw	8-12-17	10-13-19	11-14-20	12-15-21	13-16-23	14-17-24	15-18-25

T-SLOT / 2-WAY 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, 2nd through 7th, 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 the section, Engineering Guidelines and the topic 'Other Grille and Diffuser Application Factors' for additional information.
- See the section, Engineering Guidelines and the topic 'Procedure to Obtain Catalog Throw Data' in this catalog for throw information
- When neck velocities are less than 800 fpm, throw and sound are not affected by inlet size