

PERFORMANCE DATA:

MODEL 5315(I) • 1 1/2" (38) SLOT WIDTH

1 Slot • 24" (610) Long

6" Round Inlet	Airflow, CFM	50	60	70	80	90	100	110	120
	Total Pressure	.039	.056	.076	.099	.125	.155	.087	.223
	Noise Criteria	18	23	26	30	32	35	37	39
	Throw	5-8-12	6-9-13	7-10-14	8-11-15	9-11-16	10-12-17	10-12-17	11-13-18
8" Round Inlet	Airflow, CFM	60	70	80	90	100	110	120	130
	Total Pressure	.032	.044	.058	.073	.090	.109	0.130	.152
	Noise Criteria	20	24	27	30	32	35	37	39
	Throw	6-9-13	7-10-14	8-11-15	9-11-16	10-12-17	10-12-17	11-13-18	11-13-19
10" Oval Inlet	Airflow, CFM	70	80	90	100	110	120	130	140
	Total Pressure	.031	.040	.051	.063	.076	.090	.106	.123
	Noise Criteria	22	25	28	31	33	35	37	39
	Throw	7-10-14	8-11-15	9-11-16	10-12-17	10-12-17	11-13-18	11-13-19	11-14-20

1 Slot • 48" (1219) Long

8" Round Inlet	Airflow, CFM	60	85	110	135	160	185	210	235
	Total Pressure	.015	.031	.052	.078	.110	.147	.189	.237
	Noise Criteria	-	15	21	26	30	34	37	39
	Throw	4-7-13	6-9-15	8-12-17	10-14-19	12-15-21	13-16-23	14-17-24	15-18-26
10" Oval Inlet	Airflow, CFM	70	95	120	145	170	195	220	245
	Total Pressure	.015	.027	.044	.064	.088	.115	.147	.182
	Noise Criteria	-	16	21	26	30	33	36	39
	Throw	5-8-14	7-11-16	9-13-18	11-14-20	13-15-22	13-16-23	14-17-25	15-18-26
12" Oval Inlet	Airflow, CFM	90	115	140	165	190	215	240	265
	Total Pressure	.019	.031	.045	.063	.083	.107	.133	.162
	Noise Criteria	13	19	24	28	31	34	37	39
	Throw	7-10-16	9-13-18	10-14-20	12-15-21	13-16-23	14-17-24	15-18-26	16-19-27

1 Slot • 60" (1524) Long

8" Round Inlet	Airflow, CFM	60	90	120	150	180	210	240	270
	Total Pressure	.012	.027	.048	.075	.109	.148	.193	.244
	Noise Criteria	-	15	22	27	32	35	39	42
	Throw	5-5-10	7-7-14	10-10-18	12-12-20	14-14-22	17-17-24	18-18-26	19-19-27
10" Oval Inlet	Airflow, CFM	70	100	130	160	190	220	250	280
	Total Pressure	.012	.024	.040	.061	.086	.116	.149	.187
	Noise Criteria	-	16	22	27	31	35	38	41
	Throw	6-6-11	8-8-16	10-10-19	13-13-21	15-15-23	17-17-25	19-19-26	20-20-28
12" Oval Inlet	Airflow, CFM	80	110	140	170	200	230	260	290
	Total Pressure	.012	.022	.036	.053	.073	.097	.123	.154
	Noise Criteria	-	17	23	27	31	35	38	40
	Throw	4-6-13	6-9-17	7-11-20	9-14-22	11-16-24	12-18-25	14-19-27	16-20-28

Performance Notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
2. Total Pressure is in inches w.g..
3. Noise Criteria [NC] values based on 10 dB room absorption, re 10⁻¹² watts.
4. Cataloged throws are for a one-way horizontal air pattern. For divided airflow, deduce the airflow in each direction according to the number of slots, with the total airflow apportioned between the slots. Look up throw for the airflow in each direction according to the number of slots in that direction.
5. Performance data is based upon the standard **5300 Series** Model. The **5300MP** Modified Performance Series reduces the tabulated throw values by approximately 25%. Horizontal spread values are approximately 150% of the horizontal throw (T) projection values.
6. Dash (-) in space indicates an Noise Criteria level of less than 15.
7. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006.

