Air Distribution Products

PERFORMANCE DATA

MODEL: APMFS

PERFORATED MOLDED FIBERGLASS BACK DIFFUSER

T-BAR, ROUND NECK (FIELD CUT)

NOMINAL NECK SIZE	NECK VELOCITY, FPM / PV	200 .002	300 .006	400 .010	500 .016	600 .022	700 .030	800 .040	900 .050	1000 .062
5"	CFM	25	40	55	70	80	95	110	120	138
	PT	.003	.008	.016	.025	.033	.045	.060	.076	.094
	THROW	1-1-1	1-1-1	1-1-1	1-1-3	1-1-4	1-1-4	1-1-5	1-2-6	1-3-6
	NC	-	-	-	-	-	-	21	24	27
6"	CFM	40	60	80	100	115	135	155	175	196
	PT	.004	.009	.016	.027	.035	.049	.066	.078	.105
	THROW	1-1-1	1-1-1	1-1-4	1-2-4	1-2-5	1-3-6	2-3-7	2-3-8	2-4-10
	NC	-	-	-	-	22	26	30	35	38
7"	CFM	50	80	105	135	160	185	210	240	265
	PT	.005	.013	.026	.036	.050	.068	.088	.115	.140
	THROW	1-1-1	1-1-3	1-1-4	1-2-4	1-2-5	1-3-6	2-3-7	2-3-8	2-4-10
	NC	-	-	-	20	23	26	30	34	37
8"	CFM	70	105	140	175	210	245	280	315	350
	PT	.006	.013	.026	.037	.054	.073	.096	.121	.150
	THROW	1-1-2	1-1-3	1-2-5	2-2-5	2-3-6	2-3-8	2-4-10	3-5-11	3-6-12
	NC	-	-	-	20	23	26	30	34	38
9"	CFM	90	130	175	220	265	310	350	395	440
	PT	.007	.014	.026	.042	.060	.083	.105	.134	.166
	THROW	1-1-2	1-1-3	1-2-5	2-2-5	2-3-6	2-3-8	2-4-10	3-5-11	3-6-13
	NC	-	-	-	22	26	30	34	38	41
10"	CFM	110	160	215	270	325	380	435	490	545
	PT	.008	.018	.033	.052	.075	.111	.135	.171	.212
	THROW	1-2-3	1-2-4	1-2-5	2-3-6	2-3-7	3-4-8	3-4-10	3-5-12	4-7-14
	NC	-	-	20	23	26	29	34	38	41
12"	CFM	155	235	315	390	470	550	630	705	785
	PT	.009	.021	.039	.059	.086	.118	.155	.194	.240
	THROW	1-2-4	1-2-5	1-2-7	2-3-9	2-5-11	3-6-13	4-7-14	6-9-18	7-11-21
	NC	-	20	24	27	30	34	38	42	45
14"	CFM	210	320	425	535	640	750	855	960	1070
	PT	.010	.022	.039	.063	.091	.124	.162	.210	.253
	THROW	1-2-6	1-3-9	2-5-11	3-6-13	4-8-16	5-9-18	7-11-23	9-13-27	10-16-32
	NC	-	20	24	28	32	36	40	45	48
16"	CFM	245	370	490	610	735	860	980	1105	1125
	PT	.015	.034	.060	.093	.135	.185	.240	.305	.375
	THROW	1-3-9	2-5-11	3-6-13	4-8-16	5-10-18	7-11-23	9-13-27	10-16-32	11-16-33
	NC	-	23	28	33	38	43	48	53	55

FORMERLY MODEL 4W-MA

CFM	Cubic feet per minute
FPM	Feet per minute velocity
TP	Total pressure - inches w.g.
VP	Velocity pressure - inches w.g.
T	Throw in feet
NC	Noise criteria (values) based on 10 dB room absorption, re 10 (to 12th power) watts.

Performance notes:

1. Data derived from tests conducted in accordance with ISO Standard 5219, ISO Standard 3741 and ADC Test Code 1062 GRD84.