Performance Data

Individual Module

Unit Size (in.)	Inlet Size (in.)	Air Flow (cfm)	Face Velocity (fpm)	Static Pressure (in. w.g.)	Sound (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:

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

Array

Configuration	Quantity 24 in. x 24 in. Modules	Quantity 24 in. x 48 in. Modules	Inlet Quanity	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:

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