

CT-480 / 1/8" THICK BARS / 0° DEFLECTION / 1/4" SPACING WIDTH

Effective Area, Square Feet	Nominal Duct Width, Inches										
0.048	2	Total Pressure	0.011	0.024	0.042	0.068	0.097	0.134	0.173	0.217	0.272
		cfm per foot	19	28	37	47	56	66	75	84	94
		Noise Criteria (NC)	-	-	-	14	19	24	27	31	34
		Throw, Side Wall	3-5-10	5-8-15	7-10-18	8-13-20	10-15-22	12-17-23	14-18-25	15-19-26	16-20-28
0.066	2½	Total Pressure	0.011	0.024	0.043	0.066	0.096	0.13	0.17	0.215	0.266
		cfm per foot	26	39	52	65	78	91	104	117	130
		Noise Criteria (NC)	-	-	-	15	20	25	29	32	35
		Throw, Side Wall	3-6-12	6-9-18	8-12-21	10-15-23	12-18-25	14-19-27	16-21-29	18-22-31	19-23-33
0.084	3	Total Pressure	0.01	0.024	0.041	0.066	0.095	0.128	0.168	0.211	0.262
		cfm per foot	33	50	66	83	100	116	133	149	166
		Noise Criteria (NC)	-	-	-	16	21	26	30	33	36
		Throw, Side Wall	3-7-13	7-10-20	9-13-23	11-17-26	14-20-29	16-22-31	18-23-33	20-25-35	21-26-37
0.103	3½	Total Pressure	0.011	0.024	0.043	0.066	0.095	0.13	0.169	0.216	0.265
		cfm per foot	41	61	82	102	122	143	163	184	204
		Noise Criteria (NC)	-	-	11	17	22	27	30	34	37
		Throw, Side Wall	4-8-15	8-11-22	10-15-26	13-19-29	15-22-32	18-24-34	20-26-37	23-28-39	24-29-41
0.121	4	Total Pressure	0.011	0.024	0.044	0.068	0.097	0.133	0.173	0.221	0.271
		cfm per foot	49	73	98	122	146	171	195	220	244
		Noise Criteria (NC)	-	-	12	18	23	28	32	35	38
		Throw, Side Wall	4-8-17	8-12-25	11-17-28	14-21-32	17-25-35	19-27-38	22-28-40	25-30-43	26-32-45
0.157	5	Total Pressure	0.011	0.024	0.042	0.066	0.094	0.129	0.168	0.212	0.263
		cfm per foot	63	94	125	157	188	220	251	282	314
		Noise Criteria (NC)	-	-	12	19	24	29	32	36	39
		Throw, Side Wall	5-9-19	9-14-28	12-19-32	16-23-36	19-28-39	22-30-43	25-32-46	28-34-48	29-36-51
0.194	6	Total Pressure	0.011	0.024	0.042	0.066	0.095	0.129	0.168	0.213	0.263
		cfm per foot	78	116	155	194	233	272	310	349	388
		Noise Criteria (NC)	-	-	13	20	25	30	33	37	40
		Throw, Side Wall	6-10-21	10-16-31	14-21-36	17-26-40	21-31-44	24-34-47	28-36-51	31-38-54	33-40-57

