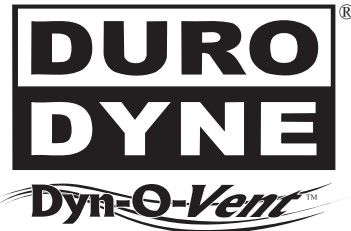


SUBMITTAL RECORD _____
 JOB _____
 LOCATION _____
 SUBMITTED TO _____
 SUBMITTAL PREPARED BY _____
 APPROVED BY _____
 DATE _____



Submittal Form **FPR** FLAT PANEL DIFFUSER (IMPORT)

STANDARD CONSTRUCTION

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

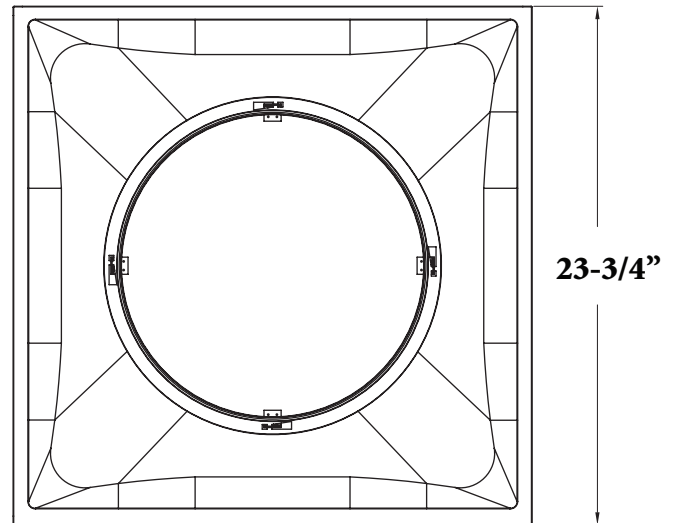
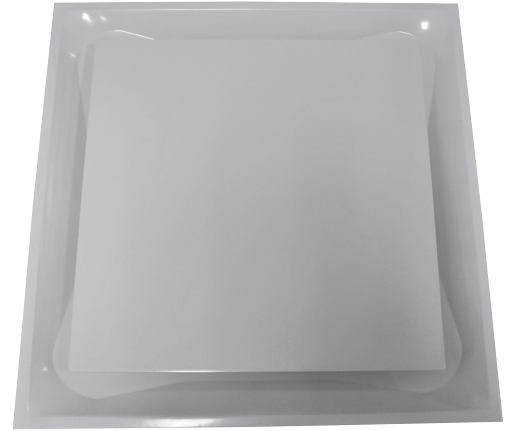
FLAT PLATE: COLD ROLLED DQSK STEEL, NOMINAL WALL THICKNESS OF 0.026"

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

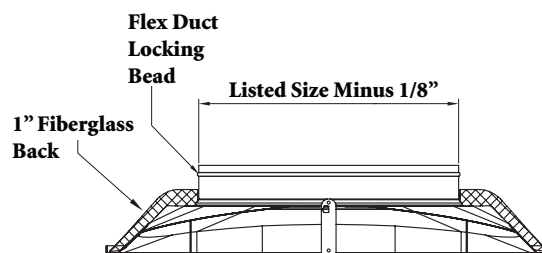
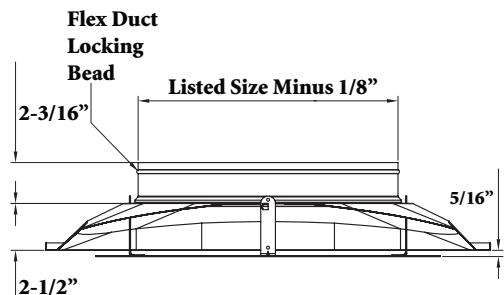
FEATURES

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



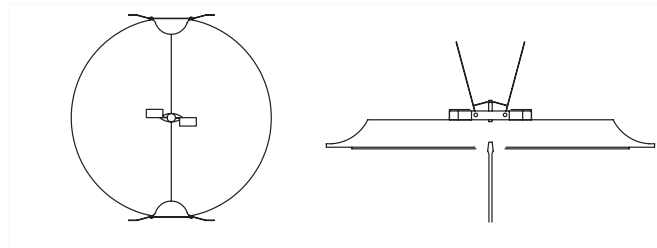
FLAT PANEL CEILING DIFFUSER			
ITEM#	CODE#	DIMENSIONS	NECK DIAMETER
63066	FPR06	24" x 24"	6"
63067	FPR08	24" x 24"	8"
63068	FPR10	24" x 24"	10"
63069	FPR12	24" x 24"	12"
63070	FPR14	24" x 24"	14"

FLAT PANEL CEILING DIFFUSER INSULATED			
ITEM#	CODE#	DIMENSIONS	NECK DIAMETER
63076	FPR06I	24" x 24"	6"
63077	FPR08I	24" x 24"	8"
63078	FPR10I	24" x 24"	10"
63079	FPR12I	24" x 24"	12"
63080	FPR14I	24" x 24"	14"



BUTTERFLY DAMPER (SOLD SEPERATELY)

COMMERCIAL CEILING MOUNT BUTTERFLY DAMPER FOR DIFFUSER (SOLD SEPERATELY)			
ITEM#	CODE#	DIMENSIONS	NECK DIAMETER
63192	SN06BD	3-7/8"	6"
63193	SN07BD	4-3/8"	7"
63194	SN08BD	4-7/8"	8"
63195	SN10BD	5-7/8"	10"
63196	SN126BD	6-7/8"	12"
63197	SN14BD	7-7/8"	14"



This damper is constructed using 0.028" thick galvanized steel. The blades of the BD are easily adjusted from the outside bottom of the diffuser with a screwdriver. Standard finish is brown.

FLAT PANEL CEILING DIFFUSER PERFORMANCE DATA

Square 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:

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

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