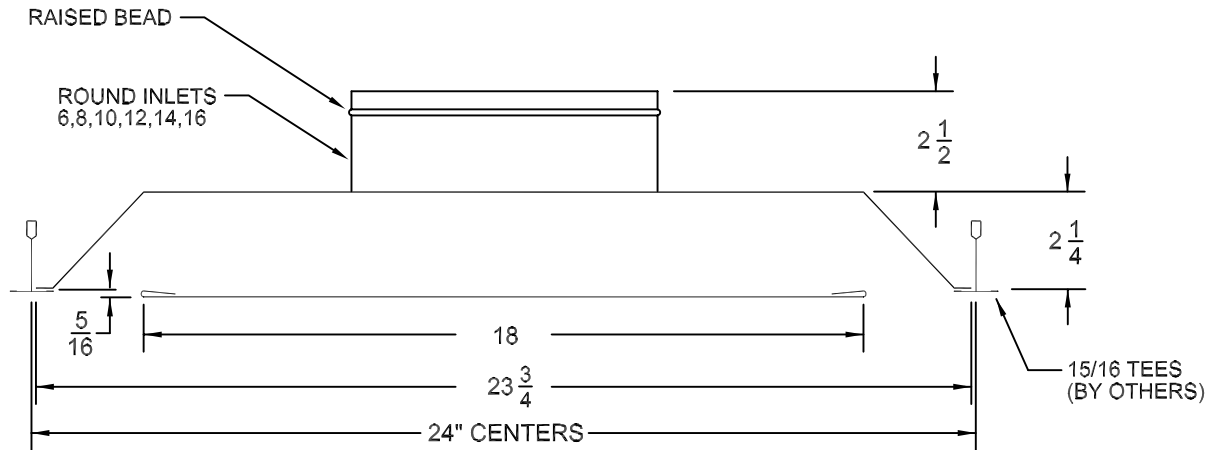


AIR DISTRIBUTION SUBMITTAL



PERFORMANCE DATA

		24 x 24 NOMINAL SIZE							
NECK VELOCITY		400	500	600	700	800	1000	1200	1400
6" INLET	CFM	80	100	120	135	155	195	235	275
	Pt	.016	.026	.040	.051	.068	.096	.149	.205
	THROW	4	5	6	7	8	9	10	12
	NC	(20)	(20)	(20)	(20)	(20)	24	29	35
8" INLET	CFM	140	175	210	245	280	350	420	490
	Pt	.019	.031	.048	.062	.082	.124	.181	.242
	THROW	6	7	8	9	10	12	14	15
	NC	(20)	(20)	(20)	(20)	20	31	37	40
10" INLET	CFM	220	275	325	380	435	545	655	765
	Pt	.030	.046	.065	.088	.115	.185	.262	.361
	THROW	7	9	10	11	12	14	15	17
	NC	(20)	(20)	(20)	(20)	22	30	37	43
12" INLET	CFM	315	395	470	550	630	785	940	1100
	Pt	.042	.064	.091	.123	.161	.255	.367	.493
	THROW	8	10	11	12	14	16	18	20
	NC	(20)	(20)	(20)	23	27	33	39	45
14" INLET	CFM	430	535	640	750	855	1070	1285	1495
	Pt	.057	.082	.121	.166	.212	.334	.481	.648
	THROW	10	12	14	15	17	20	23	25
	NC	(20)	(20)	(20)	23	28	36	42	47

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 70-1991. Copy of Report #524177 is available upon request.

FEATURES

- HOUSING CONSTRUCTED OF 22 GAUGE STEEL.
- DOUBLE THICKNESS STEEL FACE PLATE WITH 20 GAUGE SUBPLATE
- FACE PLATE CAN BE REMOVED FOR DAMPER ADJUSTMENT OR CLEANING.
- FACE PLATE INCLUDES SAFETY CABLE FOR EARTHQUAKE PROTECTION.
- EXTRA DEEP 2 1/2" COLLAR WITH RAISED BEAD FOR SECURE DUCT CONNECTION
- DURABLE POWDER COAT WHITE FINISH STANDARD
- TEE BAR LAY-IN CEILING APPLICATION IS STANDARD.
- ACCESSORY FRAMES ARE AVAILABLE FOR SURFACE MOUNT APPLICATIONS.
- CONTACT FACTORY FOR OTHER APPLICATIONS.

OPTIONS (SPECIFY)

- ☐ INLET SIZE (6,8,10,12,14,16)
- ☐ BUTTERFLY DAMPER (6,8,10,12,14)
- ☐ RADIAL DAMPER (6,8,10,12)

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

JOB NAME: _____

LOCATION: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

PRO2 SQUARE PLAQUE ARCHITECTURAL CEILING DIFFUSER

DRAWN BY
RBJ

DATE
9-22-03

DWG. NO.
PRO2

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



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