CT-481 / 1/8" THICK BARS / 15° DEFLECTION / 1/4" SPACING WIDTH

Effective Area, Square Feet	Nominal Duct Width, Inches										
0.049	2	Total Pressure	0.011	0.024	0.042	0.068	0.096	0.133	0.172	0.216	0.271
		cfm per foot	19	28	37	47	56	66	75	84	94
		Noise Criteria (NC)	-	-	14	21	26	31	34	38	41
		Throw, Side Wall	3-5-10	5-7-15	7-10-18	8-13-20	10-15-22	12-17-23	13-18-25	15-19-26	16-20-28
0.066	2½	Total Pressure	0.011	0.024	0.042	0.066	0.095	0.129	0.169	0.214	0.264
		cfm per foot	26	39	52	65	78	91	104	117	130
		Noise Criteria (NC)	-	-	16	22	27	31	35	39	42
		Throw, Side Wall	3-6-12	6-9-18	8-12-21	10-15-23	12-18-25	14-19-27	16-21-29	18-22-31	19-23-33
0.083	3	Total Pressure	0.01	0.024	0.041	0.065	0.095	0.127	0.167	0.21	0.26
		cfm per foot	33	50	66	83	100	116	133	149	166
		Noise Criteria (NC)	-	-	16	23	28	32	36	39	42
		Throw, Side Wall	4-7-14	7-10-20	9-14-23	11-17-26	14-20-29	16-22-31	18-23-33	20-25-35	21-26-37
0.100	3½	Total Pressure	0.011	0.024	0.043	0.066	0.094	0.129	0.168	0.214	0.263
		cfm per foot	41	61	82	102	122	143	163	184	204
		Noise Criteria (NC)	-	-	17	24	29	33	37	40	43
		Throw, Side Wall	4-8-15	8-11-22	10-15-26	13-19-29	15-22-32	18-24-34	20-26-37	23-28-39	24-29-41
0.117	4	Total Pressure	0.011	0.024	0.044	0.067	0.097	0.132	0.172	0.219	0.27
		cfm per foot	49	73	98	122	146	171	195	220	244
		Noise Criteria (NC)	-	-	18	25	30	34	38	41	44
		Throw, Side Wall	5-8-17	8-13-25	11-17-28	14-21-32	17-25-35	20-27-38	22-28-40	25-30-43	26-32-45
0.151	5	Total Pressure	0.011	0.023	0.041	0.065	0.094	0.128	0.167	0.211	0.261
		cfm per foot	63	94	125	157	188	220	251	282	314
		Noise Criteria (NC)	-	-	19	25	30	35	39	42	45
		Throw, Side Wall	5-10-19	10-14-28	13-19-32	16-24-36	19-28-39	22-30-43	25-32-46	28-34-48	29-36-51
0.186	6	Total Pressure	0.011	0.023	0.042	0.065	0.094	0.128	0.167	0.211	0.261
		cfm per foot	78	116	155	194	233	272	310	349	388
		Noise Criteria (NC)	-	11	20	26	31	36	39	43	46
		Throw, Side Wall	6-11-21	11-16-31	14-21-36	18-27-40	21-31-44	25-34-47	28-36-51	31-38-54	33-40-57

