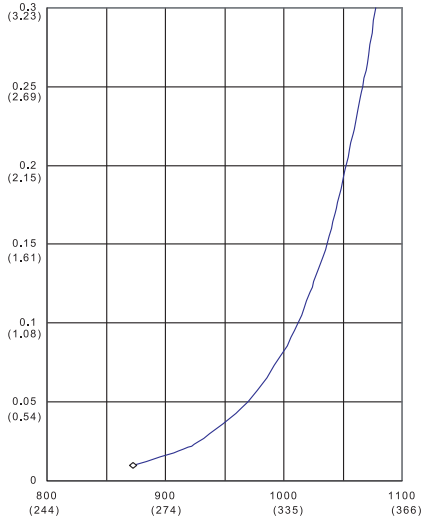


445 DL

WATER PENETRATION

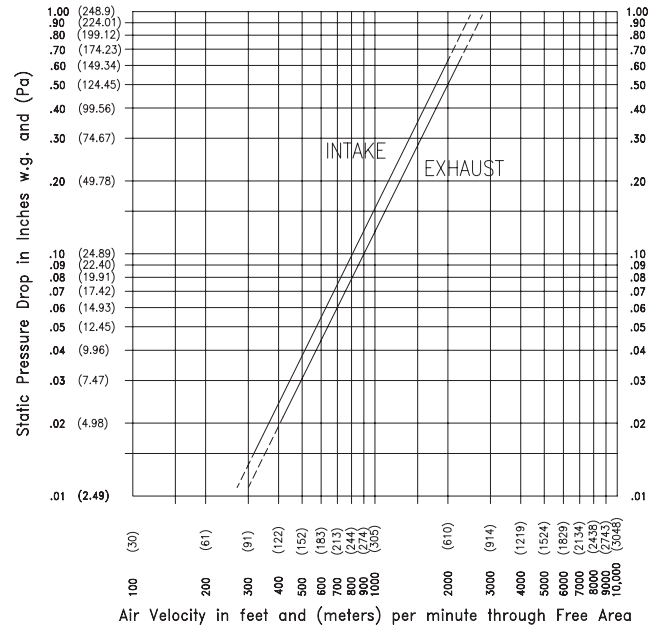
BEGINING POINT OF WATER PENETRATION AT .01 OZ./SQ. FT.
IS 873 FPM (266 M/MIN.)

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/FT³ (1.2 KG/M³) (48" x 48" TEST SIZE)

