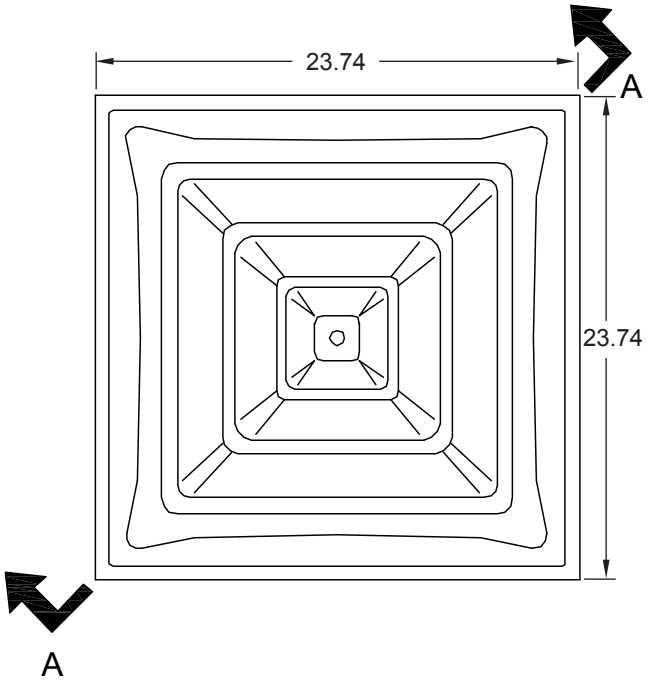
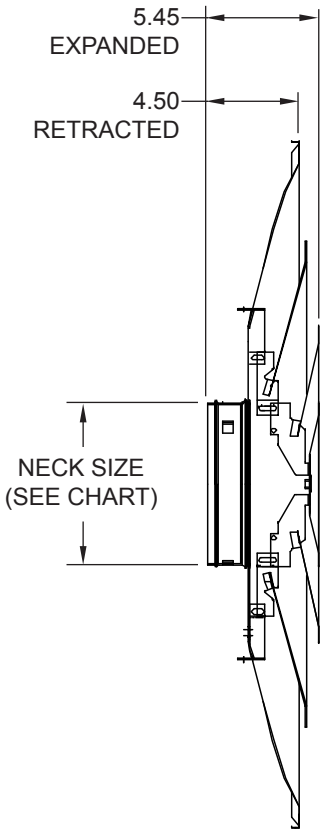
MFLC3C & MFLCI3C
3 CONE LIGHT COMMERCIAL CEILING DIFFUSER





SECTION A-A

- **Heavy Gauge Steel Construction**
- **High Air Volume 3 Cone Design**
- **360 deg. Uniform Air Diffusion**
- **Unique Retractable Cone Design for Flush Applications**
- **Fixed 2” High Collar for Easy Connectability**
- **Optional Butterfly Damper (MFLCBD Series)**
- **Damper Adjustable Through Face**
- **Optional Insulated Back (MFLCI3C Series)**
- **White Finish**

MFLC3C & MFLCI3C (Cones Fully Extended)

Neck Size (Dia)		Neck Velocity									
		400	500	600	700	800	900	1000	1200	1400	1600
6”	cfm	80	100	120	140	160	180	200	240	280	320
An .20	Ps	0.008	0.012	0.016	0.024	0.032	0.040	0.048	0.072	0.104	0.140
Ak .82	Throw	2.0	3.0	4.0	5.0	6.0	7.0	9.0	10.0	12.0	14.0
8”	cfm	140	175	210	245	280	315	350	420	490	560
An .35	Ps	0.008	0.016	0.024	0.032	0.044	0.056	0.076	0.120	0.168	0.212
Ak .97	Throw	4.0	6.0	7.0	8.0	9.0	11.0	12.0	14.0	15.0	17.0
10”	cfm	220	270	325	380	435	490	540	650	760	865
An .54	Ps	0.012	0.020	0.032	0.044	0.064	0.080	0.100	0.120	0.164	0.220
Ak 1.24	Throw	6.0	8.0	9.0	11.0	13.0	14.0	16.0	18.0	22.0	24.0
12”	cfm	315	390	470	550	625	705	780	940	1095	1250
An .79	Ps	0.040	0.052	0.076	0.096	0.124	0.144	0.192	0.272	0.368	0.476
Ak 1.69	Throw	8.0	9.0	11.0	13.0	14.0	15.0	18.0	21.0	24.0	26.0
14”	cfm	430	535	640	750	855	965	1070	1285	1500	1710
An 1.07	Ps	0.056	0.080	0.100	0.128	0.140	0.196	0.272	0.368	0.47	0.584
Ak 2.11	Throw	9.0	11.0	13.0	15.0	16.0	19.0	22.0	26.0	230.0	31.0

Terminal velocity of 75 fpm

MFLC3C & MFLCI3C (Cones Fully Retracted)

Neck Size (Dia)		Neck Velocity									
		400	500	600	700	800	900	1000	1200	1400	1600
6”	cfm	80	100	120	140	160	180	200	240	280	320
An .20	Ps	0.012	0.020	0.024	0.036	0.048	0.060	0.076	0.112	0.160	0.216
Ak .78	Throw	2.0	3.0	4.0	5.0	6.0	6.0	7.0	8.0	9.0	11.0
8”	cfm	140	175	210	245	280	315	350	420	490	560 0.348
An .35	Ps	0.016 4.0	0.028	0.044	0.060 7.0	0.080 8.0	0.108 9.0	0.132	0.200	0.276	16.0
Ak .90	Throw		5.0	6.0				11.0	13.0	14.0	
10”	cfm	220	270	325	380	435	490	540	650	760	865 0.492
An .54	Ps	0.024	0.040	0.064 9.0	0.092	0.120	0.164	0.200	0.244	0.340	25.0
Ak 1.19	Throw	6.0	7.0		10.0	12.0	14.0	17.0	19.0	21.0	
12”	cfm	315	390	470	550	625	705	780	940	1095	1250
An .79	Ps	0.052	0.080 8.0	0.112	0.144	0.180	0.220	0.276	0.404	0.544	0.644
Ak 1.63	Throw	7.0		10.0	11.0	13.0	14.0	17.0	20.0	22.0	25.0
14”	cfm	430	535	640	750	855	965	1070	1285	1500	1710
An 1.07	Ps	0.076	0.112	0.156	0.172	0.224	0.280	0.412	0.540	0.636	0.792
Ak 2.05	Throw	7.0	10.0	11.0	13.0	14.0	18.0	20.0	23.0	27.0	29.0

Terminal velocity of 75 fpm

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