Performance notes appear at end of performance data

CT-580 / 1/8" THICK BARS / 0° DEFLECTION / 1/2" SPACING WIDTH

Effective Area, Square Feet	Nominal Duct Width, Inches										
0.055	2	Total Pressure	0.009	0.021	0.037	0.058	0.084	0.114	0.149	0.189	0.234
		cfm per foot	22	33	44	55	66	77	88	99	110
		Noise Criteria (NC)	-	-	-	12	17	21	25	28	31
		Throw, Side Wall	3-6-11	6-8-17	7-11-19	9-14-21	11-17-23	13-18-25	15-19-27	17-20-29	17-21-30
0.076	2½	Total Pressure	0.009	0.019	0.033	0.051	0.073	0.098	0.128	0.161	0.199
		cfm per foot	30	44	58	72	86	100	114	128	142
		Noise Criteria (NC)	-	-	-	12	17	21	24	28	30
		Throw, Side Wall	3-6-13	6-9-19	8-12-22	10-15-24	12-18-27	14-20-29	16-22-31	18-23-33	20-24-34
0.096	3	Total Pressure	0.009	0.02	0.036	0.057	0.083	0.113	0.149	0.189	0.234
		cfm per foot	38	58	78	98	118	138	158	178	198
		Noise Criteria (NC)	-	-	-	14	19	24	27	31	34
		Throw, Side Wall	4-7-14	7-11-22	10-15-25	12-19-28	15-22-31	18-24-34	20-26-36	22-27-38	23-29-40
0.117	3½	Total Pressure	0.008	0.019	0.034	0.053	0.076	0.103	0.135	0.171	0.211
		cfm per foot	46	69	92	115	138	161	184	207	230
		Noise Criteria (NC)	-	-	-	14	19	23	27	30	33
		Throw, Side Wall	4-8-16	8-12-4	11-16-28	13-20-31	16-24-34	19-26-37	21-28-39	24-29-41	25-31-44
0.138	4	Total Pressure	0.009	0.02	0.035	0.054	0.077	0.104	0.136	0.171	0.211
		cfm per foot	56	83	110	137	164	191	218	245	272
		Noise Criteria (NC)	-	-	-	15	20	24	28	31	34
		Throw, Side Wall	5-9-18	9-13-26	12-18-30	15-22-34	17-26-37	20-28-40	23-30-42	26-32-45	27-34-47
0.179	5	Total Pressure	0.009	0.019	0.034	0.052	0.075	0.102	0.133	0.168	0.207
		cfm per foot	72	107	142	177	212	247	282	317	352
		Noise Criteria (NC)	-	-	-	16	21	25	29	32	35
		Throw, Side Wall	5-10-20	10-15-30	13-20-34	16-25-38	20-30-42	23-32-45	26-34-48	30-36-51	31-38-54
0.221	6	Total Pressure	0.008	0.019	0.035	0.054	0.079	0.107	0.14	0.178	0.22
		cfm per foot	88	133	178	223	268	313	358	403	448
		Noise Criteria (NC)	-	-	11	17	22	27	30	34	37
		Throw, Side Wall	6-11-22	11-17-33	15-22-38	19-28-43	22-33-47	26-36-51	30-39-54	33-41-58	35-43-61

CT-581 / 1/8" THICK BARS / 15° DEFLECTION / 1/2" SPACING WIDTH

Effective Area, Square Feet	Nominal Duct Width, Inches											
0.055	2	Total Pressure	0.009	0.021	0.037	0.058	0.084	0.114	0.149	0.189	0.233	
		cfm per foot	22	33	44	55	66	77	88	99	110	
		Noise Criteria (NC)	-	-	-	12	19	24	29	33	36	40
		Throw, Side Wall	3-6-11	6-8-17	7-11-19	9-14-21	11-17-23	13-18-25	15-19-27	17-20-29	17-21-30	
0.075	2½	Total Pressure	0.009	0.02	0.035	0.055	0.08	0.108	0.142	0.179	0.221	
		cfm per foot	30	45	60	75	90	105	120	135	150	
		Noise Criteria (NC)	-	-	13	20	25	30	34	37	40	
		Throw, Side Wall	3-6-13	6-10-19	9-13-22	11-16-25	13-19-27	15-21-29	17-22-32	19-24-33	20-25-35	
0.096	3	Total Pressure	0.009	0.019	0.034	0.054	0.077	0.105	0.137	0.174	0.215	
		cfm per foot	38	57	76	95	114	133	152	171	190	
		Noise Criteria (NC)	-	-	14	20	26	30	34	38	41	
		Throw, Side Wall	4-7-15	7-11-22	10-15-25	12-18-28	15-22-31	17-23-33	19-25-35	22-27-38	23-28-40	
0.116	3½	Total Pressure	0.008	0.018	0.033	0.052	0.075	0.102	0.133	0.169	0.209	
		cfm per foot	45	68	91	114	137	160	183	206	229	
		Noise Criteria (NC)	-	-	14	21	26	31	35	38	41	
		Throw, Side Wall	4-8-16	8-12-4	11-16-27	13-20-31	16-24-34	19-26-36	21-28-39	24-29-41	25-31-44	
0.136	4	Total Pressure	0.008	0.018	0.033	0.051	0.074	0.101	0.132	0.167	0.206	
		cfm per foot	53	80	107	134	161	188	215	242	269	
		Noise Criteria (NC)	-	-	14	21	27	31	35	39	42	
		Throw, Side Wall	4-9-17	9-13-26	11-17-30	14-22-33	17-26-37	20-28-39	23-30-42	26-32-45	27-33-47	
0.176	5	Total Pressure	0.008	0.018	0.032	0.05	0.073	0.099	0.13	0.164	0.203	
		cfm per foot	69	104	139	174	209	244	279	314	349	
		Noise Criteria (NC)	-	-	15	22	28	32	36	40	43	
		Throw, Side Wall	5-10-19	10-15-29	13-20-34	16-25-38	20-29-42	23-32-45	26-34-48	29-36-51	31-38-54	
0.216	6	Total Pressure	0.008	0.018	0.031	0.049	0.07	0.095	0.124	0.157	0.194	
		cfm per foot	85	127	169	211	253	295	337	379	421	
		Noise Criteria (NC)	-	-	16	23	28	33	37	40	43	
		Throw, Side Wall	6-11-22	11-16-32	14-22-37	18-27-42	21-32-46	25-35-49	29-37-53	32-40-56	34-42-59	

