

## Performance Data

### Semi-Cylindrical Drop Face

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 (600 x 600mm)	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	HEPA	150	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
		ULPA	150	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	HEPA	150	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
ULPA		150	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 (600 x 1200mm)	10	HEPA	300	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	
		ULPA	300	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	
	12	HEPA	600	0.52	31	3.0-8.0	3.0-7.0
			300	0.23	-	5.0-8.0	0.0-1.0
			400	0.32	-	5.0-8.0	1.5-2.5
		ULPA	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	0.29	-	5.5-8.0	0.5-1.5
	12	ULPA	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:

1. sp = Static Pressure, in. w.g., required at inlet for the listed cfm.
2. cfm = Air flow in cubic feet per minute, cfm.
3. NC = Noise Criteria. NC values are based on room absorption of 10dB, re 10<sup>-12</sup> watts.
4. Blanks "-" indicate an NC level below 10.
5. Throw values are given in feet to terminal velocities of 100 fpm (minimum) and 50 fpm (maximum).
6. Throw values are based on vertical pattern at 10 °F cooling.
7. sp and NC at full open damper position.
8. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."

### Flush Face

Unit Size (in.)	Inlet Size (in.)	Air Flow (cfm)	Static Pressure (in. w.g.)	Total Pressure (in. w.g.)	Sound (NC)	Throw (ft.) 100 - 75 - 50 fpm					
						Vertical			Horizontal		
						5 °F	10 °F	15 °F	5 °F	10 °F	15 °F
24 x 24	10	150	0.220	0.225	-	1-2-3	1-3-4	2-4-5	1-1-2	1-2-2	2-2-2
		200	0.320	0.328	-	1-3-5	1-3-5	2-3-5	1-2-3	1-2-3	2-2-2
		300	0.550	0.569	-	2-3-5	3-4-5	4-5-6	3-4-5	3-4-5	3-3-4
24 x 48	12	500	0.485	0.510	22	3-4-6	5-6-7	2-4-8	2-2-2	1-1-2	1-1-2
		600	0.607	0.643	29	3-4-7	3-5-7	4-6-8	2-2-3	2-2-3	2-2-2
		700	0.729	0.778	32	5-6-8	4-6-8	5-6-8	3-3-4	2-3-3	2-2-3

#### Performance Notes:

1. Units are tested in accordance with ASHRAE Standard 70-2006.
2. Air flow is in cubic feet per minute, cfm.
3. All pressures are in in. of water.
4. The NC values, sound pressure level, are based on a room absorption of 10 dB re 10<sup>-12</sup> watts and one diffuser.
5. Blanks "-" indicate an NC value below 20.
6. Performance is based on diffuser with HEPA filter.