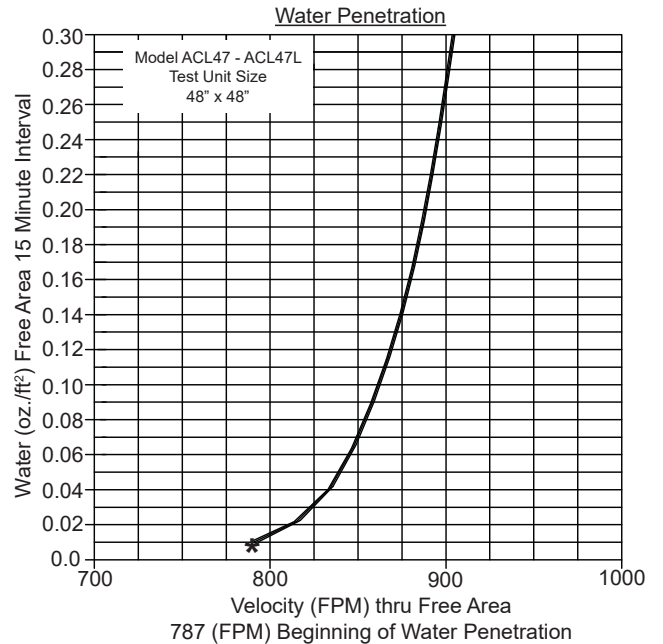
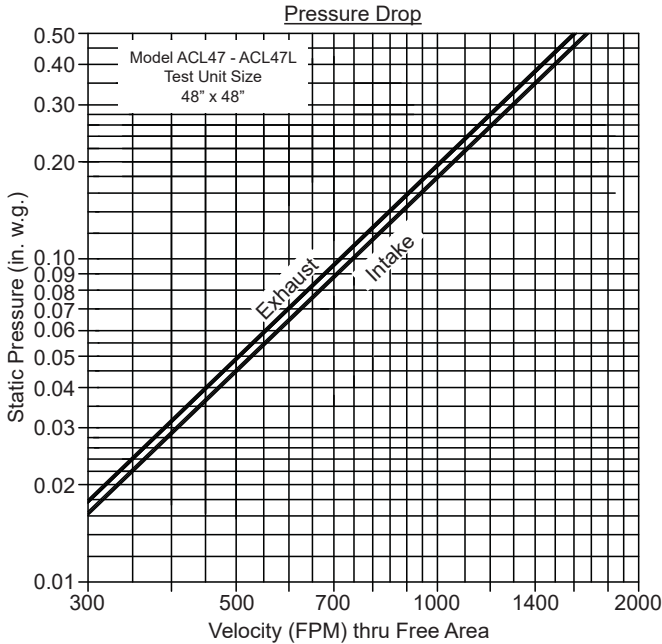


PERFORMANCE DATA

Test of a 48" x 48" sample by an AMCA Registered Laboratory according to AMCA Standard 500 shows low water penetration. Tests show less than .02 oz. per sq.ft. water penetration at 787 fpm (Free Area Velocity) with less than .11 in. w.g. pressure drop (intake) and .12 in. w.g. pressure drop (exhaust). Intake air is converted to standard air density.

An AMCA Registered Laboratory is a laboratory equipped and staffed to conduct tests according to the appropriate AMCA test method and which is licensed as an AMCA Registered Laboratory.

Ratings do not include effects of a screen.



		Free Area (sq.ft)								
		Width (in.)								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height (in.)	24"	.47	.75	1.03	1.32	1.60	1.88	2.16	2.24	2.72
	36"	.68	1.09	1.50	1.91	2.32	2.73	3.13	3.54	3.95
	48"	1.02	1.63	2.24	2.85	3.46	4.07	4.51	5.29	5.91
	60"	1.19	1.91	2.62	3.34	4.05	4.77	5.48	6.20	6.91
	72"	1.53	2.45	3.37	4.29	5.21	6.13	7.05	7.97	8.89
	84"	1.72	2.76	3.79	4.83	5.86	6.90	7.93	8.96	10.00
96"	2.04	3.27	4.50	5.72	6.95	8.16	9.40	10.63	11.85	

The Model ACL47 Acoustical Louver low frequency and high frequency performance data is presented in two separate tables. Review the appropriate table and select the attenuation value for the design noise criteria corrective action required.

Model ACL47L (Low Frequency)

Octave Band	1	2	3	4	5	6	7	8
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Free Field Noise Reduction	12	14	12	12	9	11	13	15

Model ACL47 (High Frequency)

Octave Band	1	2	3	4	5	6	7	8
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Free Field Noise Reduction	8	7	9	10	14	16	16	18