Performance notes appear at end of performance data



CT-540 / ¼" THICK BARS / 0° DEFLECTION / ½" SPACING WIDTH

Effective Area, Square Feet	Nominal Duct Width, Inches										
0.053	2	Total Pressure	0.009	0.02	0.036	0.058	0.082	0.113	0.146	0.184	0.23
		cfm per foot	19	28	37	47	56	66	75	84	94
		Noise Criteria (NC)	-	-	-	14	19	24	28	31	34
		Throw, Side Wall	2-5-10	5-7-14	6-10-18	8-12-20	10-14-22	11-17-23	13-18-25	14-19-26	16-20-28
0.075	2½	Total Pressure	0.009	0.02	0.036	0.056	0.081	0.11	0.144	0.182	0.224
		cfm per foot	26	39	52	65	78	91	104	117	130
		Noise Criteria (NC)	-	-	-	15	21	25	29	33	36
		Throw, Side Wall	3-6-11	6-8-17	7-11-21	9-14-23	11-17-25	13-19-27	15-21-29	17-22-31	19-23-33
0.097	3	Total Pressure	0.009	0.02	0.035	0.055	0.08	0.108	0.142	0.178	0.221
		cfm per foot	33	50	66	83	100	116	133	149	166
		Noise Criteria (NC)	-	-	-	16	22	26	30	33	37
		Throw, Side Wall	3-6-13	6-10-19	8-13-23	11-16-26	13-19-29	15-22-31	17-23-33	19-25-35	21-26-37
0.119	3½	Total Pressure	0.009	0.02	0.036	0.056	0.08	0.11	0.143	0.182	0.224
		cfm per foot	41	61	82	102	122	143	163	184	204
		Noise Criteria (NC)	-	-	11	18	23	27	31	35	38
		Throw, Side Wall	3-7-14	7-10-21	9-14-26	12-18-29	14-21-32	16-24-34	19-26-37	21-28-39	23-29-41
0.141	4	Total Pressure	0.009	0.021	0.037	0.057	0.082	0.113	0.146	0.186	0.229
		cfm per foot	49	73	98	122	146	171	195	220	244
		Noise Criteria (NC)	-	-	12	19	24	28	32	36	39
		Throw, Side Wall	4-8-15	8-12-23	10-15-28	13-19-32	15-23-35	18-27-38	21-28-40	23-30-43	26-32-45
0.185	5	Total Pressure	0.009	0.02	0.035	0.056	0.08	0.109	0.142	0.179	0.222
		cfm per foot	63	94	125	157	188	220	251	282	314
		Noise Criteria (NC)	-	-	13	19	25	29	33	36	39
		Throw, Side Wall	4-9-17	9-13-26	11-17-32	14-22-36	17-26-39	20-30-43	23-32-46	26-34-48	29-36-51
0.228	6	Total Pressure	0.009	0.02	0.035	0.056	0.08	0.109	0.142	0.18	0.222
		cfm per foot	78	116	155	194	233	272	310	349	388
		Noise Criteria (NC)	-	-	14	20	26	30	34	37	40
		Throw, Side Wall	4-10-19	10-14-29	13-19-36	16-24-40	19-29-44	22-34-47	26-36-51	29-38-54	32-40-57

