

SUBMITTAL RECORD _____
 JOB _____
 LOCATION _____
 SUBMITTED TO _____
 SUBMITTAL PREPARED BY _____
 APPROVED BY _____
 DATE _____



Submittal Form

FPA

STAR FLAT PANEL
DIFFUSER (IMPORT)

STANDARD CONSTRUCTION

BACKPAN: COLD ROLLED DQSK STEEL, NOMINAL WALL THICKNESS OF 0.026"

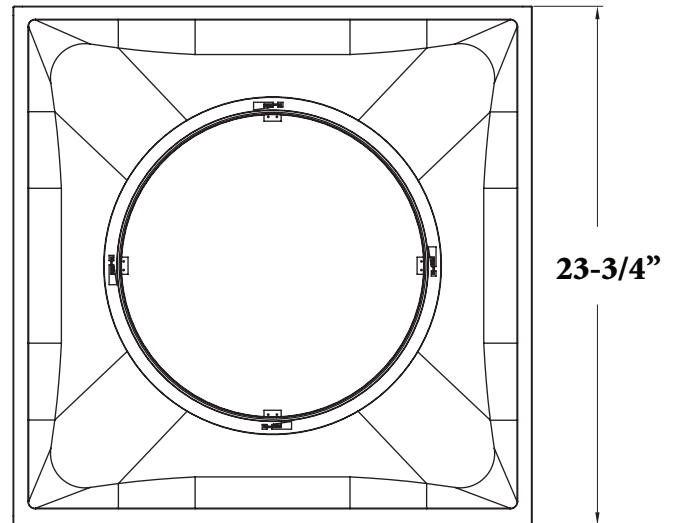
FLAT PLATE: COLD ROLLED DQSK STEEL, NOMINAL WALL THICKNESS OF 0.026"

FINISH: SKY WHITE POWDER COAT (STANDARD)

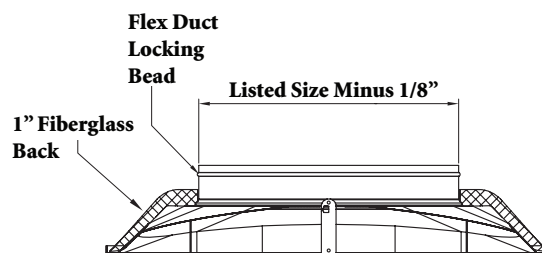
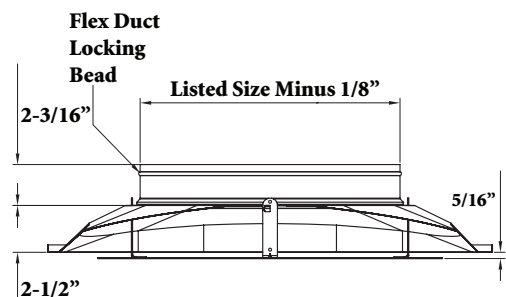
OPTIONS: FACTORY OR FIELD INSTALLED BUTTERFLY DAMPER (BCD) FACTORY OR FIELD INSTALLED OPPOSED BLADE DAMPER (OBR) AUXILIARY MOUNTING FRAME, FOR GYPSUM BOARD INSULATED BACKPAN PATTERN CONTROLLER

FEATURES

- T-bar ceiling application
- Steel construction
- Architectural flat panel design
- Un-insulated available.
- Fixed collar (6", 8", 10", 12", 14")
- 360-degree air deflection
- Available in white durable finish
- Available as imported (FPA)



FLAT PANEL CEILING DIFFUSER			
ITEM#	CODE#	DIMENSIONS	NECK DIAMETER
63056	FPA06	24" x 24"	6"
63057	FPA08	24" x 24"	8"
63058	FPA10	24" x 24"	10"
63059	FPA12	24" x 24"	12"
63060	FPA14	24" x 24"	14"



STAR FLAT PANEL CEILING DIFFUSER PERFORMANCE DATA

Architectural Face Plate

NECK DIAMETER	Neck vel. Velocity	400 0.010	500 0.016	600 0.022	700 0.031	800 0.040	900 0.050	1000 0.062	1200 0.090	1400 0.122
6	CFM	80	100	120	140	160	180	200	235	275
	Pt	0.011	0.017	0.025	0.033	0.043	0.054	0.066	0.095	0.132
	Throw	1-1-4	1-2-4	1-3-5	2-3-6	2-4-7	3-4-8	3-4-9	4-5-11	4-6-12
	NC	<10	<10	<10	<10	10	15	19	26	32
8	CFM	140	175	210	245	280	315	350	420	490
	Pt	.018	.028	.039	.054	.070	.090	.110	.162	.215
	Throw	2-3-6	2-4-7	3-4-9	3-5-10	4-6-12	5-7-13	6-8-14	6-9-15	7-10-16
	NC	<10	<10	<10	11	15	19	23	30	35
10	CFM	220	275	330	385	440	490	545	655	765
	Pt	.027	.042	.060	.082	.107	.136	.168	.241	.329
	Throw	3-4-8	3-5-10	4-6-12	5-7-13	5-8-14	6-9-15	7-10-16	8-12-18	10-13-19
	NC	<10	<10	<10	14	18	23	27	33	39
12	CFM	415	400	475	550	630	710	785	945	1099
	Pt	.038	.056	.082	.110	.150	.185	.233	.335	.358
	Throw	4-5-11	5-7-14	6-9-15	7-10-16	7-11-17	8-12-18	9-14-20	11-15-21	13-17-24
	NC	<10	<10	10	15	21	25	29	36	41
14	CFM	430	535	640	750	855	965	1070	1285	1500
	Pt	.050	.076	.112	.153	.200	.250	.310	.450	.610
	Throw	4-7-13	6-8-16	7-10-17	8-12-19	9-13-20	10-15-21	11-16-24	13-18-26	15-19-28
	NC	<10	<10	12	19	23	27	31	38	43
15	CFM	495	615	740	860	985	1105	1230	1475	1720
	Pt	.052	.085	.120	.174	.229	.285	.320	.500	.702
	Throw	5-7-15	6-9-17	7-12-20	9-13-21	10-15-22	11-16-23	12-17-24	15-19-26	17-20-29
	NC	<10	<10	13	19	23	27	31	38	43

NOTE:

1. Noise based on 10db room absorption.
2. Throws are for 150, 100, 50 FPM.

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