

700	800	900	1000	1200	1400
0.031	0.04	0.05	0.062	0.09	0.122

244	279	314	349	419	489
0.041	0.054	0.068	0.048	0.12	0.164
4 - 6 - 12 .	5 - 7 - 14 .	5 - 8 - 15 .	6 - 9 - 16 .	7 - 11 - 17 .	8 - 12 - 19 .
26	30	33	36	40	45

382	436	491	545	654	763
0.087	0.114	0.144	0.178	0.256	0.348
5- 8 -16 .	6- 9 - 18 .	7- 10 - 19 .	7 - 11 - 20 .	9- 13 - 22 .	10- 16 - 23 .
32	36	39	42	46	50

550	628	707	785	942	1099
0.144	0.188	0.237	0.293	0.422	0.547
6- 9 - 19 .	7- 11 - 21 .	8- 12 - 23 .	9- 13 - 24 .	11- 16 - 26.	12- 19 - 28 .
37	41	44	46	51	55

748	855	962	1069	1283	1497
0.21	0.275	0.348	0.43	0.619	0.842
7- 11 -22 .	8- 12 -25 .	9- 14 -26 .	10- 16 - 28 .	12- 19 -30 .	14- 22 -33 .
41	45	48	51	55	59

LDG, 24x24, 1 SLOT

Neck velocity	400	500	600
velocity pressure, inches WG	0.01	0.016	0.022

8 ROUND NECK	Airflow, cfm	140	175	209
	Total pressure, inches WG	0.013	0.021	0.03
	total feet	2 - 4 - 7 .	3 - 4 - 9 .	4 - 5 - 11 .
	NC (noise criteria)	11	17	22

10 ROUND NECK	Airflow, cfm	218	273	327
	Total pressure, inches WG	0.028	0.044	0.064
	total feet	2- 4 -9 .	4- 6 -11 .	4- 7 -13 .
	NC (noise criteria)	17	23	28

12 ROUND NECK	Airflow, cfm	314	393	471
	Total pressure, inches WG	0.047	0.073	0.106
	total feet	3- 5 - 11 .	4- 7 - 13 .	5- 8 -16 .
	NC (noise criteria)	22	28	33

14 ROUND NECK	Airflow, cfm	428	535	641
	Total pressure, inches WG	0.069	0.107	0.155
	total feet	3- 6 - 12 .	5- 8 - 16 .	6- 9 - 19 .
	NC (noise criteria)	26	32	37

LDG Dimensions

ceiling module A	number of slots	slot Width S	Perf Face D	Nominal Round duct Size B
24x24	1	1"	18 3/4"	8
				10
				12
				14