

# Performance Data



## 1402 Supply Series

Size	Holes	Eff. Area (ft <sup>2</sup> )	Velocity														
			300			600			800			1000			1200		
6x6	2 x 2	0.25	DUCT Ps														
			0.01			0.05			0.1			0.15			0.22		
			CFM														
			30			70			90			110			130		
10x8	3 x 2	0.56	NC														
			<20			<20			25			31			36		
			Throw (ft.)														
			2	4	9	7	11	15	9	12	17	11	14	19	12	15	21
10x10	3 x 3	0.69	CFM														
			50			100			130			170			200		
			NC														
			<20			<20			27			33			38		
12x12	4 x 4	1.00	Throw (ft.)														
			3	6	13	8	13	18	11	15	21	14	17	24	15	18	26
			CFM														
			80			150			200			250			300		
18x14	6 x 4	1.75	NC														
			<20			20			28			34			39		
			Throw (ft.)														
			4	8	16	10	15	23	14	18	26	17	21	29	18	23	32
18x18	6 x 6	2.25	CFM														
			130			270			360			440			530		
			NC														
			<20			23			31			37			42		
24x24	8 x 8	4.00	Throw (ft.)														
			4	10	20	14	21	30	19	25	35	22	27	39	24	30	42
			CFM														
			200			400			530			670			800		
30x30	10 x 10	6.25	NC														
			<20			25			33			39			44		
			Throw (ft.)														
			6	13	25	17	25	37	22	30	42	27	34	48	30	37	52
36x36	12 x 12	9.00	CFM														
			300			600			800			1000			1200		
			NC														
			<20			26			34			40			45		
24x24	8 x 8	4.00	Throw (ft.)														
			7	15	31	21	31	45	28	37	52	34	41	58	37	45	64
			CFM														
			530			1070			1420			1780			2130		
30x30	10 x 10	6.25	NC														
			<20			29			37			43			48		
			Throw (ft.)														
			9	20	41	28	41	60	37	49	69	45	55	78	49	60	85
36x36	12 x 12	9.00	CFM														
			830			1670			2220			2780			3330		
			NC														
			<20			31			39			45			50		
36x36	12 x 12	9.00	Throw (ft.)														
			11	26	51	34	52	75	46	61	87	56	69	97	61	75	106
			CFM														
			1200			2400			3200			4000			4800		
36x36	12 x 12	9.00	NC														
			<20			32			40			46			51		
			Throw (ft.)														
			14	31	62	41	62	90	55	74	104	67	82	116	74	90	127

### 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 For Return use, -Ps = Ps (above), NC = NC (above) +2