PERFORMANCE DATA:

MODEL 5315(I) • 1 1/2" (38) SLOT WIDTH

2 Slot • 24" (610) Long

6" Round Inlet	Airflow, CFM	50	75	100	125	150	175	200	225
	Total Pressure	.018	.040	.071	.110	.159	.216	.282	.357
	Noise Criteria	-	14	21	27	31	35	38	41
	Throw	4-6-11	6-8-14	7-11-17	9-13-19	11-14-20	13-16-22	14-17-24	14-18-25
8" Round Inlet	Airflow, CFM	60	85	110	135	160	185	210	235
	Total Pressure	.015	.031	.052	.078	.110	.147	.189	.237
	Noise Criteria	-	15	21	26	30	34	37	39
	Throw	4-7-13	6-9-15	8-12-17	10-14-19	12-15-21	13-16-23	14-17-24	15-18-26
10" Oval Inlet	Airflow, CFM	70	95	120	145	170	195	220	245
	Total Pressure	.015	.027	.044	.064	.088	.115	.147	.182
	Noise Criteria	-	16	21	26	30	33	36	39
	Throw	5-8-14	7-11-16	9-13-18	11-14-20	13-15-22	13-16-23	14-17-25	15-18-26

2 Slot • 48" (1219) Long

6" Round Inlet	Airflow, CFM	100	140	180	220	260	300	340	380
	Total Pressure	.029	.056	.093	.138	.193	.257	.330	.412
	Noise Criteria	-	16	22	27	31	34	37	40
	Throw	5-8-16	7-11-20	9-14-22	12-17-25	14-19-27	16-20-29	18-22-31	19-23-32
8" Round Inlet	Airflow, CFM	120	160	200	240	280	320	360	400
	Total Pressure	.028	.050	.077	.111	.152	.198	.251	.310
	Noise Criteria	-	16	22	26	30	33	36	39
	Throw	6-9-18	8-13-21	10-16-24	13-18-26	15-20-28	17-21-30	18-22-32	19-24-33
10" Oval Inlet	Airflow, CFM	130	175	220	265	310	355	400	445
	Total Pressure	.024	.043	.069	.100	.136	.179	.227	.281
	Noise Criteria	-	17	22	27	31	34	37	40
	Throw	7-10-19	9-14-22	12-17-25	14-19-27	16-21-29	18-22-31	19-24-33	20-25-35
12" Oval Inlet	Airflow, CFM	140	190	240	290	340	390	440	490
	Total Pressure	.022	.040	.063	.092	.127	.167	.213	.264
	Noise Criteria	-	17	23	28	32	35	38	41
	Throw	7-11-20	10-15-23	13-18-26	15-20-28	18-22-31	19-23-33	20-25-35	21-26-37

2 Slot • 60" (1524) Long

8" Round Inlet	Airflow, CFM	150	200	250	300	350	400	450	500
	Total Pressure	.033	.059	.091	.132	.179	.234	.296	.366
	Noise Criteria	-	17	23	27	31	34	37	40
	Throw	12-12-20	16-16-24	19-19-26	20-20-29	22-22-31	24-24-33	25-25-35	26-26-37
10" Oval Inlet	Airflow, CFM	160	215	270	325	380	435	490	545
	Total Pressure	.028	.051	.080	.116	.158	.207	.263	.325
	Noise Criteria	-	17	23	28	31	35	38	40
	Throw	13-13-21	17-17-24	19-19-27	21-21-30	23-23-32	25-25-35	26-26-37	27-27-39
12" Oval Inlet	Airflow, CFM	180	240	300	360	420	480	540	600
	Total Pressure	.028	.049	.077	.111	.151	.197	.250	.308
	Noise Criteria	12	19	24	29	32	36	39	41
	Throw	10-14-22	13-18-26	16-20-29	18-22-32	20-24-34	21-26-36	22-27-39	24-29-41

Performance Notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
2. Total Pressure is in inches w.g..
3. Noise Criteria [NC] values based on 10 dB room absorption, re 10⁻¹² watts.
4. Cataloged throws are for a one-way horizontal air pattern. For divided airflow, deduce the airflow in each direction according to the number of slots, with the total airflow apportioned

5. Performance data is based upon the standard **5300 Series** Model. The **5300MP** Modified Performance Series reduces the tabulated throw values by approximately 25%. Horizontal spread values are approximately 150% of the horizontal throw (T) projection values.
6. Dash (-) in space indicates an Noise Criteria level of less than 15.

7. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006.

