

PERFORMANCE DATA

Imperial

Unit Size (in.)	Inlet Size (in.)	Air Flow (cfm)	Filter	Static Pressure (in. w.g.)	Sound (NC)	Side	Horizontal Throw (ft.) 150-100-50 fpm
24 x 24	10	100	HE	0.17	-	-	1-2-5
		150		0.28	-	-	1-3-6
		200		0.40	-	-	2-4-7
		250		0.52	16	-	3-6-8
		100	HEPA	0.26	-	-	1-2-5
		150		0.44	-	-	1-3-6
		200		0.60	15	-	2-4-7
		250		0.76	21	-	3-6-8
		100	ULPA	0.37	-	-	1-2-5
		150		0.61	-	-	1-3-6
		200		0.84	8	-	2-4-7
		250		1.08	26	-	3-6-8
24 x 48	12	300	HE	0.17	-	A	1-3-1
						B	----1
		400		0.25	-	A	3-6-19
						B	----3
		500	0.34	15	A	4-9-21	
					B	--1-4	
		600	0.43	21	A	6-12-23	
					B	--1-6	
		300	HEPA	0.37	-	A	1-3-12
						B	----1
		400		0.5	-	A	3-6-19
						B	----3
		500	0.64	15	A	4-9-21	
					B	--1-4	
		600	0.76	21	A	6-12-23	
					B	--1-6	
		300	ULPA	0.53	-	A	1-3-12
						B	----15
		400		0.7	-	A	3-6-19
						B	----3
		500	0.9	17	A	4-9-21	
					B	--1-4	
		600	1.08	22	A	6-12-23	
					B	--1-6	

Performance Notes:

- sp = Static Pressure, in. w.g., required at inlet for the listed cfm.
- cfm = Air flow in cubic feet per minute [cfm].
- NC = Noise Criteria. NC values are based on room absorption of 10dB, re 10⁻¹² watts.
- Blanks "-" indicate an NC level below 15.
- Throw values are given in feet to terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum).
- Throw values are based on isothermal conditions. For cooling conditions, see correction factors.
- sp and NC at full open damper position.
- Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."

Throw Correction Factors

For throw at cooling conditions, multiply the listed throw values by the following correction factors:

10 °F cooling differential	0.70
20 °F cooling differential	0.50