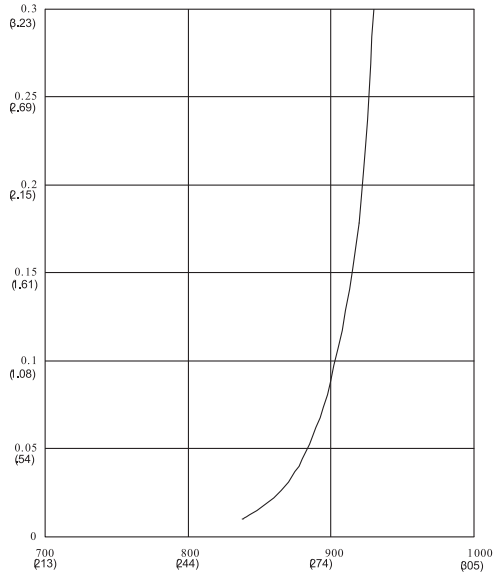


8 ACL

WATER PENETRATION

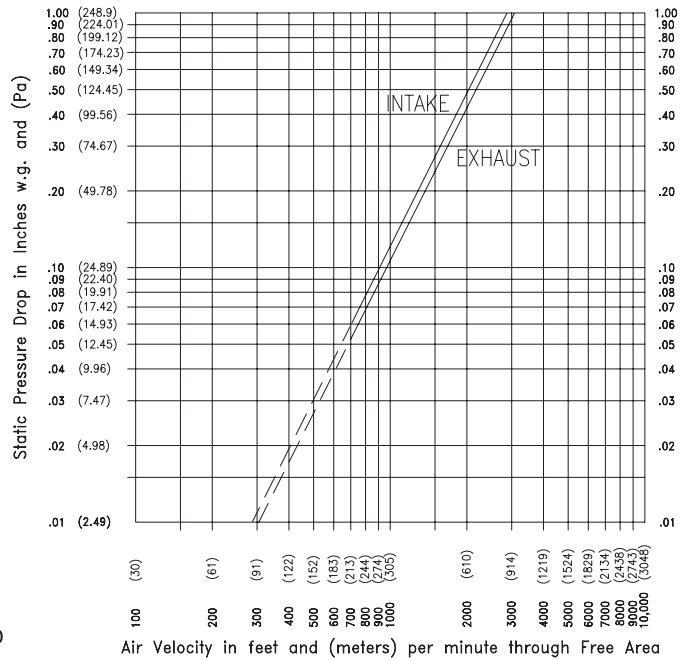
BEGINNING POINT OF WATER PENETRATION AT .01 OZ./SQ. FT.
IS 838 FPM (255 M/MIN.)

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 FT AND M FOR VARIOUS SIZES OF 8 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	0.24	0.40	0.56	0.72	0.88	1.04	1.20	1.36	1.52	1.68	1.84	2.00	2.16	2.32	2.48
0.46	0.02	0.04	0.05	0.07	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23
24	0.34	0.57	0.80	1.03	1.26	1.49	1.72	1.95	2.18	2.41	2.64	2.87	3.10	3.33	3.56
0.61	0.03	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.29	0.31	0.33
30	0.45	0.75	1.05	1.35	1.65	1.95	2.25	2.55	2.85	3.14	3.44	3.74	4.04	4.34	4.64
0.76	0.04	0.07	0.10	0.13	0.15	0.18	0.21	0.24	0.26	0.29	0.32	0.35	0.38	0.40	0.43
36	0.55	0.92	1.29	1.66	2.03	2.40	2.77	3.14	3.51	3.88	4.24	4.61	4.98	5.35	5.72
0.91	0.05	0.09	0.12	0.15	0.19	0.22	0.26	0.29	0.33	0.36	0.39	0.43	0.46	0.50	0.53
42	0.76	1.26	1.76	2.27	2.77	3.28	3.78	4.28	4.79	5.29	5.80	6.30	6.80	7.31	7.81
1.07	0.07	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.45	0.49	0.54	0.59	0.63	0.68	0.73
48	0.86	1.43	2.01	2.58	3.16	3.73	4.30	4.88	5.45	6.02	6.60	7.17	7.74	8.32	8.89
1.22	0.08	0.13	0.19	0.24	0.29	0.35	0.40	0.45	0.51	0.56	0.61	0.67	0.72	0.77	0.83
54	0.96	1.61	2.25	2.89	3.54	4.18	4.82	5.47	6.11	6.75	7.40	8.04	8.68	9.33	9.97
1.37	0.09	0.15	0.21	0.27	0.33	0.39	0.45	0.51	0.57	0.63	0.69	0.75	0.81	0.87	0.93
60	1.07	1.78	2.49	3.21	3.92	4.63	5.35	6.06	6.77	7.48	8.20	8.91	9.62	10.34	11.05
1.52	0.10	0.17	0.23	0.30	0.36	0.43	0.50	0.56	0.63	0.70	0.76	0.83	0.89	0.96	1.03
66	1.27	2.12	2.97	3.82	4.66	5.51	6.36	7.21	8.05	8.90	9.75	10.60	11.45	12.29	13.14
1.68	0.12	0.20	0.28	0.35	0.43	0.51	0.59	0.67	0.75	0.83	0.91	0.99	1.06	1.14	1.22
72	1.38	2.29	3.21	4.13	5.05	5.96	6.88	7.80	8.72	9.63	10.55	11.47	12.38	13.30	14.22
1.83	0.13	0.21	0.30	0.38	0.47	0.55	0.64	0.73	0.81	0.90	0.98	1.07	1.15	1.24	1.32
78	1.48	2.47	3.45	4.44	5.43	6.42	7.40	8.39	9.38	10.36	11.35	12.34	13.32	14.31	15.30
1.98	0.14	0.23	0.32	0.41	0.50	0.60	0.69	0.78	0.87	0.96	1.06	1.15	1.24	1.33	1.42
84	1.58	2.64	3.70	4.75	5.81	6.87	7.92	8.98	10.04	11.09	12.15	13.21	14.26	15.32	16.38
2.13	0.15	0.25	0.34	0.44	0.54	0.64	0.74	0.84	0.93	1.03	1.13	1.23	1.33	1.42	1.52
90	1.79	2.98	4.17	5.36	6.55	7.75	8.94	10.13	11.32	12.51	13.70	14.89	16.09	17.28	18.47
2.29	0.17	0.28	0.39	0.50	0.61	0.72	0.83	0.94	1.05	1.16	1.27	1.39	1.50	1.61	1.72
96	1.89	3.15	4.41	5.68	6.94	8.20	9.46	10.72	11.98	13.24	14.50	15.76	17.03	18.29	19.55
2.44	0.18	0.29	0.41	0.53	0.65	0.76	0.88	1.00	1.11	1.23	1.35	1.47	1.58	1.70	1.82

Octave Band Frequency (Hz)	Free Field Noise Reduction (db) Ruskatherm Blanket
2/125	17
3/250	12
4/500	16
5/1000	22
6/2000	23
7/4000	21
8/8000	21

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.