PERFORMANCE DATA:

MODEL 5315(I) • 1 1/2" (38) SLOT WIDTH

3 Slot • 24" (610) Long

6" Round Inlet	Airflow, CFM	100	130	160	190	220	250	280	310
	Total Pressure	.027	.046	.070	.098	.132	.170	.213	.261
	Noise Criteria	13	20	25	29	32	36	38	41
	Throw	8-12-17	11-13-19	12-15-21	13-16-23	14-17-25	15-19-26	16-20-28	17-21-29
8" Round Inlet	Airflow, CFM	110	140	170	200	230	260	290	320
	Total Pressure	.024	.038	.057	.078	.104	.132	.165	.200
	Noise Criteria	13	19	24	28	31	34	37	39
	Throw	9-12-17	11-14-20	13-15-22	14-17-24	15-18-25	16-19-27	16-20-28	17-21-30
10" Oval Inlet	Airflow, CFM	120	155	190	225	260	295	330	365
	Total Pressure	.022	.036	.054	.076	.102	.131	.164	.200
	Noise Criteria	13	20	25	29	32	35	38	40
	Throw	10-13-18	12-15-21	13-1-23	14-18-25	16-19-7	17-20-29	17-21-30	18-23-32

3 Slot • 48" (1219) Long

6" Round Inlet	Airflow, CFM	120	175	230	285	340	395	450	505
	Total Pressure	.021	.045	.077	.118	.168	.227	.295	.371
	Noise Criteria	-	13	20	25	29	33	36	39
	Throw	7-11-18	10-16-22	14-18-25	16-20-28	18-22-31	19-23-33	20-25-35	22-26-37
8" Round Inlet	Airflow, CFM	140	200	260	320	380	440	500	560
	Total Pressure	.023	.046	.078	.118	.166	.222	.287	.360
	Noise Criteria	-	14	20	25	29	33	36	39
	Throw	8-13-20	12-17-24	16-19-27	17-21-30	19-23-32	20-25-35	22-26-37	23-28-39
10" Oval Inlet	Airflow, CFM	150	215	280	345	410	475	540	605
	Total Pressure	.020	.041	.069	.105	.148	.198	.256	.322
	Noise Criteria	-	14	20	25	30	33	36	39
	Throw	9-13-20	13-17-24	16-20-28	18-22-31	19-24-34	21-26-36	22-27-39	24-29-41
12" Oval Inlet	Airflow, CFM	160	230	300	370	440	510	580	650
	Total Pressure	.018	.037	.063	.095	.135	.181	.234	.294
	Noise Criteria	-	14	21	26	30	34	37	39
	Throw	10-14-21	14-18-25	17-20-29	18-23-32	20-25-35	22-27-38	23-28-40	25-30-42

3 Slot • 60" (1524) Long

8" Round Inlet	Airflow, CFM	160	235	310	385	460	535	610	685
	Total Pressure	.021	.046	.080	.124	.176	.239	.310	.391
	Noise Criteria	-	13	20	25	30	33	37	39
	Throw	9-13-21	13-18-26	17-21-29	19-23-33	21-25-36	22-27-39	24-29-41	25-31-44
10" Oval Inlet	Airflow, CFM	180	260	340	420	500	580	660	740
	Total Pressure	.021	.045	.077	.117	.166	.223	.289	.363
	Noise Criteria	-	14	21	26	30	34	37	40
	Throw	10-14-22	14-19-27	18-22-31	20-24-34	22-26-37	23-28-40	25-30-43	26-32-45
12" Oval Inlet	Airflow, CFM	200	280	360	440	520	600	680	760
	Total Pressure	.021	.042	.069	.103	.144	.192	.247	.308
	Noise Criteria	-	15	21	26	30	33	36	39
	Throw	11-16-24	15-20-28	18-22-32	20-25-35	22-27-38	24-29-41	25-31-43	27-32-46

Performance Notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
2. Total Pressure is in inches w.g..
3. Noise Criteria [NC] values based on 10 dB room absorption, re 10⁻¹² watts.
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between the slots. Look up throw for the airflow in each direction according to the number of slots in that direction.

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6. Dash (–) in space indicates an Noise Criteria level of less than 15.

