

V-1

6" Dia.	Airflow, cfm	50	75	87	100	115	125	137	150
	Total Press.	0.07	0.14	0.19	0.25	0.33	0.39	0.47	0.56
	Rad. of Diff.	1-1-1	1-1-2	1-2-2	1-2-3	1-2-3	2-2-4	2-3-4	2-3-5
	NC	—	19	23	27	30	34	37	39
8" Dia.	Airflow, cfm	125	150	175	200	225	250	275	300
	Total Press.	0.12	0.18	0.23	0.3	0.38	0.47	0.55	0.66
	Rad. of Diff.	1-2-3	2-2-4	2-3-4	2-3-5	2-3-6	2-4-6	3-4-7	3-5-8
	NC	20	25	29	32	35	39	42	44
10" Dia.	Airflow, cfm	150	175	200	225	250	275	300	325
	Total Press.	0.15	0.2	0.26	0.33	0.4	0.48	0.56	0.65
	Rad. of Diff.	1-2-3	2-2-4	2-3-4	2-3-5	2-4-6	2-4-6	3-4-7	3-5-8
	NC	21	25	28	32	35	38	40	42
12" Dia.	Airflow, cfm	225	250	275	300	325	350	375	400
	Total Press.	0.18	0.23	0.27	0.32	0.38	0.45	0.5	0.57
	Rad. of Diff.	2-3-4	2-3-5	2-3-6	2-4-6	3-4-7	3-4-7	3-5-8	3-5-8
	NC	26	29	32	35	37	39	41	43
14" Dia.	Airflow, cfm	250	300	350	400	450	500	550	600
	Total Press.	0.11	0.15	0.2	0.26	0.34	0.41	0.5	0.6
	Rad. of Diff.	2-3-5	2-3-6	2-4-7	3-5-8	3-5-9	3-6-10	4-6-11	4-7-12
	NC	23	29	33	27	41	44	47	49
16" Dia.	Airflow, cfm	400	450	500	550	600	650	700	750
	Total Press.	0.18	0.22	0.29	0.35	0.41	0.48	0.56	0.64
	Rad. of Diff.	2-4-7	3-4-7	3-5-8	3-5-9	4-6-10	4-6-11	4-7-12	4-7-13
	NC	30	33	36	39	42	44	46	49
18" Dia.	Airflow, cfm	500	550	600	650	700	750	800	850
	Total Press.	0.22	0.27	0.32	0.37	0.44	0.5	0.57	0.64
	Rad. of Diff.	3-4-8	3-5-9	3-5-9	3-6-10	4-6-11	4-7-12	4-7-13	4-8-14
	NC	31	34	37	39	41	43	45	47

- All pressures are in inches of water
- Radius of diffusion values (feet) are given for terminal velocities of 150, 100 and 50 fpm
- Data obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006. Actual performance, with flexible duct inlet, may vary in the field. See the Engineering Guidelines section of this catalog for additional information.
- NC (noise criteria) values are based on a room absorption of 10 dB, re 10<sup>-12</sup> watts