

ENGINEERING DATA

ITPS, 1-Slot

6" Inlet 1 Slot									
3/4" Slot Width	24"	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
		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
	48"	Airflow (CFM)	50	73	95	118	140	163	185
		Total Pressure	0.022	0.047	0.080	0.123	0.174	0.235	0.305
		Static Pressure	0.018	0.037	0.064	0.098	0.139	0.188	0.243
		Noise Criteria	-	19	26	31	35	38	42
		Throw	3-6-11	6-9-13	8-11-15	9-12-17	11-13-18	11-14-20	12-15-21
1" Slot Width	24"	Airflow (CFM)	30	45	60	75	90	105	120
		Total Pressure	0.014	0.032	0.057	0.090	0.129	0.176	0.230
		Static Pressure	0.013	0.029	0.051	0.080	0.115	0.156	0.204
		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
	48"	Airflow (CFM)	45	68	90	113	135	158	180
		Total Pressure	0.013	0.030	0.054	0.084	0.121	0.165	0.215
		Static Pressure	0.010	0.022	0.039	0.061	0.089	0.121	0.157
		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									
3/4" Slot Width	24"	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	0.290	0.387	0.499
		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
	48"	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	0.040	0.070	0.107	0.152	0.205	0.265
		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	24"	Airflow (CFM)	30	48	65	83	100	118	135
		Total Pressure	0.016	0.040	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
		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
	48"	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
		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

Notes:

1. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Actual performance with flexible duct inlet may vary in the field.
2. Engineering Units: Static Pressure = in. wc; Total Pressure = in. wc; Throw = ft at 150, 100, & 50 fpm.
3. Throw values given are for isothermal conditions.
4. Airflow given is for the length of the diffuser.
5. NC is based upon 10dB room absorption (Re: 10^{-12} watts) evaluated at 125 through 4000 Hz octave bands.
6. Dash (-) in space denotes an NC value of less than 10.



ENGINEERING DATA

ITPS, 1-Slot

10" Inlet 1 Slot									
3/4" Slot Width	24"	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	0.160	0.203	0.250	0.303	0.361	0.423	0.491
		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
	48"	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
		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	24"	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
		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
	48"	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	0.080	0.116	0.157	0.205
		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									
3/4" Slot Width	48"	Airflow (CFM)	80	95	110	125	140	155	170
		Total Pressure	0.094	0.133	0.178	0.230	0.288	0.353	0.425
		Static Pressure	0.093	0.131	0.176	0.227	0.285	0.350	0.421
		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	48"	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
		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

Notes:

1. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Actual performance with flexible duct inlet may vary in the field.
2. Engineering Units: Static Pressure = in. wc; Total Pressure = in. wc; Throw = ft at 150, 100, & 50 fpm.
3. Throw values given are for isothermal conditions.
4. Airflow given is for the length of the diffuser.
5. NC is based upon 10dB room absorption (Re: 10⁻¹² watts) evaluated at 125 through 4000 Hz octave bands.
6. Dash (-) in space denotes an NC value of less than 10.

ENGINEERING DATA

ITPS, 2-Slot

6" Inlet 2 Slot									
3/4" Slot Width	24"	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	0.030	0.058	0.094	0.139	0.194	0.257
		Noise Criteria	-	17	25	30	35	39	42
		Throw	2-5-14	5-12-23	10-16-32	14-20-36	17-25-40	20-29-44	23-33-47
	48"	Airflow (CFM)	75	110	145	180	215	250	285
		Total Pressure	0.028	0.060	0.104	0.161	0.229	0.310	0.403
		Static Pressure	0.018	0.038	0.067	0.103	0.147	0.198	0.258
		Noise Criteria	-	19	25	30	35	38	41
		Throw	3-6-13	5-9-16	8-12-19	10-15-21	12-16-23	14-17-25	15-19-26
1" Slot Width	24"	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
		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
	48"	Airflow (CFM)	70	103	135	168	200	233	265
		Total Pressure	0.021	0.045	0.078	0.120	0.171	0.232	0.301
		Static Pressure	0.012	0.026	0.046	0.070	0.100	0.135	0.176
		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									
3/4" Slot Width	24"	Airflow (CFM)	50	75	100	125	150	175	200
		Total Pressure	0.018	0.039	0.070	0.109	0.158	0.214	0.280
		Static Pressure	0.016	0.036	0.063	0.099	0.142	0.193	0.253
		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
	48"	Airflow (CFM)	90	130	170	210	250	290	330
		Total Pressure	0.022	0.046	0.079	0.121	0.171	0.230	0.298
		Static Pressure	0.017	0.035	0.059	0.090	0.128	0.172	0.223
		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	24"	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
		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
	48"	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
		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

