

**A1001MS/A1001OB**

**One-Way Diffuser**

Face Velocity	400	500	600	700	900	1100	1500
Pressure Loss	.010	.016	.022	.031	.050	.075	.140
6 x 6 CFM	55	65	75	90	120	140	195
Ak .13 Throw	5.0	6.0	7.0	8.0	10.0	12.0	15.0
8 x 8 CFM	75	90	105	120	150	180	240
Ak .20 Throw	6.0	7.0	8.0	10.0	12.0	15.0	18.0
10 x 10 CFM	115	135	155	175	235	290	395
Ak .29 Throw	7.0	8.0	10.0	12.0	15.0	19.0	24.0
12 x 12 CFM	170	210	255	300	380	470	610
Ak .42 Throw	8.0	10.0	12.0	15.0	19.0	24.0	29.0
14 x 14 CFM	250	305	360	410	505	610	800
Ak .59 Throw	11.0	13.0	15.0	18.0	24.0	30.0	35.0

**A1004MS/A1004OB**

**Four-Way Diffuser**

Face Velocity	400	500	600	700	900	1100	1500
Pressure Loss	.010	.016	.022	.031	.050	.075	.140
6 x 6 CFM	55	65	75	90	120	140	195
Ak .13 Throw	2.0	3.0	4.0	5.0	6.0	7.0	9.0
8 x 8 CFM	75	90	105	120	150	180	240
Ak .20 Throw	3.0	4.0	5.0	6.0	8.0	10.0	13.0
10 x 10 CFM	115	135	155	175	235	290	395
Ak .29 Throw	4.0	5.0	6.0	7.0	9.0	12.0	14.0
12 x 12 CFM	170	210	255	300	380	470	610
Ak .42 Throw	5.0	6.0	7.0	8.0	10.0	12.0	15.0
14 x 14 CFM	250	305	360	410	505	610	800
Ak .59 Throw	6.0	7.0	8.0	9.0	11.0	14.0	18.0

**A1003MS/A1003OB**

**Three-Way Diffuser**

Face Velocity	400	500	600	700	900	1100	1500
Pressure Loss	.010	.016	.022	.031	.050	.075	.140
6 x 6 CFM	55	65	75	90	120	140	195
Ak .13 Throw L/S	3.5/2.5	4.0/3.0	5.0/3.5	5.5/4.0	7.0/5.0	9.0/6.0	12.0/9.0
8 x 8 CFM	75	90	105	120	150	180	240
Ak .20 Throw L/S	4.0/2.0	5.0/2.5	6.0/3.5	7.0/4.0	8.0/4.5	10.0/5.5	12.0/7.0
10 x 10 CFM	115	135	155	175	235	290	395
Ak .29 Throw L/S	5.0/3.0	7.0/4.0	8.0/4.5	10.0/5.5	12.0/7.0	14.0/8.5	18.0/10.5
12 x 12 CFM	170	210	255	300	380	470	610
Ak .42 Throw L/S	7.0/4.0	8.5/4.5	10.0/5.5	12.0/6.5	15.0/8.5	18.0/10.0	23.0/14.0
14 x 14 CFM	250	305	360	410	505	610	800
Ak .59 Throw L/S	8.0/5.5	10.0/6.0	11.5/7.0	13.0/7.5	15.5/9.0	20.0/11.0	27.0/16.0

**A1002MS/A1002OB**

**Two-Way Diffuser**

Face Velocity	400	500	600	700	900	1100	1500
Pressure Loss	.010	.016	.022	.031	.050	.075	.140
6 x 6 CFM	55	65	75	90	120	140	195
Ak .13 Throw	3.0	4.0	5.0	6.0	7.0	9.0	12.0
8 x 8 CFM	75	90	105	120	150	180	240
Ak .20 Throw	4.0	5.0	6.0	7.0	9.0	12.0	16.0
10 x 10 CFM	115	135	155	175	235	290	395
Ak .29 Throw	5.0	6.0	7.0	8.0	10.0	14.0	20.0
12 x 12 CFM	170	210	255	300	380	470	610
Ak .42 Throw	6.0	7.0	8.0	10.0	13.0	17.0	23.0
14 x 14 CFM	250	305	360	410	505	610	800
Ak .59 Throw	7.0	9.0	11.0	13.0	16.0	19.0	27.0

**A1005MS/A1005OB**

**Two-Way Corner Diffuser**

Face Velocity	400	500	600	700	900	1100	1500
Pressure Loss	.010	.016	.022	.031	.050	.075	.140
6 x 6 CFM	55	65	75	90	120	140	195
Ak .13 Throw	3.0	4.0	5.0	6.0	7.0	9.0	12.0
8 x 8 CFM	75	90	105	120	150	180	240
Ak .20 Throw	4.0	5.0	6.0	7.0	9.0	12.0	16.0
10 x 10 CFM	115	135	155	175	235	290	395
Ak .29 Throw	5.0	6.0	7.0	8.0	10.0	14.0	20.0
12 x 12 CFM	170	210	255	300	380	470	610
Ak .42 Throw	6.0	7.0	8.0	10.0	13.0	17.0	23.0
14 x 14 CFM	250	305	360	410	505	610	800
Ak .59 Throw	7.0	9.0	11.0	13.0	16.0	19.0	27.0