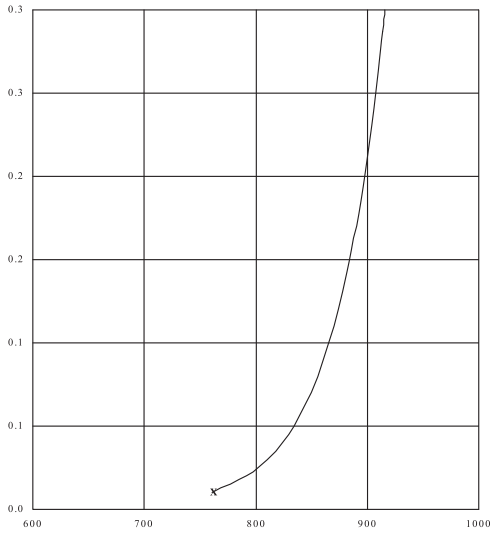


6 ACL

WATER PENETRATION

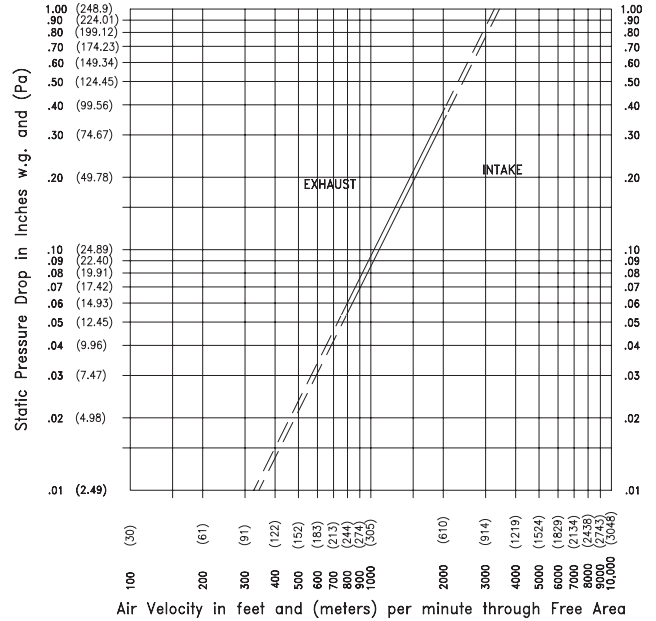
BEGINNING POINT OF WATER PENETRATION AT .01 OZ./SQ. FT. IS 872 FPM (266 M/MIN.)

OZ. WATER/FT²(ML WATER/M²) OF FREE AREA
15 MINUTE TEST PERIOD



FREE AREA VELOCITY IN FEET (METERS) PER MINUTE STANDARD AIR .075 LB/FT (1.2 KG/M) (48" x 48" TEST SIZE)

PRESSURE DROP



FREE AREA GUIDE

FREE AREA GUIDE SHOWS FREE AREA IN FT² AND M² FOR VARIOUS SIZES OF 6 ACL WIDTH - INCHES AND METERS

HEIGHT - INCHES AND METERS

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
	0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.68	1.83	1.98	2.13	2.29	2.44
18	0.26	0.44	0.62	0.79	0.97	1.15	1.32	1.41	1.59	1.76	1.94	2.12	2.29	2.47	2.65
0.46	0.02	0.04	0.06	0.07	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.25
24	0.40	0.66	0.93	1.19	1.46	1.72	1.99	2.12	2.39	2.65	2.92	3.18	3.45	3.71	3.98
0.61	0.04	0.06	0.09	0.11	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.30	0.32	0.35	0.37
30	0.53	0.88	1.24	1.59	1.94	2.29	2.65	2.83	3.18	3.53	3.89	4.24	4.60	4.95	5.30
0.76	0.05	0.08	0.11	0.15	0.18	0.21	0.25	0.26	0.30	0.33	0.36	0.39	0.43	0.46	0.49
36	0.66	1.10	1.55	1.99	2.43	2.87	3.31	3.54	3.98	4.42	4.86	5.30	5.75	6.19	6.63
0.91	0.06	0.10	0.14	0.18	0.23	0.27	0.31	0.33	0.37	0.41	0.45	0.49	0.53	0.58	0.62
42	0.80	1.33	1.86	2.39	2.92	3.45	3.98	4.24	4.77	5.30	5.83	6.36	6.89	7.42	7.95
1.07	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.40	0.44	0.49	0.54	0.59	0.64	0.69	0.74
48	0.93	1.55	2.17	2.78	3.40	4.02	4.64	4.95	5.57	6.19	6.81	7.43	8.05	8.66	9.28
1.22	0.09	0.14	0.20	0.26	0.32	0.37	0.43	0.46	0.52	0.58	0.63	0.69	0.75	0.81	0.86
54	1.06	1.77	2.48	3.18	3.89	4.60	5.30	5.66	6.37	7.07	7.78	8.49	9.20	9.90	10.61
1.37	0.10	0.16	0.23	0.30	0.36	0.43	0.49	0.53	0.59	0.66	0.72	0.79	0.86	0.92	0.99
60	1.19	1.99	2.79	3.58	4.38	5.18	5.97	6.36	7.16	7.95	8.75	9.54	10.34	11.13	11.93
1.52	0.11	0.19	0.26	0.33	0.41	0.48	0.56	0.59	0.67	0.74	0.81	0.89	0.96	1.04	1.11
66	1.33	2.21	3.09	3.98	4.86	5.75	6.63	7.07	7.96	8.84	9.73	10.61	11.50	12.38	13.26
1.68	0.12	0.21	0.29	0.37	0.45	0.53	0.62	0.66	0.74	0.82	0.90	0.99	1.07	1.15	1.23
72	1.46	2.43	3.40	4.37	5.35	6.32	7.29	7.78	8.75	9.72	10.69	11.67	12.64	13.61	14.58
1.83	0.14	0.23	0.32	0.41	0.50	0.59	0.68	0.72	0.81	0.90	0.99	1.08	1.18	1.27	1.36
78	1.59	2.65	3.71	4.77	5.83	6.89	7.95	8.48	9.54	10.61	11.67	12.73	13.79	14.85	15.91
1.98	0.15	0.25	0.35	0.44	0.54	0.64	0.74	0.79	0.89	0.99	1.08	1.18	1.28	1.38	1.48
84	1.72	2.87	4.02	5.17	6.32	7.47	8.62	9.19	10.34	11.49	12.64	13.79	14.93	16.08	17.23
2.13	0.16	0.27	0.37	0.48	0.59	0.69	0.80	0.85	0.96	1.07	1.18	1.28	1.39	1.50	1.60
90	1.86	3.09	4.33	5.57	6.81	8.04	9.28	9.90	11.14	12.37	13.61	14.85	16.09	17.32	18.56
2.29	0.17	0.29	0.40	0.52	0.63	0.75	0.86	0.92	1.04	1.15	1.27	1.38	1.50	1.61	1.73
96	1.99	3.31	4.64	5.96	7.29	8.61	9.94	10.60	11.93	13.26	14.58	15.91	17.23	18.56	19.88
2.44	0.18	0.31	0.43	0.55	0.68	0.80	0.92	0.99	1.11	1.23	1.36	1.48	1.60	1.73	1.85

Octave Band Frequency (Hz)	Free Field Noise Reduction (db) Ruskatherm Blanket
1/63	10
2/125	11
3/250	9
4/500	13
5/1000	19
6/2000	20
7/4000	19
8/8000	18

To calculate Transmission Loss (db), subtract 6 db from Free Field Noise Reduction (db).

ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITH OUT NOTICE OR OBLIGATION.