

Performance Data



1406 Supply Series

Size	Eff. Area (ft ²)	Velocity	200	300	400	500	600	700
		Duct Pt.	0.01	0.02	0.04	0.06	0.09	0.12
6x6	0.25	CFM	30	50	60	80	90	110
		NC	<20	<20	<20	22	28	32
		Throw (ft.)	2 3 7	4 6 11	5 7 12	6 9 14	7 10 15	8 12 17
8x8	0.44	CFM	60	90	130	160	190	220
		NC	<20	<20	<20	25	31	36
		Throw (ft.)	3 5 10	5 7 15	7 11 18	9 13 20	10 15 22	12 17 24
10x8	0.56	CFM	80	120	160	210	250	290
		NC	<20	<20	20	26	32	37
		Throw (ft.)	4 6 11	6 9 17	8 11 20	10 15 23	12 18 25	14 19 27
10x10	0.69	CFM	110	160	210	270	320	370
		NC	<20	<20	21	28	33	38
		Throw (ft.)	5 7 14	7 10 20	9 13 23	11 17 26	13 20 29	15 22 31
12x12	1.00	CFM	160	240	320	400	480	560
		NC	<20	<20	23	29	35	40
		Throw (ft.)	5 8 16	8 12 24	11 16 29	14 20 32	16 24 35	19 27 38
14x14	1.36	CFM	230	340	450	560	680	790
		NC	<20	<20	24	31	36	41
		Throw (ft.)	7 10 20	10 15 29	13 19 34	16 24 38	20 29 42	23 32 45
18x14	1.75	CFM	300	440	590	740	890	1,040
		NC	<20	<20	25	32	38	42
		Throw (ft.)	8 11 23	11 17 33	15 22 39	19 28 44	22 33 48	26 37 52
18x18	2.25	CFM	390	580	780	970	1,170	1,360
		NC	<20	<20	26	33	39	43
		Throw (ft.)	9 13 26	13 19 38	17 26 45	21 32 50	26 38 55	30 42 59
20x20	2.78	CFM	490	730	980	1,220	1,460	1,710
		NC	<20	<20	27	34	40	44
		Throw (ft.)	10 14 29	14 21 43	19 29 50	24 36 56	28 43 62	33 47 67
24x24	4.00	CFM	720	1,080	1,440	1,800	2,160	2,520
		NC	<20	20	29	36	41	46
		Throw (ft.)	12 17 35	17 26 52	23 35 61	29 43 68	35 52 75	41 57 81
32x32	7.11	CFM	1,310	1,970	2,630	3,280	3,940	4,600
		NC	<20	23	32	38	44	49
		Throw (ft.)	16 23 47	23 35 70	31 47 83	39 59 92	47 70 101	55 77 109

Performance Notes:

- 1 Data determined in accordance with ANSI/ASHRAE Standard 70-1991
- 2 NC noise criteria based on room attenuation of 10dB
- 3 Throw - Distance, in feet, to terminal velocities of 150, 100, & 50 fpm, respectively
- 4 Data based on Actual Neck Size = Nominal - 1/4"
- 5 Ps - Static Pressure, inches w.g.