

1010MAS Perforated Supply Diffuser

NECK SIZE	NECK VELOCITY	200	300	400	500	600	700	800	900	1000
6"	VP	0.002	.006	.010	.016	.023	.031	.040	.051	.062
	CFM	40	60	80	95	115	135	155	175	198
	PT	.004	.009	.016	.027	.035	.049	.066	.078	.105
	THROW NC	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
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
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	25	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	9-23-27	10-16-32	11-16-33
	NC		23	28	33	38	43	48	53	55

Performance notes:

1. All pressures are in inches of water.
2. The NC values, sound pressure level, are base on a room absorption of 10dB re 10-12 watts.
3. Radii of diffusion are given in feet to terminal velocities of 150 fpm (min.), 100 fpm (middle) and 50 fpm (max.).
4. Throw data based on supply air and room air being at isothermal conditions.
5. Air flow is in cubic feet per minute, cfm.