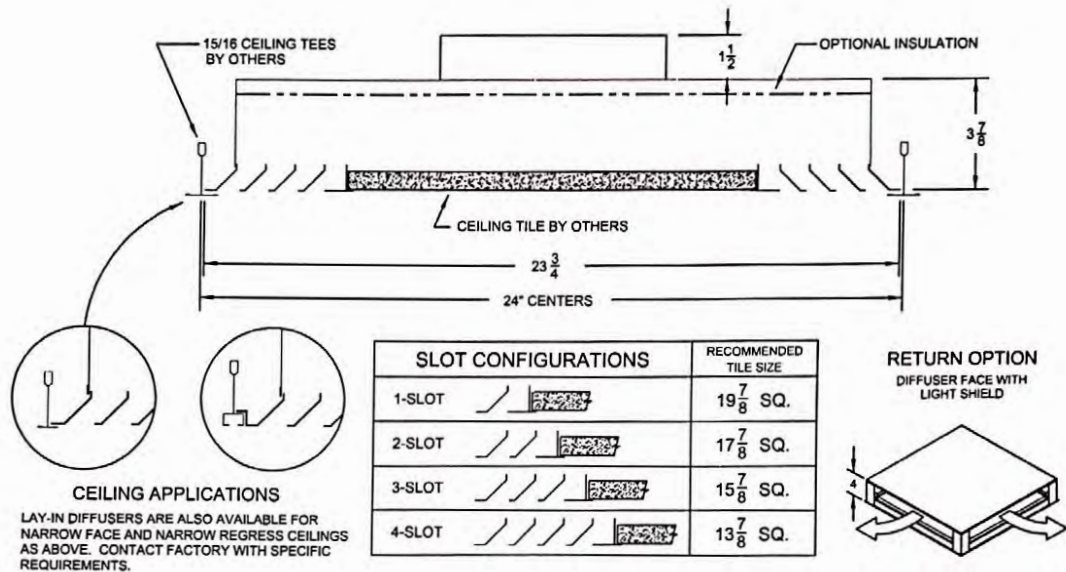




ACD CEILING DIFFUSER SUBMITTAL SHEET

AIR DISTRIBUTION SUBMITTAL



LAY-IN DIFFUSERS ARE ALSO AVAILABLE FOR NARROW FACE AND NARROW REGRESS CEILINGS AS ABOVE. CONTACT FACTORY WITH SPECIFIC REQUIREMENTS.

PERFORMANCE DATA

		24 X 24 NOMINAL SIZE						
		CFM	50	95	150	200	245	300
1-SLOT 8" INLET	Pt	.010	.021	.041	.070	.105	.153	.220
	THROW	3	4	6	8	10	12	14
	NC	(20)	(20)	(20)	25	30	35	38
2-SLOT 8" INLET	CFM	95	150	200	245	300	350	400
	Pt	.024	.033	.054	.080	.123	.163	.212
	THROW	6	7	8	10	11	12	14
3-SLOT 10" INLET	CFM	150	230	310	380	465	550	625
	Pt	.021	.035	.056	.090	.130	.186	.242
	THROW	4	5	7	9	10	11	13
4-SLOT 12" INLET	CFM	215	335	450	550	665	790	900
	Pt	.029	.056	.092	.149	.216	.315	.414
	THROW	7	9	11	13	15	17	19
	NC	(20)	(20)	29	36	41	47	52

Pt - Total pressure in inches of water.
 Throw - Distances in feet to a terminal velocity of 50 FPM.
 NC - Noise Criteria based on 10 db. room absorption.
 Performance data is based on tests performed at Donco Air Products and Intertek Testing Services in accordance with ASHRAE Standard 70-1991. Copy of Report #532688 is available upon request.

FEATURES

- EXTRUDED ALUMINUM FRAMES WITH REMOVABLE STEEL PLENUM
- STANDARD FINISH: WHITE FRAMES WITH BLACK PLENUM INTERIOR
- ROUND INLET SIZES 6 THRU 12 INCH
- OPTIONAL 1/2" THICK INTERNAL INSULATION

OPTIONS (SPECIFY)

- NUMBER OF SLOTS
- INLET SIZE
- SUPPLY DIFFUSER WITH PLENUM
- RETURN DIFFUSER - FACE ONLY
- RETURN DIFFUSER WITH LIGHT SHIELD
- NON-INSULATED
- TOP INTERNAL INSULATION
- BUTTERFLY DAMPER - INSTALLED
- BUTTERFLY DAMPER - NOT INSTALLED

STANDARD INDUSTRY TOLERANCES APPLY. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

JOB NAME: _____
 LOCATION: _____
 ARCHITECT: _____
 ENGINEER: _____
 CONTRACTOR: _____

MODEL ACD ARCHITECTURAL CEILING DIFFUSER

DRAWN BY: RBJ DATE: 3-25-02 DWG. NO.: ACD-A

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