

Performance Data

Model Series 5700 • 1/2" (13) Slot Width

1 Slot • 24" (610) Long • Models 5750(I)

6" Round Inlet	Airflow, CFM	15	25	35	50	60	65	80
	TP	.015	.028	.043	.063	.110	.170	.290
	NC	13	20	27	35	38	41	44
	T	1-3-6	2-4-9	5-7-11	7-9-13	8-10-15	9-11-16	10-12-18

1 Slot • 48" (1219) Long • Models 5750(I)

8" Round Inlet	Airflow, CFM	30	50	70	100	120	130	160
	TP	.019	.030	.048	.081	.125	.195	.310
	NC	13	20	28	35	38	41	44
	T	3-5-10	5-8-12	7-11-15	11-13-18	12-15-21	13-16-22	14-17-24

2 Slot • 24" (610) Long • Models 5750(I)

6" Round Inlet	Airflow, CFM	30	50	70	100	120	130	160
	TP	.026	.040	.069	.121	.178	.299	.385
	NC	13	21	27	35	38	41	43
	T	1-2-5	5-8-13	7-11-16	11-13-19	12-15-21	13-16-22	14-17-24

2 Slot • 48" (1219) Long • Models 5750(I)

8" Round Inlet	Airflow, CFM	60	100	140	200	240	260	320
	TP	.031	.054	.073	.131	.193	.334	.416
	NC	14	20	27	34	39	41	44
	T	1-2-5	7-11-19	10-16-23	15-19-26	17-21-31	18-22-32	19-23-34

3 Slot • 24" (610) Long • Models 5750(I)

6" Round Inlet	Airflow, CFM	45	75	105	150	180	195	240
	TP	.051	.073	.121	.195	.294	.416	.615
	NC	14	20	26	35	39	40	44
	T	4-6-12	6-10-16	9-13-19	13-16-23	15-18-25	15-18-26	16-20-28

3 Slot • 48" (1219) Long • Models 5750(I)

8" Round Inlet	Airflow, CFM	90	150	210	300	360	390	480
	TP	.055	.091	.135	.205	.310	.425	.630
	NC	15	21	27	35	39	41	46
	T	6-9-19	9-15-25	12-20-28	19-25-35	21-27-38	22-28-40	24-32-45

4 Slot • 24" (610) Long • Models 5750(I)

6" Round Inlet	Airflow, CFM	60	100	140	200	240	260	320
	TP	.060	.095	.145	.220	.320	.550	.875
	NC	15	19	27	36	39	42	46
	T	5-7-13	7-11-19	10-16-23	16-20-28	18-22-30	20-23-32	22-25-35

4 Slot • 48" (1219) Long • Models 5750(I)

8" Round Inlet	Airflow, CFM	120	200	280	400	480	520	640
	TP	.065	.099	.161	.240	.380	.610	.910
	NC	14	20	27	35	39	41	47
	T	7-12-23	11-16-28	15-23-33	22-28-40	25-31-42	26-32-45	29-36-50

CFM - cubic feet per minute

TP - total pressure - inches w.g.

T - throw in feet

NC - Noise Criteria (values) based on 10 dB room absorption, re 10⁻¹² watts.

Performance Notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
2. 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.

3. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 – 2006.

Number of Slots	Ak Factor per foot	
	Supply	Return
1	.023	.023
2	.043	.043
3	.067	.067
4	.088	.088