CT-541 / ¼" THICK BARS / 15° DEFLECTION / ½" SPACING WIDTH

Effective Area, Square Feet	Nominal Duct Width, Inches										
0.048	2	Total Pressure	0.011	0.025	0.043	0.069	0.098	0.136	0.176	0.221	0.277
		cfm per foot	19	28	37	47	56	66	75	84	94
		Noise Criteria (NC)	-	-	12	19	25	30	33	37	40
		Throw, Side Wall	3-5-10	5-8-15	7-10-18	8-13-20	10-15-2	12-17-23	14-18-25	15-19-26	16-20-28
0.068	2½	Total Pressure	0.011	0.024	0.043	0.067	0.097	0.132	0.173	0.219	0.27
		cfm per foot	26	39	52	65	78	91	104	117	130
		Noise Criteria (NC)	-	-	14	21	26	31	35	38	41
		Throw, Side Wall	3-6-12	6-9-18	8-12-21	10-15-23	12-1-25	14-19-27	16-21-29	18-22-31	19-23-33
0.088	3	Total Pressure	0.011	0.024	0.042	0.067	0.097	0.13	0.171	0.214	0.266
		cfm per foot	33	50	66	83	100	116	133	149	166
		Noise Criteria (NC)	-	-	15	22	27	32	36	39	42
		Throw, Side Wall	3-7-13	7-10-20	9-13-23	11-17-26	13-20-29	15-22-31	18-23-33	20-25-35	21-26-37
0.108	3½	Total Pressure	0.011	0.024	0.043	0.067	0.096	0.132	0.172	0.219	0.269
		cfm per foot	41	61	82	102	122	143	163	184	204
		Noise Criteria (NC)	-	-	16	23	28	33	37	40	43
		Throw, Side Wall	4-7-15	7-11-22	10-15-26	12-18-29	15-22-32	17-24-34	20-26-37	22-28-39	24-29-41
0.128	4	Total Pressure	0.011	0.025	0.044	0.069	0.099	0.135	0.176	0.224	0.276
		cfm per foot	49	73	98	122	146	171	195	220	244
		Noise Criteria (NC)	-	-	17	24	29	34	38	41	44
		Throw, Side Wall	4-8-16	8-12-24	11-16-28	13-20-32	16-24-35	19-27-38	22-28-40	24-30-43	26-32-45
0.168	5	Total Pressure	0.011	0.024	0.042	0.067	0.096	0.131	0.171	0.215	0.267
		cfm per foot	63	94	125	157	188	220	251	282	314
		Noise Criteria (NC)	-	-	18	25	30	35	39	42	45
		Throw, Side Wall	4-9-18	9-14-27	12-18-32	15-23-36	18-27-39	21-30-43	24-32-46	27-34-48	29-36-51
0.208	6	Total Pressure	0.011	0.024	0.043	0.067	0.096	0.131	0.171	0.216	0.267
		cfm per foot	78	116	155	194	233	272	310	349	388
		Noise Criteria (NC)	-	-	19	26	31	36	40	43	46
		Throw, Side Wall	5-10-20	10-15-30	13-20-36	17-25-40	20-30-44	24-34-47	27-36-51	30-38-54	33-40-57