Notes:

1. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Actual performance with flexible duct inlet may vary in the field.
2. Engineering Units: Static Pressure = in. wc; Total Pressure = in. wc; Throw = ft at 150, 100, & 50 fpm.
3. Throw values given are for isothermal conditions.
4. Airflow given is for the length of the diffuser.
5. NC is based upon 10dB room absorption (Re: 10^{-12} watts) evaluated at 125 through 4000 Hz octave bands.
6. Dash (-) in space denotes an NC value of less than 10.



ENGINEERING DATA

ITPS, 2-Slot

10" Inlet 2 Slot									
3/4" Slot Width	24"	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
		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
	48"	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
		Noise Criteria	-	16	24	29	34	38	41
		Throw	3-6-13	7-11-18	10-15-21	13-17-24	15-18-26	16-20-28	18-21-30
1" Slot Width	24"	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	0.080	0.116	0.157	0.205
		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
	48"	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
		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									
3/4" Slot Width	48"	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
		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	48"	Airflow (CFM)	120	170	220	270	320	370	420
		Total Pressure	0.015	0.030	0.050	0.075	0.105	0.141	0.181
		Static Pressure	0.013	0.026	0.043	0.065	0.092	0.122	0.158
		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

Notes:

1. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Actual performance with flexible duct inlet may vary in the field.
2. Engineering Units: Static Pressure = in. wc; Total Pressure = in. wc; Throw = ft at 150, 100, & 50 fpm.
3. Throw values given are for isothermal conditions.
4. Airflow given is for the length of the diffuser.
5. NC is based upon 10dB room absorption (Re: 10⁻¹² watts) evaluated at 125 through 4000 Hz octave bands.
6. Dash (-) in space denotes an NC value of less than 10.



ENGINEERING DATA

ITPS, 3-Slot

6" Inlet 3 Slot									
3/4" Slot Width	24"	Airflow (CFM)	60	85	110	135	160	185	210
		Total Pressure	0.022	0.044	0.073	0.110	0.154	0.206	0.266
		Static Pressure	0.015	0.031	0.051	0.077	0.109	0.145	0.187
		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
	48"	Airflow (CFM)	100	145	190	235	280	325	370
		Total Pressure	0.041	0.086	0.147	0.226	0.320	0.431	0.559
		Static Pressure	0.023	0.048	0.083	0.127	0.180	0.243	0.314
		Noise Criteria	-	19	25	30	35	38	41
		Throw	2-6-14	5-10-19	9-13-21	11-16-24	13-18-26	15-20-28	17-21-30
1" Slot Width	24"	Airflow (CFM)	60	85	110	135	160	185	210
		Total Pressure	0.018	0.036	0.060	0.090	0.127	0.170	0.219
		Static Pressure	0.011	0.023	0.038	0.058	0.081	0.109	0.140
		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
	48"	Airflow (CFM)	95	130	165	200	235	270	305
		Total Pressure	0.033	0.063	0.101	0.148	0.205	0.270	0.345
		Static Pressure	0.017	0.032	0.052	0.077	0.106	0.140	0.178
		Noise Criteria	-	17	22	27	31	34	37
		Throw	1-3-11	3-6-15	4-10-20	6-12-22	9-14-24	11-16-26	12-18-27

