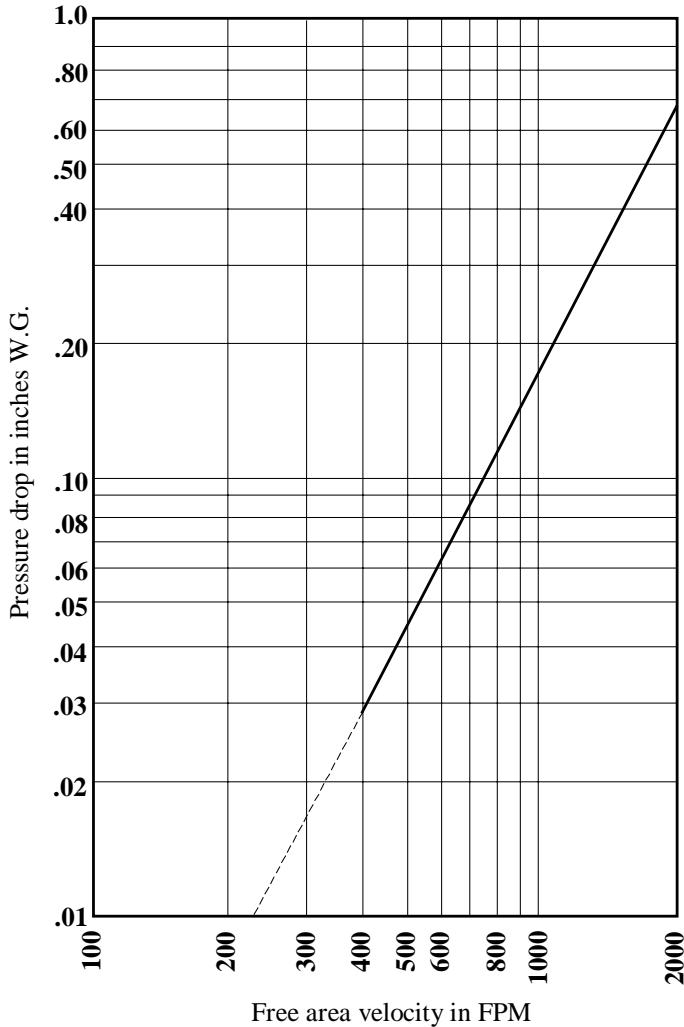


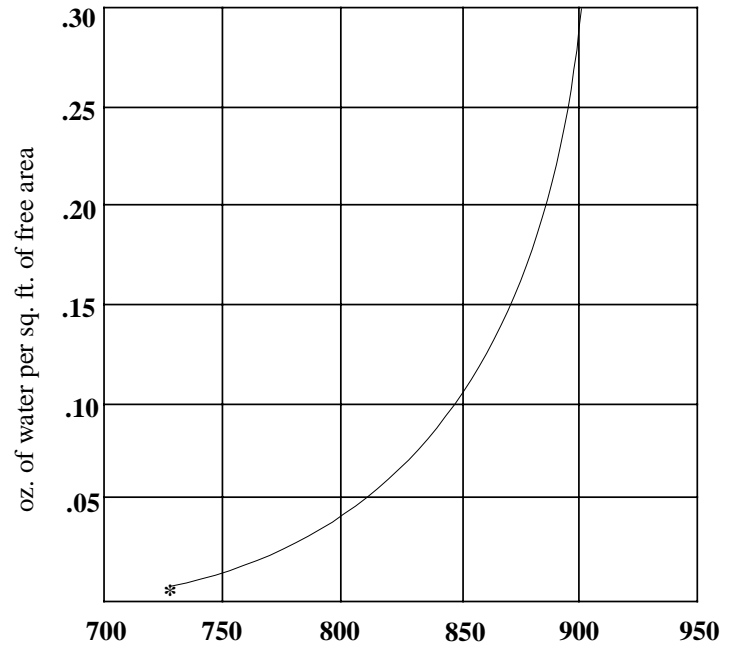


# Model MFA-16 Performance Data

**Air Performance**



**Water Penetration**

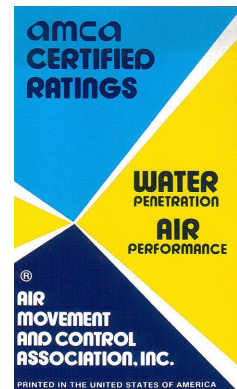


The beginning of water penetration is 732 FPM  
(15 min. duration)

Test unit size 48" x 48"  
Graphs are corrected to standard air density .075 lbs. per cubic feet.  
Ratings do not include the effects of a bird screen.

**Free Area Chart - Sq. Ft.**

	96	3.50	5.71	7.92	10.13	12.34	14.55	16.75	18.96	21.17	23.38	25.59
	90	3.23	5.28	7.32	9.36	11.41	13.45	15.49	17.53	19.58	21.62	23.66
	84	2.97	4.85	6.72	8.60	10.47	12.35	14.23	16.10	17.98	19.85	21.73
	78	2.79	4.55	6.31	8.07	9.83	11.59	13.35	15.11	16.87	18.63	20.39
	72	2.57	4.20	5.83	7.45	9.08	10.70	12.33	13.96	15.58	17.21	18.83
	66	2.31	3.77	5.23	6.69	8.15	9.61	11.07	12.53	13.99	15.45	16.90
	60	2.06	3.36	4.67	5.97	7.27	8.57	9.87	11.18	12.48	13.78	15.08
	54	1.88	3.07	4.26	5.44	6.63	7.82	9.00	10.19	11.38	12.57	13.76
	48	1.65	2.69	3.74	4.78	5.82	6.86	7.91	8.95	9.99	11.04	12.08
	42	1.39	2.26	3.14	4.02	4.89	5.77	6.64	7.52	8.40	9.27	10.15
	36	1.15	1.88	2.61	3.34	4.07	4.80	5.53	6.26	6.99	7.72	8.45
	30	.97	1.59	2.20	2.82	3.43	4.05	4.66	5.28	5.89	6.50	7.12
	24	.73	1.19	1.65	2.11	2.56	3.02	3.48	3.94	4.40	4.86	5.32
	18	.46	.76	1.05	1.34	1.63	1.93	2.22	2.51	2.81	3.10	3.39
	12	.25	.40	.56	.72	.87	1.03	1.18	1.34	1.50	1.65	1.81
		12	18	24	30	36	42	48	54	60	66	72



Metal Form certifies that the Model MFA-16 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedure performed in accordance with AMCA Publication 511 and comply with the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings.