

PERFORMANCE DATA MODEL S-4770A

FREE AREA TABLE

FREE AREAS IN SQ. FEET AND SQ. METERS

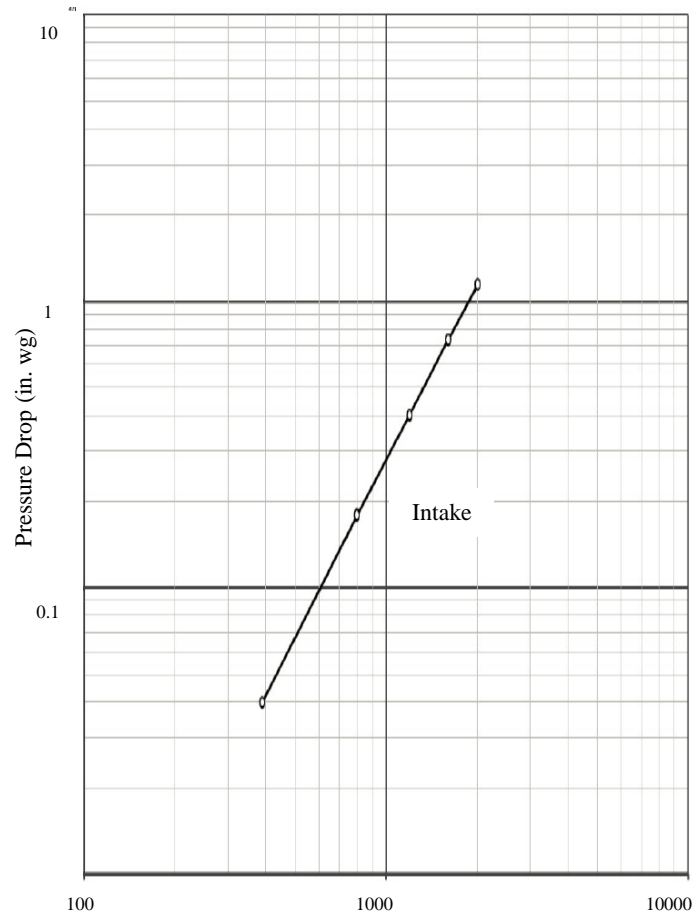
Height in Inches and Meters

	18	24	30	36	42	48	54	60	66	72	78	84	90	96	
	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	0.48	0.67	0.86	1.04	1.24	1.43	1.61	1.80	2.00	2.18	2.37	2.55	2.75	2.94	
	0.46	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.27
24	0.70	0.96	1.23	1.50	1.78	2.05	2.32	2.59	2.87	3.14	3.41	3.67	3.96	4.23	
	0.61	0.06	0.09	0.11	0.14	0.17	0.19	0.22	0.24	0.27	0.29	0.32	0.34	0.37	0.39
30	0.91	1.26	1.60	1.95	2.33	2.67	3.02	3.37	3.74	4.09	4.44	4.79	5.16	5.51	
	0.76	0.08	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.51
36	1.12	1.55	1.98	2.41	2.87	3.30	3.73	4.16	4.62	5.05	5.48	5.91	6.36	6.79	
	0.91	0.10	0.14	0.18	0.22	0.27	0.31	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.63
42	1.33	1.85	2.36	2.87	3.42	3.93	4.44	4.96	5.50	6.02	6.53	7.04	7.59	8.10	
	1.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.51	0.56	0.61	0.65	0.71	0.75
48	1.55	2.14	2.74	3.33	3.97	4.56	5.16	5.75	6.39	6.99	7.58	8.18	8.81	9.41	
	1.22	0.14	0.20	0.25	0.31	0.37	0.42	0.48	0.53	0.59	0.65	0.70	0.76	0.82	0.87
54	1.76	2.44	3.11	3.79	4.51	5.19	5.87	6.54	7.27	7.94	8.62	9.30	10.02	10.69	
	1.37	0.16	0.23	0.29	0.35	0.42	0.48	0.55	0.61	0.67	0.74	0.80	0.86	0.93	0.99
60	1.97	2.73	3.49	4.25	5.06	5.82	6.58	7.34	8.15	8.91	9.67	10.42	11.23	11.99	
	1.52	0.18	0.25	0.32	0.39	0.47	0.54	0.61	0.68	0.76	0.83	0.90	0.97	1.04	1.11
66	2.19	3.03	3.87	4.71	5.61	6.45	7.29	8.13	9.03	9.87	10.71	11.55	12.45	13.29	
	1.68	0.20	0.28	0.36	0.44	0.52	0.60	0.68	0.76	0.84	0.92	0.99	1.07	1.16	1.23
72	2.40	3.32	4.25	5.17	6.15	7.08	8.00	8.92	9.91	10.83	11.75	12.68	13.66	14.58	
	1.83	0.22	0.31	0.39	0.48	0.57	0.66	0.74	0.83	0.92	1.01	1.09	1.18	1.27	1.35
78	2.61	3.62	4.62	5.63	6.70	7.71	8.71	9.71	10.79	11.79	12.80	13.80	14.87	15.88	
	1.98	0.24	0.34	0.43	0.52	0.62	0.72	0.81	0.90	1.00	1.10	1.19	1.28	1.38	1.48
84	2.83	3.91	5.00	6.09	7.25	8.33	9.42	10.51	11.67	12.75	13.84	14.93	16.09	17.17	
	2.13	0.26	0.36	0.46	0.57	0.67	0.77	0.88	0.98	1.08	1.18	1.29	1.39	1.49	1.60
90	3.04	4.21	5.38	6.55	7.79	8.96	10.13	11.30	12.55	13.72	14.89	16.05	17.30	18.47	
	2.29	0.28	0.39	0.50	0.61	0.72	0.83	0.94	1.05	1.17	1.27	1.38	1.49	1.61	1.72
96	3.25	4.50	5.76	7.01	8.34	9.59	10.84	12.09	13.43	14.68	15.93	17.18	18.52	19.77	
	2.44	0.30	0.42	0.53	0.65	0.77	0.89	1.01	1.12	1.25	1.36	1.48	1.60	1.72	1.84

Width in Inches and Meters

Air Performance

Unit test size (48" x 48")
Airflow rate at standard air density
and the AMCA figure 5.5



Air Velocity through Free Area (fpm)
Data corrected to standard air density
-o-Test Pressure Drop



Construction Specialties "

**C/S Construction Specialties
Middle East LLC**

Building 10, Office 305 & 306,
Bay Square,
Business Bay, Burj Khalifa District
P.O. Box 9260, Dubai, U.A.E.
Tel : +971 (0) 45757015
Email : sales-csme@c-sgroup.com
Website: www.c-sgroup.com

Upper Numerals English Units/Lower Numerals Metric Units

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