8" Inlet 3 Slot									
3/4" Slot Width	24"	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
		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
	48"	Airflow (CFM)	115	165	215	265	315	365	415
		Total Pressure	0.026	0.054	0.092	0.140	0.198	0.266	0.344
		Static Pressure	0.017	0.036	0.060	0.092	0.130	0.174	0.225
		Noise Criteria	-	18	24	29	33	37	40
		Throw	3-7-16	7-11-20	10-15-23	12-18-25	14-20-28	17-21-30	18-22-32
1" Slot Width	24"	Airflow (CFM)	50	90	130	170	210	250	290
		Total Pressure	0.007	0.022	0.046	0.079	0.121	0.171	0.230
		Static Pressure	0.005	0.017	0.035	0.059	0.090	0.128	0.172
		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
	48"	Airflow (CFM)	100	155	210	265	320	375	430
		Total Pressure	0.017	0.041	0.075	0.120	0.175	0.240	0.316
		Static Pressure	0.010	0.024	0.045	0.072	0.104	0.143	0.188
		Noise Criteria	-	17	24	30	34	38	41
		Throw	2-4-12	4-9-18	7-12-23	10-16-25	13-19-28	15-21-30	17-23-32

Notes:

1. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Actual performance with flexible duct inlet may vary in the field.
2. Engineering Units: Static Pressure = in. wc; Total Pressure = in. wc; Throw = ft at 150, 100, & 50 fpm.
3. Throw values given are for isothermal conditions.
4. Airflow given is for the length of the diffuser.
5. NC is based upon 10dB room absorption (Re: 10^{-12} watts) evaluated at 125 through 4000 Hz octave bands.
6. Dash (-) in space denotes an NC value of less than 10.



ENGINEERING DATA

ITPS, 3-Slot

10" Inlet 3 Slot									
3/4" Slot Width	24"	Airflow (CFM)	80	115	150	185	220	255	290
		Total Pressure	0.020	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
		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
	48"	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
		Noise Criteria	-	18	24	29	33	37	40
		Throw	4-9-18	8-13-21	11-16-24	13-19-27	16-21-29	18-22-31	19-24-33
1" Slot Width	24"	Airflow (CFM)	80	115	150	185	220	255	290
		Total Pressure	0.013	0.027	0.046	0.070	0.099	0.134	0.173
		Static Pressure	0.011	0.022	0.038	0.058	0.082	0.110	0.142
		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
	48"	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	0.010	0.022	0.039	0.061	0.087	0.118	0.154
		Noise Criteria	-	18	24	29	34	37	40
		Throw	2-5-14	5-11-21	9-14-24	12-17-27	14-21-29	16-22-31	18-24-34

12" Inlet 3 Slot									
3/4" Slot Width	48"	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	0.220
		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	48"	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
		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

Notes:

1. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Actual performance with flexible duct inlet may vary in the field.
2. Engineering Units: Static Pressure = in. wc; Total Pressure = in. wc; Throw = ft at 150, 100, & 50 fpm.
3. Throw values given are for isothermal conditions.
4. Airflow given is for the length of the diffuser.
5. NC is based upon 10dB room absorption (Re: 10⁻¹² watts) evaluated at 125 through 4000 Hz octave bands.
6. Dash (-) in space denotes an NC value of less than 10.

