

PERFORMANCE DATA

Individual Module

Unit Size	Inlet Size	Air Flow (cfm)	Face Velocity (fpm)	Static Pressure (in. w.g.)	NC
24 in. x 24 in.	10 in. x 3 in.	100	25	0.05	-
		120	30	0.07	19
		140	35	0.10	24
	14 in. x 3 in.	100	25	0.04	-
		120	30	0.06	-
		140	25	0.08	17
24 in. x 48 in.	20 in. x 3 in.	200	25	0.05	-
		240	30	0.06	20
		280	35	0.09	26

Performance Notes:

- All pressure drops are in inches water gauge (in. w.g.)
- cfm = Air flow in cubic feet per minute.
- NC = Noise Criteria. NC values are based on room absorption of 10dB re 10⁻¹² watts.
- Blanks "-" indicate NC level below 15.
- Static pressure and NC performance assumes fully open damper and no filter.
- Tested in accordance with ASHRAE Standard 70.

Array

Configuration	Quantity 24 in. x 24 in. Modules	Quantity 24 in. x 48 in. Modules	Inlet Quantity	Inlet Size	Inlet Velocity (fpm)	Air Flow (cfm)	Face Velocity (fpm)	Static Pressure (in. w.g.)	Static Pressure with HEPA filter (in. w.g.)	NC
A	2	8	2	24 in. x 10 in.	540	1800	25	0.05	0.13	25
					648	2160	30	0.07	0.16	31
					756	2520	35	0.09	0.20	35
B	2	6	2	24 in. x 8 in.	525	1400	25	0.05	0.13	24
					630	1680	30	0.07	0.16	30
					735	1960	35	0.09	0.20	35
C	0	6	1	32 in. x 10 in.	540	1200	25	0.05	0.13	22
					648	1440	30	0.07	0.16	28
					756	1680	35	0.09	0.20	32

Performance Notes:

- Ultrasuite array performance is dependant on array layout. Configurations A,B, and C are sample layouts shown on page 6.
- Recommended inlet velocity is 500-800 fpm.
- All pressure drops are in inches water gauge (in. w.g.).
- cfm = Air flow in cubic feet per minute.
- NC = Noise Criteria. NC values are based on room absorption of 10dB re 10⁻¹² watts.
- Blanks "-" indicate NC level below 15.
- Static pressure and NC are calculated values based on test data with a fully open damper.
- Tested in accordance with ASHRAE Standard 70.