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PERFORMANCE DATA:

MODEL 5315(I) • 1 1/2" (38) SLOT WIDTH

4 Slot • 24" (610) Long

6" Round Inlet	Airflow, CFM	80	110	140	170	200	230	260	290
	Total Pressure	.012	.023	.038	.056	.077	.102	.131	.163
	Noise Criteria	-	17	23	28	32	35	38	41
	Throw	4-6-13	6-9-17	7-11-20	9-13-22	10-16-24	12-18-25	14-19-27	15-20-28
8" Round Inlet	Airflow, CFM	90	125	160	195	230	265	300	335
	Total Pressure	.011	.022	.036	.054	.075	.100	.128	.159
	Noise Criteria	-	17	23	28	32	36	39	41
	Throw	5-7-14	7-10-19	8-13-21	10-15-23	12-18-25	14-19-27	16-20-29	18-22-30
10" Oval Inlet	Airflow, CFM	100	145	190	235	280	325	370	415
	Total Pressure	.011	.023	.040	.061	.086	.116	.150	.189
	Noise Criteria	-	12	19	24	28	32	35	38
	Throw	5-8-16	8-11-20	10-15-23	12-18-26	15-20-28	17-21-30	18-23-32	20-24-34

4 Slot • 48" (1219) Long

6" Round Inlet	Airflow, CFM	140	210	280	350	420	490	560	630
	Total Pressure	.015	.033	.059	.092	.133	.181	.237	.300
	Noise Criteria	-	12	19	24	29	33	36	39
	Throw	4-8-16	8-12-23	10-16-28	13-19-31	16-23-34	18-26-37	21-28-39	23-30-42
8" Round Inlet	Airflow, CFM	150	230	310	390	470	550	630	710
	Total Pressure	.017	.040	.073	.115	.167	.228	.300	.381
	Noise Criteria	-	12	19	24	29	33	36	39
	Throw	4-8-17	9-13-25	11-17-29	14-22-33	17-26-36	20-28-39	23-30-42	26-31-44
10" Oval Inlet	Airflow, CFM	170	260	350	440	530	620	710	800
	Total Pressure	.018	.041	.075	.118	.171	.234	.307	.390
	Noise Criteria	-	13	20	26	30	34	37	40
	Throw	6-9-19	10-14-27	13-19-31	16-24-35	20-27-38	23-29-41	26-31-44	27-33-47
12" Oval Inlet	Airflow, CFM	200	290	380	470	560	650	740	830
	Total Pressure	.020	.042	.071	.109	.155	.209	.270	.340
	Noise Criteria	-	14	21	26	30	34	37	40
	Throw	7-11-22	11-16-28	14-21-32	17-26-36	21-28-39	24-30-42	26-32-45	28-34-48

4 Slot • 60" (1524) Long

8" Round Inlet	Airflow, CFM	180	280	380	480	580	680	780	880
	Total Pressure	.017	.041	.075	.120	.175	.240	.316	.402
	Noise Criteria	-	12	19	25	30	34	37	40
	Throw	5-9-18	9-14-28	13-19-32	16-24-36	19-28-40	23-31-43	26-33-47	29-35-49
10" Oval Inlet	Airflow, CFM	200	310	420	530	640	750	860	970
	Total Pressure	.018	.043	.079	.126	.183	.252	.331	.421
	Noise Criteria	-	13	20	26	30	34	38	40
	Throw	6-10-20	10-15-29	14-21-34	18-26-38	21-30-42	25-32-46	28-35-49	30-37-52
12" Oval Inlet	Airflow, CFM	220	340	460	580	700	820	940	1060
	Total Pressure	.018	.043	.079	.125	.183	.250	.329	.419
	Noise Criteria	-	14	21	27	31	35	38	41
	Throw	7-11-22	11-17-31	15-23-36	19-28-40	23-31-44	27-34-48	29-36-51	31-38-54

Performance Notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
2. Total Pressure is in inches w.g..
3. Noise Criteria [NC] values based on 10 dB room absorption, re 10⁻¹² watts.
4. Cataloged throws are for a one-way horizontal air pattern. For divided airflow, deduce the airflow in each direction according to the number of slots, with the total airflow apportioned

between the slots. Look up throw for the airflow in each direction according to the number of slots in that direction.

5. Performance data is based upon the standard **5300 Series** Model. The **5300MP** Modified Performance Series reduces the tabulated throw values by approximately 25%. Horizontal spread values are approximately 150% of the horizontal throw (T) projection values.
6. Dash (-) in space indicates an Noise Criteria level of less than 15.

7. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006.