ENGINEERING DATA

ITPS, 4-Slot

6" Inlet 4 Slot									
3/4" Slot Width	24"	Airflow (CFM)	65	100	135	170	205	240	275
		Total Pressure	0.021	0.050	0.090	0.143	0.209	0.286	0.375
		Static Pressure	0.013	0.032	0.058	0.092	0.133	0.183	0.240
		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
	48"	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
		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	24"	Airflow (CFM)	70	103	135	168	200	233	265
		Total Pressure	0.021	0.045	0.078	0.120	0.171	0.232	0.301
		Static Pressure	0.012	0.026	0.046	0.070	0.100	0.135	0.176
		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
	48"	Airflow (CFM)	115	163	210	258	305	353	400
		Total Pressure	0.046	0.091	0.152	0.228	0.320	0.428	0.551
		Static Pressure	0.022	0.044	0.073	0.110	0.154	0.206	0.265
		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									
3/4" Slot Width	24"	Airflow (CFM)	90	130	170	210	250	290	330
		Total Pressure	0.022	0.046	0.079	0.121	0.171	0.230	0.298
		Static Pressure	0.017	0.035	0.059	0.090	0.128	0.172	0.223
		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
	48"	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	0.020	0.041	0.069	0.104	0.147	0.197	0.255
		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	24"	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	0.120	0.160
		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
	48"	Airflow (CFM)	140	200	260	320	380	440	500
		Total Pressure	0.030	0.061	0.103	0.156	0.219	0.294	0.380
		Static Pressure	0.016	0.033	0.056	0.085	0.120	0.161	0.207
		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

Notes:

1. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Actual performance with flexible duct inlet may vary in the field.
2. Engineering Units: Static Pressure = in. wc; Total Pressure = in. wc; Throw = ft at 150, 100, & 50 fpm.
3. Throw values given are for isothermal conditions.
4. Airflow given is for the length of the diffuser.
5. NC is based upon 10dB room absorption (Re: 10^{-12} watts) evaluated at 125 through 4000 Hz octave bands.
6. Dash (-) in space denotes an NC value of less than 10.



ENGINEERING DATA

ITPS, 4-Slot

10" Inlet 4 Slot									
3/4" Slot Width	24"	Airflow (CFM)	70	125	180	235	290	345	400
		Total Pressure	0.010	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
		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
	48"	Airflow (CFM)	150	220	290	360	430	500	570
		Total Pressure	0.024	0.052	0.090	0.139	0.199	0.268	0.349
		Static Pressure	0.016	0.034	0.060	0.092	0.131	0.178	0.231
		Noise Criteria	-	18	24	29	34	37	40
		Throw	4-8-18	8-13-23	11-17-26	14-21-30	17-23-32	20-25-35	21-26-37
1" Slot Width	24"	Airflow (CFM)	100	143	185	228	270	313	355
		Total Pressure	0.015	0.030	0.051	0.077	0.108	0.145	0.187
		Static Pressure	0.011	0.023	0.038	0.058	0.082	0.110	0.141
		Noise Criteria	-	19	25	30	34	37	40
		Throw	3-7-2	6-13-31	10-20-40	15-25-50	20-29-56	23-34-60	26-39-64
	48"	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
		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									
3/4" Slot Width	48"	Airflow (CFM)	190	270	350	430	510	590	670
		Total Pressure	0.022	0.044	0.074	0.112	0.157	0.210	0.271
		Static Pressure	0.017	0.034	0.058	0.087	0.122	0.164	0.211
		Noise Criteria	-	18	25	29	34	37	40
		Throw	6-11-21	11-16-26	14-21-29	17-23-32	20-25-35	22-27-38	23-28-40
1" Slot Width	48"	Airflow (CFM)	190	265	340	415	490	565	640
		Total Pressure	0.017	0.033	0.054	0.080	0.111	0.148	0.190
		Static Pressure	0.012	0.023	0.038	0.057	0.079	0.105	0.135
		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

Notes:

1. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991. Actual performance with flexible duct inlet may vary in the field.
2. Engineering Units: Static Pressure = in. wc; Total Pressure = in. wc; Throw = ft at 150, 100, & 50 fpm.
3. Throw values given are for isothermal conditions.
4. Airflow given is for the length of the diffuser.
5. NC is based upon 10dB room absorption (Re: 10^{-12} watts) evaluated at 125 through 4000 Hz octave bands.
6. Dash (-) in space denotes an NC value of less than 10.