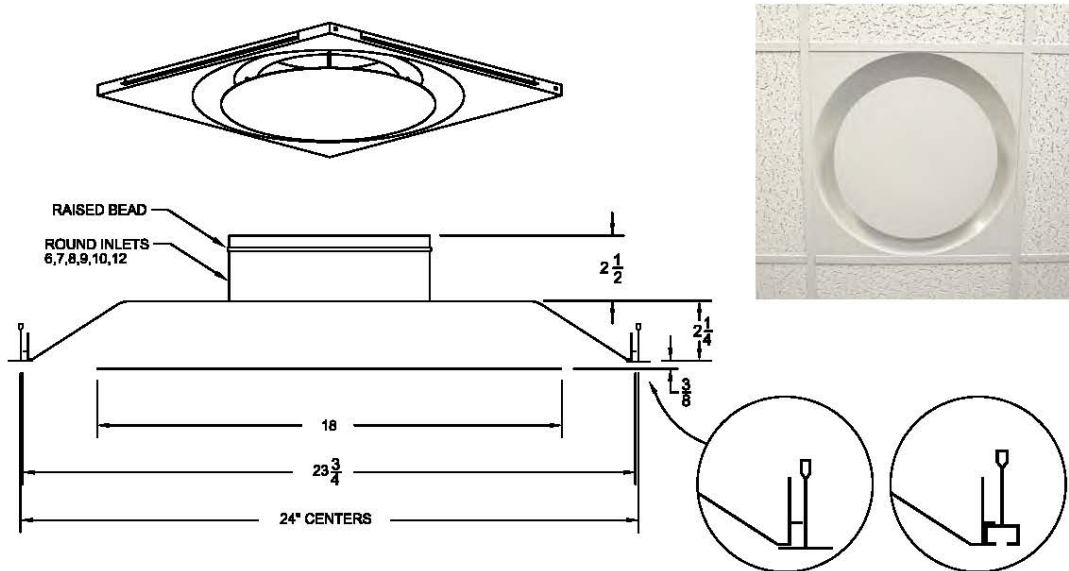




TFM ROUND DIFFUSER SUBMITTAL SHEET

AIR DISTRIBUTION SUBMITTAL



UNIVERSAL DESIGN IS COMPATIBLE WITH STANDARD 15/16" WIDE CEILING GRID AS WELL AS 9/16" WIDE BOLT SLOT TYPE GRID SYSTEMS.

PERFORMANCE DATA

		24 X 24 NOMINAL SIZE							
NECK VELOCITY		400	500	600	700	800	1000	1200	1400
6" INLET	PT	0.016	0.024	0.032	0.042	0.053	0.081	0.117	0.160
	THROW	3	3	4	5	6	7	8	9
	NC	(20)	(20)	(20)	(20)	(20)	21	26	33
7" INLET	CFM	107	135	159	188	214	267	321	374
	PT	0.019	0.029	0.041	0.056	0.072	0.112	0.161	0.22
	THROW	4	5	5	6	7	8	10	11
8" INLET	NC	(20)	(20)	(20)	(20)	(20)	24	30	34
	CFM	140	175	206	244	279	349	419	488
	PT	0.021	0.035	0.048	0.068	0.089	0.141	0.198	0.256
9" INLET	THROW	5	6	7	8	9	10	11	13
	NC	(20)	(20)	(20)	(20)	(20)	25	31	36
	CFM	177	224	263	312	354	441	531	618
10" INLET	PT	0.023	0.038	0.053	0.076	0.100	0.152	0.218	0.308
	THROW	6	7	8	9	10	12	13	15
	NC	(20)	(20)	(20)	(20)	(20)	26	33	38
11" INLET	CFM	216	273	327	382	436	545	654	764
	PT	0.024	0.042	0.057	0.087	0.124	0.185	0.260	0.362
	THROW	7	8	10	11	12	14	17	19
12" INLET	NC	(20)	(20)	(20)	(20)	(20)	28	33	38
	CFM	314	393	471	550	628	785	942	1100
	PT	0.042	0.068	0.097	0.134	0.176	0.275	0.391	0.523
12" INLET	THROW	8	10	12	13	15	17	19	21
	NC	(20)	(20)	(20)	(20)	23	30	36	40

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 is based on tests performed at Donco Air Products and Interlink Testing Services in accordance with ASHRAE 70-1991. Copy of Reports #3071239-001A & 3071240-001 are available upon request.

FEATURES

- THE ROUND PLAQUE IN A CONICAL PLENUM PROVIDES A TRUE FULL-FACE CIRCULAR OUTLET.
- THE LARGE OUTLET AREA PROVIDES EFFICIENT AIR PERFORMANCE AND A 360 DEGREE AIR PATTERN.
- CENTER PLAQUE IS EASILY REMOVABLE.
- SAFETY CABLE SECURES THE PLAQUE ASSEMBLY
- DIFFUSER HOUSING IS 22 GAGE STEEL.
- HANGER HOLES ARE STANDARD.
- STANDARD FINISH IS DONCO #26 POWDER COAT WHITE.
- NOMINAL SIZE IS 24 X 24.
- DIRECTIONAL AIR GATES ARE AVAILABLE.

OPTIONS (SPECIFY)

- INLET SIZE
- BUTTERFLY DAMPER
- RADIAL DAMPER

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

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

MODEL TFM
ROUND PLAQUE / CONICAL PLENUM
LAY-IN DIFFUSER

DRAWN BY: RBJ DATE: 8-24-05 DWG. NO.: TFM

P.O. BOX 250
 ALBION, IOWA 50005
 PH. (641) 488-2211 FAX (641) 488-2796
 www.raymon-hvac.com



#2 Chootoo Road, South Aranguz, San Juan, Trinidad