PRESSURE DROP



FREE AREA GUIDE

FREE AREA GUIDE SHOWS FREE AREA IN FT² AND M² FOR VARIOUS SIZES OF 445 DL
WIDTH - INCHES AND METERS

HEIGHT - INCHES AND METERS

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	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	2.59	2.74	2.90	3.05
12	0.26	0.41	0.56	0.71	0.87	1.02	1.17	1.33	1.48	1.63	1.79	1.94	2.09	2.24	2.40	2.55	2.70	2.86	3.01
0.30	0.02	0.04	0.05	0.07	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28
18	0.61	0.97	1.33	1.70	2.06	2.43	2.79	3.15	3.52	3.88	4.25	4.61	4.97	5.34	5.70	6.06	6.43	6.79	7.16
0.46	0.06	0.09	0.12	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.40	0.43	0.46	0.50	0.53	0.56	0.60	0.63	0.67
24	0.87	1.40	1.92	2.45	2.97	3.50	4.02	4.55	5.07	5.60	6.12	6.65	7.17	7.70	8.22	8.75	9.27	9.80	10.32
0.61	0.08	0.13	0.18	0.23	0.28	0.33	0.37	0.42	0.47	0.52	0.57	0.62	0.67	0.72	0.76	0.81	0.86	0.91	0.96
30	1.14	1.83	2.51	3.20	3.89	4.57	5.26	5.94	6.63	7.32	8.00	8.69	9.37	10.06	10.74	11.43	12.12	12.82	13.49
0.76	0.11	0.17	0.23	0.30	0.36	0.43	0.49	0.55	0.62	0.68	0.74	0.81	0.87	0.94	1.00	1.06	1.13	1.19	1.25
36	1.33	2.13	2.92	3.72	4.52	5.31	6.11	6.91	7.70	8.50	9.30	10.09	10.89	11.69	12.49	13.28	14.08	14.87	15.67
0.91	0.12	0.20	0.27	0.35	0.42	0.49	0.57	0.64	0.72	0.79	0.86	0.94	1.01	1.09	1.16	1.23	1.31	1.38	1.46
42	1.60	2.55	3.51	4.47	5.43	6.39	7.34	8.30	9.26	10.22	11.18	12.13	13.09	14.05	15.01	15.96	16.92	17.88	18.84
1.07	0.15	0.24	0.33	0.42	0.50	0.59	0.68	0.77	0.86	0.95	1.04	1.13	1.22	1.31	1.40	1.48	1.57	1.66	1.75
48	1.86	2.98	4.10	5.22	6.34	7.46	8.58	9.70	10.82	11.93	13.05	14.17	15.29	16.41	17.53	18.65	19.77	20.89	22.00
1.22	0.17	0.28	0.38	0.49	0.59	0.69	0.80	0.90	1.01	1.11	1.21	1.32	1.42	1.53	1.63	1.73	1.84	1.94	2.04
54	2.13	3.41	4.69	5.97	7.25	8.53	9.81	11.09	12.37	13.65	14.93	16.21	17.49	18.77	20.05	21.33	22.61	23.89	25.17
1.37	0.20	0.32	0.44	0.56	0.67	0.79	0.91	1.03	1.15	1.27	1.39	1.51	1.63	1.75	1.86	1.98	2.10	2.22	2.34
60	2.40	3.84	5.28	6.72	8.16	9.61	11.04	12.49	13.93	15.37	16.81	18.25	19.69	21.13	22.58	24.02	25.45	26.90	28.34
1.52	0.22	0.36	0.49	0.62	0.76	0.89	1.03	1.16	1.30	1.43	1.56	1.70	1.83	1.97	2.10	2.23	2.37	2.50	2.64
66	2.59	4.14	5.69	7.24	8.79	10.35	11.90	13.44	15.00	16.55	18.11	19.66	21.21	22.75	24.31	25.86	27.42	28.97	30.52
1.68	0.24	0.39	0.53	0.67	0.82	0.96	1.11	1.25	1.40	1.54	1.68	1.83	1.97	2.12	2.26	2.40	2.55	2.69	2.84
72	2.85	4.57	6.28	7.99	9.71	11.42	13.13	14.84	16.56	18.27	19.98	21.70	23.41	25.12	26.83	28.55	30.26	31.97	33.69
1.83	0.27	0.43	0.58	0.74	0.90	1.06	1.22	1.38	1.54	1.70	1.86	2.02	2.18	2.34	2.50	2.66	2.81	2.97	3.13
78	3.12	5.00	6.87	8.74	10.62	12.49	14.37	16.24	18.11	19.99	21.86	23.74	25.61	27.48	29.36	31.23	33.10	34.98	36.85
1.98	0.29	0.47	0.64	0.81	0.99	1.16	1.34	1.51	1.68	1.86	2.03	2.21	2.38	2.56	2.73	2.90	3.08	3.25	3.43
84	3.39	5.43	7.46	9.50	11.53	13.57	15.60	17.63	19.67	21.70	23.74	25.77	27.81	29.84	31.88	33.91	35.95	37.98	40.02
2.13	0.32	0.50	0.69	0.88	1.07	1.26	1.45	1.64	1.83	2.02	2.21	2.40	2.59	2.78	2.97	3.15	3.34	3.53	3.72
90	3.66	5.86	8.05	10.25	12.44	14.64	16.83	19.03	21.23	23.42	25.62	27.81	30.01	32.20	34.40	36.60	38.79	40.99	43.18
2.29	0.34	0.54	0.75	0.95	1.16	1.36	1.57	1.77	1.97	2.18	2.38	2.59	2.79	2.99	3.20	3.40	3.61	3.81	4.02