Performance notes appear at end of performance data

CT-PP-0 / 7/32" THICK BARS / 0° DEFLECTION / 7/16" SPACING WIDTH

Effective Area, Square Feet	Nominal Duct Width, Inches										
0.050	2	Total Pressure	0.013	0.03	0.053	0.084	0.12	0.164	0.214	0.271	0.334
		cfm per foot	20	30	40	50	60	70	80	90	100
		Noise Criteria (NC)	-	-	-	14	19	23	27	30	33
		Throw, Side Wall	3-5-11	5-8-16	7-11-18	9-13-20	11-16-22	12-17-24	14-18-26	16-19-27	17-20-29
0.072	2½	Total Pressure	0.013	0.03	0.053	0.084	0.12	0.164	0.214	0.271	0.334
		cfm per foot	28	42	56	70	84	98	112	126	140
		Noise Criteria (NC)	-	-	-	15	20	25	29	32	35
		Throw, Side Wall	3-6-12	6-9-19	8-12-22	10-15-24	12-19-26	14-20-28	16-22-30	19-23-32	20-24-34
0.094	3	Total Pressure	0.015	0.034	0.06	0.093	0.134	0.182	0.238	0.302	0.372
		cfm per foot	38	57	76	95	114	133	152	171	190
		Noise Criteria (NC)	-	-	12	18	23	27	31	35	38
		Throw, Side Wall	4-7-15	7-11-22	10-15-25	12-18-8	15-22-31	17-23-33	20-25-35	22-27-38	23-28-40
0.115	3½	Total Pressure	0.015	0.033	0.058	0.091	0.132	0.179	0.234	0.296	0.365
		cfm per foot	46	69	92	115	138	161	184	207	230
		Noise Criteria (NC)	-	-	12	19	24	28	32	35	38
		Throw, Side Wall	4-8-16	8-12-24	11-16-28	13-20-31	16-24-34	19-26-37	21-28-39	24-29-41	25-31-44
0.137	4	Total Pressure	0.014	0.032	0.058	0.09	0.13	0.177	0.231	0.292	0.36
		cfm per foot	54	81	108	135	162	189	216	243	270
		Noise Criteria (NC)	-	-	13	19	24	29	32	36	39
		Throw, Side Wall	4-9-17	9-13-26	12-17-30	14-22-33	17-26-37	20-28-40	23-30-42	26-32-45	27-33-47
0.180	5	Total Pressure	0.015	0.033	0.058	0.091	0.13	0.176	0.23	0.291	0.358
		cfm per foot	72	107	142	177	212	247	282	317	352
		Noise Criteria (NC)	-	-	14	20	26	30	34	37	40
		Throw, Side Wall	5-10-20	10-15-30	13-20-34	16-25-38	20-30-42	23-32-45	26-34-48	29-36-51	31-38-54
0.224	6	Total Pressure	0.011	0.028	0.054	0.088	0.131	0.182	0.241	0.309	0.385
		cfm per foot	75	122	169	216	263	310	357	404	451
		Noise Criteria (NC)	-	-	14	21	27	31	35	39	42
		Throw, Side Wall	4-9-19	10-15-31	14-21-37	18-27-42	22-33-47	26-36-51	30-38-54	33-41-58	35-43-61

