

PERFORMANCE DATA

Imperial

Unit Size (in.)	Inlet Size (in.)	Air Flow (CFM)	Filter	Static Pressure (in. w.g.)	Sound (NC)	Vertical Throw (ft.) 100-50 FPM	Horizontal Throw (ft.) 100-50 FPM
24 x 24	8	150	HEPA	0.3	-	2.0-7.5	0.5-2.0
		200		0.4	-	2.0-7.5	0.5-3.0
		250		0.51	-	3.5-7.5	1.5-4.0
		150	ULPA	0.38	-	0.0-7.5	0.0-2.0
		200		0.52	-	3.0-7.5	0.0-3.0
		250		0.64	-	3.0-7.5	1.0-4.0
	10	150	HEPA	0.29	-	0.0-7.5	0.0-1.5
		200		0.39	-	2.5-7.5	0.5-3.0
		250		0.49	-	3.0-7.5	1.5-3.0
		150	ULPA	0.38	-	0.0-7.5	0.0-2.0
		200		0.51	-	2.0-7.5	0.0-3.0
		250		0.64	-	2.5-7.5	2.0-4.0
	12	150	HEPA	0.28	-	0.0-7.5	0.0-1.5
		200		0.38	-	3.0-8.0	0.5-3.0
		250		0.48	-	3.0-8.0	2.0-3.0
		150	ULPA	0.28	-	2.0-7.5	0.0-1.5
		200		0.5	-	3.0-8.0	1.0-3.0
		250		0.63	-	4.0-8.0	1.0-3.5
24 x 48	10	300	HEPA	0.24	-	5.0-7.0	0.5-2.0
		400		0.33	19	3.0-7.0	2.0-3.5
		500		0.43	26	0.5-7.0	1.0-6.0
		600		0.54	32	2.0-7.0	1.0-6.5
		300	ULPA	0.23	-	6.0-8.0	1.0-2.5
		400		0.32	18	4.0-8.0	2.0-3.5
	500	0.41		25	1.0-7.0	1.0-5.5	
	600	0.52		31	3.0-8.0	3.0-7.0	
	12	300	HEPA	0.23	-	5.0-8.0	0.0-1.0
		400		0.32	-	5.0-8.0	1.5-2.5
		500		0.41	16	1.0-8.0	1.0-3.0
		600		0.52	21	1.0-7.0	1.0-5.0
		300	ULPA	0.29	-	5.5-8.0	0.5-1.5
		400		0.4	-	4.0-8.0	0.0-2.0
	500	0.51		15	0.0-8.0	0.5-4.0	
	600	0.63		21	0.0-7.0	2.0-5.5	

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 10.
- Throw values are given in feet to terminal velocities of 100 fpm (minimum) and 50 fpm (maximum).
- Throw values are based on vertical pattern at 10 °F cooling.
- 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."