



Performance Data

5300 Series

8" dia. Inlet

Module Size	CFM	100	120	140	160	180	200	220	240	260	280	300
48" X 12"	Duct Pt	0.030	0.043	0.058	0.076	0.096	0.119	0.144	0.172	0.201	0.233	0.268
	NC	-	17	19	22	25	27	29	31	34	35	37
	Throw	0.5 1 2	0.5 1 3	1 1.5 4	1.5 2 4	1.5 2.5 5	2 3.5 5	2.5 4 6	3 4.5 7	3 4.5 7.5	4 5.5 8	4.5 6 9
60" X 12"	Duct Pt	0.028	0.040	0.055	0.072	0.091	.11 2	.1 36	0.161	0.189	0.220	0.252
	NC	-	16	18	21	24	25	28	30	33	34	36
	Throw	0.5 1 2	1 1 3	1 1.5 4	1 2 4	1 2.5 4.5	2 3.5 5	2 4 5.5	3 4 6.5	3 5 7	4 5 8	4 6 8.5
72" X 12"	Duct Pt	0.026	0.037	0.050	0.066	0.083	0.103	0.125	0.148	0.174	0.202	0.232
	NC	-	16	18	21	23	26	27	30	32	33	35
	Throw	0.5 1 2	1 1 3	1 1.5 4	1 2 4	1 2.5 4.5	2 3.5 5	2 4.5 5	3 4 6.5	3 4.5 7	4 5 8	4 6 8.5
24" X 24"	Duct Pt	0.030	0.043	0.058	0.076	0.096	0.119	0.144	0.172	0.201	0.233	0.268
	NC	-	17	19	22	25	27	29	31	34	35	37
	Throw	0.5 1 2	0.5 1 3	1 1.5 4	1.5 2 4	1.5 2.5 5	2 3.5 6	2.5 4 6	3 4.5 7	3 4.5 7.5	4 5.5 8	4.5 6 9
36" X 24"	Duct Pt	0.026	0.037	0.050	0.066	0.083	0.103	.1 25	0.148	.17 4	0.202	0.232
	NC	-	15	18	21	24	26	28	30	33	34	36
	Throw	0 1 1.5	0 1 2	0 1 3	1 2 3.5	1 2 4.5	2 3 5	2 3 5.5	2 3.5 6	2.5 4.5 7	3 5 8	3 5 8
48" X 24"	Duct Pt	0.023	0.034	0.046	0.060	0.075	0.093	0.113	.1 34	0.158	0.183	0.210
	NC	-	-	17	20	23	25	27	30	32	33	35
	Throw	0 0.5 1.5	0.5 1 2	0.5 1 2.5	1 1.5 3	1 2 4	1 2 5	1.5 2.5 5	2 3 6	2 4 6.5	2 4.5 7	3 5 7

10" dia. Inlet

Module Size	CFM	160	180	200	220	240	260	280	300	320	340	360
48" X 24"	Duct Pt	0.022	0.028	0.035	0.042	0.050	0.059	0.069	0.079	0.090	0.113	0.140
	NC	-	15	18	19	22	25	27	29	31	33	35
	Throw	1 1 3	1 2 4	1 2 5	1.5 2.5 5	2 3 6	2 4 6.5	2 4.5 7	3 5 7	3 5 8	4 6 8.5	5 7 9
60" X 24"	Duct Pt	0.021	0.027	0.033	0.040	0.048	0.056	0.065	0.074	0.084	0.107	0.132
	NC	-	-	17	19	22	24	27	29	31	33	35
	Throw	1 1 3	1 2 4	1 2 5	1.5 2.5 5	2 3 6	2 4 6.5	2 4.5 7	3 5 7	3 5 8	4 6 8.5	5 7 9
72" X 24"	Duct Pt	0.021	0.027	0.033	0.036	0.043	0.050	0.058	0.066	0.076	0.096	0.118
	NC	-	-	17	19	22	24	27	29	31	32	34
	Throw	1 1 3	1 1 4	1 2 4.5	1 2 5	1.5 2.5 6	2 3 6	2 4 7	2.5 4 7	3 4.5 7.5	3.5 5 8	4.5 6 9

12" dia. Inlet

Module Size	CFM	230	260	290	315	345	375	400	430	460	490	520
48" X 24"	Duct Pt	0.036	0.046	0.057	0.068	0.081	0.096	0.109	0.126	0.144	0.163	0.184
	NC	15	18	21	22	25	28	30	32	35	38	42
	Throw	1 2 6	1.5 3 6.5	2 4 7	3 5 8	4 5.5 8	4.5 6 8.5	5 7 9.5	5.5 7.5 10	6 8 11	6.5 8.5 11.5	7 9 12
60" X 24"	Duct Pt	0.031	0.040	0.049	0.058	0.070	0.083	0.094	0.108	.1 24	0.141	0.159
	NC	15	18	21	22	25	28	30	32	35	38	42
	Throw	1 2 6	2 3 6	2 4 7	3 5 8	4 5.5 7.5	4.5 6 8.5	5 6.5 9	5.5 7.5 9.5	6 8 10.5	6 8.5 11	6.5 8.5 11.5
72" X 24"	Duct Pt	0.028	0.036	0.045	0.053	0.063	0.075	0.085	0.099	.11 3	0.128	0.144
	NC	14	17	20	21	24	27	29	31	34	37	41
	Throw	1 2 5	1.5 2.5 6	2 4 6.5	3 4.5 7	4 5 7	4 5.5 8	5 6 8.5	5 7 9	5.5 7.5 10	6 8 10.5	6 8 11

Performance Notes:

- Throws are the average vertical distance in feet to terminal velocities of 100, 75 and 50 fpm. Based upon a cooling ΔT of 10°F. 9 ft. ceiling.
- Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 - 1991.