

# Performance Data



## 1401 Supply Series

Size	Eff. Area (ft <sup>2</sup> )	Velocity	400			500			600			700			800			1000			1200		
		Duct Pt.	0.01			0.02			0.03			0.04			0.06			0.09			0.13		
6x6	0.16	CFM	60			80			90			110			130			160			190		
		NC	<20			<20			<20			21			25			32			38		
		Throw (ft.)	6	10	15	9	13	18	10	13	19	12	15	21	13	16	23	14	18	25	16	19	27
		CFM	130			160			190			220			250			320			380		
8x8	0.32	NC	<20			<20			20			24			28			35			41		
		Throw (ft.)	10	15	23	12	18	25	14	19	27	16	21	29	18	22	31	20	25	35	22	27	39
		CFM	160			210			250			290			330			410			490		
		NC	<20			<20			21			25			30			36			42		
10x8	0.41	Throw (ft.)	11	16	25	14	20	29	16	22	31	19	24	34	21	25	36	23	28	40	25	31	44
		CFM	320			400			480			560			640			800			960		
		NC	<20			<20			24			28			32			39			45		
		Throw (ft.)	15	23	35	19	28	40	23	31	43	26	33	47	29	35	50	32	40	56	35	43	61
12x12	0.80	CFM	440			550			660			770			880			1,100			1,320		
		NC	<20			20			25			30			34			41			46		
		Throw (ft.)	18	27	42	22	33	46	27	36	51	31	39	55	34	42	59	38	46	66	42	51	72
		CFM	600			760			910			1,060			1,210			1,510			1,810		
16x12	1.10	NC	<20			21			26			31			35			42			47		
		Throw (ft.)	21	31	48	26	39	55	31	42	60	36	46	64	40	49	69	44	54	77	49	60	84
		CFM	980			1,220			1,460			1,710			1,950			2,440			2,930		
		NC	<20			23			29			33			37			44			50		
16x16	1.51	Throw (ft.)	26	40	62	33	49	69	39	53	76	46	58	82	50	62	87	56	69	98	62	76	107
		CFM	1,200			1,500			1,790			2,090			2,390			2,990			3,590		
		NC	<20			24			29			34			38			45			50		
		Throw (ft.)	29	44	69	37	54	77	44	59	84	51	64	91	56	68	97	63	77	108	68	84	119
24x24	3.59	CFM	1,440			1,800			2,160			2,520			2,880			3,590			4,310		
		NC	<20			25			30			35			39			46			51		
		Throw (ft.)	32	48	75	40	59	84	48	65	92	56	70	99	61	75	106	68	84	119	75	92	130
		CFM	1,690			2,110			2,540			2,960			3,380			4,230			5,070		
28x24	4.23	NC	<20			25			31			36			40			46			52		
		Throw (ft.)	35	52	81	43	64	91	52	71	100	61	76	108	66	81	115	74	91	129	81	100	141
		CFM	2,140			2,670			3,200			3,740			4,270			5,340			5,410		
		NC	20			26			32			37			41			47			53		
30x28	5.34	Throw (ft.)	39	59	92	49	72	102	58	79	112	68	86	121	75	91	129	84	102	145	92	112	159
		CFM	4,170			5,210			6,260			7,300			8,340			10,430			12,510		
		NC	23			29			35			40			44			50			56		
		Throw (ft.)	54	82	128	68	101	143	82	111	157	95	120	169	104	128	181	117	143	202	128	157	221
40x40	10.43	CFM	6,070			7,590			9,110			10,620			12,140			15,180			18,210		
		NC	24			31			37			41			45			52			58		
		Throw (ft.)	66	99	154	82	122	172	99	134	189	115	144	204	126	154	218	141	172	244	154	189	267
		CFM	1,690			2,110			2,540			2,960			3,380			4,230			5,070		

**Performance Notes:**

- 1 Data determined in accordance with ANSI/ASHRAE Standard 70-91
- 2 NC noise criteria based on a room attenuation of 10dB from sound power levels, re: 10-12 watts.
- 3 Throw values shown are in feet, to terminal velocities Vt = 150, 100, & 50fpm, respectively