

Precision Air Products Low Profile HEPA-VENT Supply Diffuser

Product Performance Data for Model LOW-A (20-40 CFM/ft²)

Table 1: Air Flow Performance Data

AVERAGE VELOCITIES BELOW MODULES @ 5°F D.T.D. ¹						
FACE VELOCITY (CFM/FT ²) ²	DISTANCE BELOW FACE (FT)					
	1	2	3	4	5	6
20	53	72	75	57	32	17
25	57	75	81	64	42	28
30	62	80	86	72	55	37
35	69	85	94	81	62	45
40	73	90	99	87	71	50

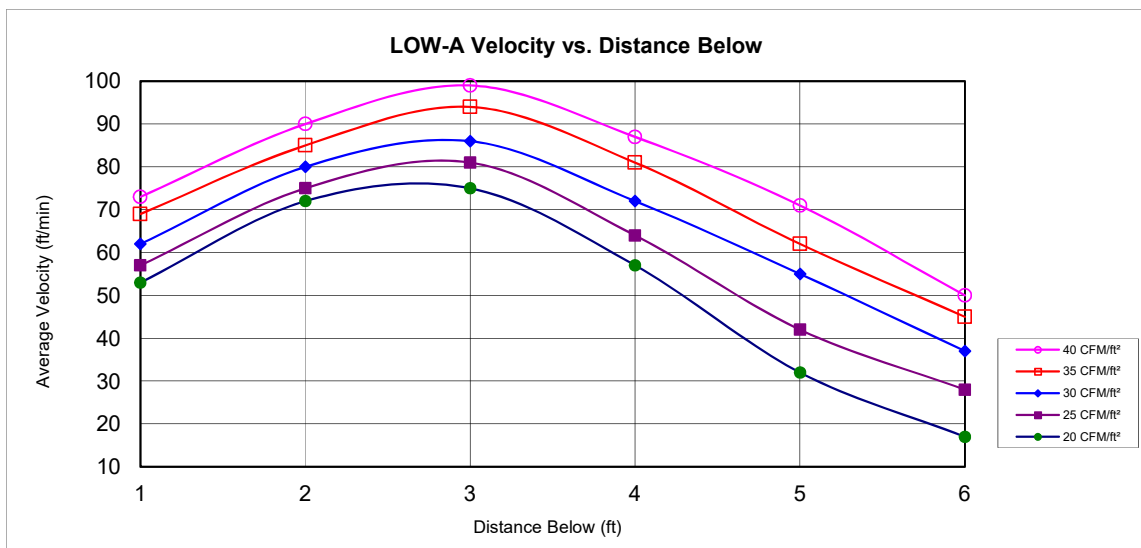


Table 2: Static Pressure & Noise Measurement

CFM/FT ²	STATIC PRESSURE AND SOUND LEVEL	
	DUCT APPLICATION	
	STATIC PRESSURE ³	N.C. LEVEL ^{4,5}
20	0.19	18
25	0.25	23
30	0.30	27
35	0.37	30
40	0.43	33

- 1 = D.T.D. (Design Temperature Differential) is the difference between primary entering air temperature and designed room temperature.
- 2 = Data reflects performance for standard 24"x 48" module with 7 3/4" dia. top inlet with volume adjustment valve in full open position.
- 3 = Static pressure measured in inches of water.
- 4 = The sound generation testing was performed in accordance with ANSI Standard S12.31-1990 "Precision Methods for the Determination of Sound Power Levels of Broad-Band Noise Sources in Reverberation Rooms."
- 5 = N.C. Level reflects a 10 dB room attenuation (industry standard attenuation factor).