

Performance Data



HL Series

		FPM	300	400	500	600	700	800	1000	1200
6"	.195ft/sq	VP	0.006	0.01	0.016	0.022	0.031	0.04	0.062	0.075
		CFM	60	80	100	115	135	155	195	235
		SP	0.1	0.01	0.01	0.02	0.02	0.03	0.04	0.07
		TP	0.106	0.02	0.026	0.042	0.051	0.07	0.102	0.145
		NC	-	-	-	-	-	16	20	25
		Throw	1 2 5	2 3 5	2 4 7	3 5 9	3 5 10	4 5 12	5 9 14	7 12 18
7"	.265ft/sq	FPM	300	400	500	600	700	800	1000	1200
		CFM	80	105	135	160	190	210	265	320
		SP	0.01	0.01	0.01	0.02	0.02	0.06	0.05	0.08
		TP	0.016	0.02	0.026	0.042	0.051	0.1	0.112	0.155
		NC	-	-	-	-	-	18	22	27
		Throw	1 2 5	2 3 6	2 4 8	3 5 10	3 6 10	4 6 12	6 10 15	8 12 19
8"	.35ft/sq	FPM	300	400	500	600	700	800	1000	1200
		CFM	105	135	170	205	240	275	350	410
		SP	0.01	0.01	0.02	0.02	0.03	0.04	0.06	0.1
		TP	0.016	0.02	0.036	0.042	0.061	0.08	0.122	0.175
		NC	-	-	-	-	15	20	24	30
		Throw	1 2 5	2 3 6	2 4 8	3 5 10	3 6 11	4 6 13	6 10 16	8 13 20
9"	.439ft/sq	FPM	300	400	500	600	700	800	1000	1200
		CFM	130	175	220	265	305	350	440	525
		SP	0.01	0.01	0.02	0.02	0.04	0.05	0.08	0.12
		TP	0.016	0.02	0.036	0.042	0.071	0.09	0.142	0.195
		NC	-	-	-	-	16	20	24	31
		Throw	1 2 7	2 4 8	3 5 11	4 7 13	4 8 14	5 8 16	8 12 19	10 16 23
10"	.542ft/sq	FPM	300	400	500	600	700	800	1000	1200
		CFM	165	215	270	325	380	435	540	650
		SP	0.015	0.02	0.03	0.04	0.05	0.08	0.1	0.14
		TP	0.021	0.03	0.046	0.062	0.081	0.12	0.162	0.215
		NC	-	-	-	-	16	21	25	32
		Throw	2 3 8	3 5 11	3 6 14	5 8 16	5 10 17	7 11 19	10 15 22	12 18 26
12"	.77ft/sq	FPM	300	400	500	600	700	800	1000	1200
		CFM	230	310	385	465	540	620	775	925
		SP	0.02	0.03	0.04	0.06	0.09	0.11	0.14	0.18
		TP	0.026	0.04	0.056	0.082	0.121	0.15	0.202	0.255
		NC	-	-	-	-	18	22	26	33
		Throw	2 3 11	3 6 15	4 8 19	6 11 21	7 13 22	9 15 24	13 19 27	16 23 32

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14"	1.06ft/sq	FPM	300			400			500			600			700			800			1000			1200		
		CFM	320			425			530			635			740			850			1060			1270		
		SP	0.03			0.05			0.07			0.09			0.14			0.18			0.21			0.28		
		TP	0.04			0.06			0.09			0.11			0.17			0.22			0.27			0.36		
		NC	-			-			-			20			22			26			29			35		
		Throw	5	7	14	6	10	18	8	12	21	10	14	23	11	16	24	13	18	26	16	21	29	19	26	35
16"	1.38ft/sq	FPM	300			400			500			600			700			800			1000			1200		
		CFM	415			550			690			830			965			1105			1380			1660		
		SP	0.05			0.08			0.11			0.16			0.21			0.26			0.30			0.39		
		TP	0.06			0.09			0.13			0.18			0.24			0.30			0.36			0.47		
		NC	-			-			19			22			26			30			33			36		
		Throw	7	10	17	9	13	20	11	16	22	13	17	24	15	19	26	16	20	28	18	22	31	21	28	38

- 1) Throw values are measured in feet for terminal velocities of 150/100/50 FPM
- 2) Throw data is based on supply air and room air both at isothermal conditions
- 3) Effective core areas listed in the chart are defined as the measurement of space between the blades actually being utilized by the air
- 4) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006