CT-PP-3 / 7/32" THICK BARS / 30° DEFLECTION / 7/16" SPACING WIDTH

Effective Area, Square Feet	Nominal Duct Width, Inches										
0.048	2	Total Pressure	0.012	0.028	0.051	0.08	0.116	0.159	0.209	0.265	0.328
		cfm per foot	19	29	39	49	59	69	79	89	99
		Noise Criteria (NC)	-	-	16	22	28	32	36	39	43
		Throw, Side Wall	3-5-10	5-8-15	7-10-18	9-13-20	11-16-22	12-17-24	14-18-26	16-19-27	17-20-29
0.066	2½	Total Pressure	0.012	0.026	0.046	0.072	0.104	0.141	0.184	0.233	0.288
		cfm per foot	26	39	52	65	78	91	104	117	130
		Noise Criteria (NC)	-	-	16	22	27	32	36	39	42
		Throw, Side Wall	3-6-12	6-9-18	8-12-21	10-15-23	12-18-25	14-19-27	16-21-29	18-22-31	19-23-33
0.084	3	Total Pressure	0.011	0.026	0.046	0.073	0.105	0.144	0.188	0.238	0.295
		cfm per foot	33	50	67	84	101	118	135	152	169
		Noise Criteria (NC)	-	-	17	23	29	33	37	40	43
		Throw, Side Wall	3-7-13	7-10-20	9-14-24	11-17-26	14-20-29	16-22-31	18-24-33	20-25-35	22-26-37
0.102	3½	Total Pressure	0.011	0.025	0.044	0.069	0.099	0.135	0.177	0.224	0.276
		cfm per foot	40	60	80	100	120	140	160	180	200
		Noise Criteria (NC)	-	-	17	23	29	33	37	40	43
		Throw, Side Wall	4-7-15	7-11-22	10-15-26	12-19-29	15-22-32	17-24-34	20-26-36	22-27-39	23-29-41
0.120	4	Total Pressure	0.012	0.027	0.048	0.076	0.11	0.15	0.196	0.248	0.307
		cfm per foot	49	74	99	124	149	174	199	224	249
		Noise Criteria (NC)	-	-	19	25	31	35	39	42	45
		Throw, Side Wall	4-8-17	8-13-25	11-17-29	14-21-32	17-25-35	20-27-38	23-29-41	25-30-43	26-32-45
0.156	5	Total Pressure	0.011	0.026	0.047	0.073	0.106	0.144	0.188	0.238	0.294
		cfm per foot	63	95	127	159	191	223	255	287	319
		Noise Criteria (NC)	-	11	19	26	31	36	40	43	46
		Throw, Side Wall	5-9-19	9-14-28	13-19-32	16-24-36	19-28-40	22-30-43	25-32-46	28-34-49	30-36-51
0.192	6	Total Pressure	0.011	0.025	0.045	0.071	0.102	0.139	0.182	0.231	0.285
		cfm per foot	76	115	154	193	232	271	310	349	388
		Noise Criteria (NC)	-	11	20	26	32	36	40	43	46
		Throw, Side Wall	5-10-21	10-16-31	14-21-36	17-26-40	21-31-44	24-34-47	28-36-51	31-38-54	33-40-57

Performance notes appear at end of performance data



- All pressures are in inches of water
- Throw velocities are given for terminal velocities of 150, 100 and 50 fpm. For an explanation of catalog throw data, see the Engineering Guidelines section.
- Throw values are based on an active section 4 feet long
- Multipliers for correcting the throw for other lengths are shown in the table below

Throw Correction for Length (multiply)

Active Length (ft)	2	4	8	10
Throw Correction	0.72	1	1.5	1.7

Note: Throw values based on applications with surface effect. Use the multiplier of 0.7 for free jet applications

- NC values are based on a room absorption of 10 dB, re 10⁻¹² watts, with a 4-foot active diffuser section. Corrections for other lengths are shown in the table below.

NC Correction for Length (add)

Active Length (ft)	2	4	6	8	10
NC Correction	-3	0	2	3	5

- When the diffuser is used as a return intake, the NC value is increased by 4, and the negative static pressure is 0.8 times the listed total pressure
- Dash (-) in space denotes an NC value less than 10
- For continuous lengths, the selection for NC is usually based on a 10-foot section
- These products have been tested per ANSI/ASHRAE Standard 70-2006. Actual performance, with flexible duct inlet and supply plenums, may vary in the field. See the Engineering Guidelines section of this catalog for additional information.
- Maximum available width 24 inches except frames 5 and 6 (12" width). Consult your Titus representative for performance data.
- For continuous lengths it is recommended that maximum active lengths are no longer than 10 feet

