

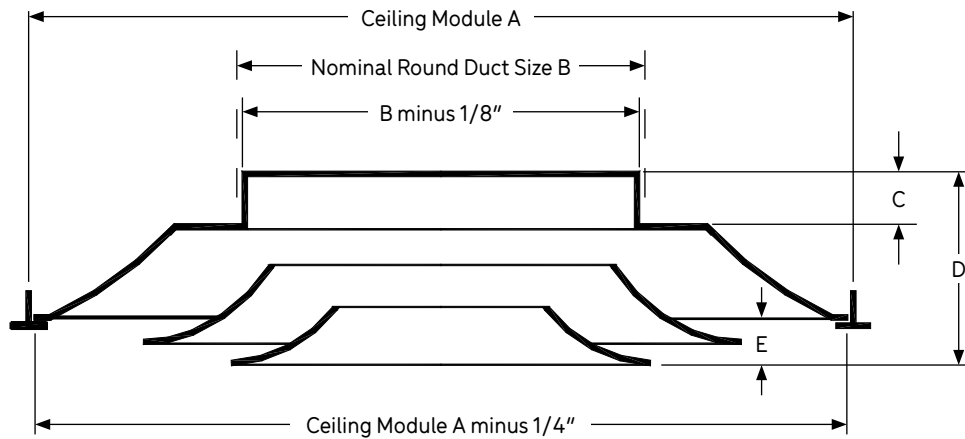
TB Tuttle & Bailey® SUBMITTAL DRAWING

A2300

Square Ceiling Diffusers
Aluminum, High Performance

Model: **A2300** • High Performance

Border Type LTF (Lay-In) Full Face.

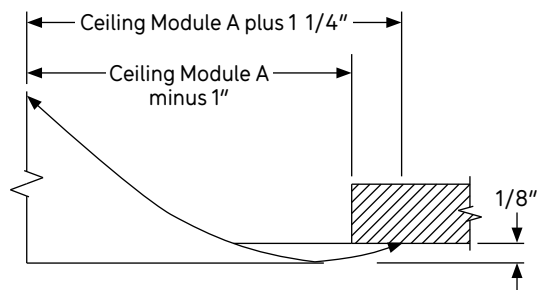


Ceiling Module A	Nominal Round Duct Size B	C	D	E
12 X 12	4, 5*	3 1/8	5 3/8	1 1/8
12 X 12	6, 8	1 1/8	3 3/8	1 1/8
24 X 24	6, 8	1 1/4	5	1 1/4
24 X 24	10, 12, 14, 15	1 3/8	5 1/8	1 1/4

* Adapter is provided for sizes 4 & 5

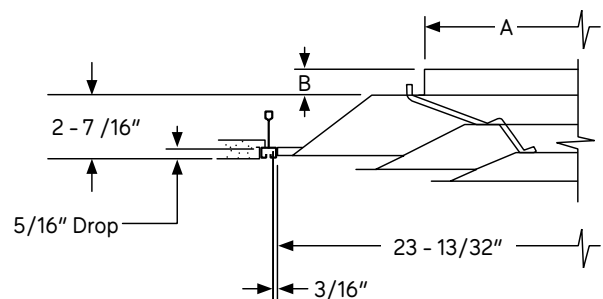
OTHER AVAILABLE BORDER TYPES

Frame Type SFM (Surface Mount)
Full Face

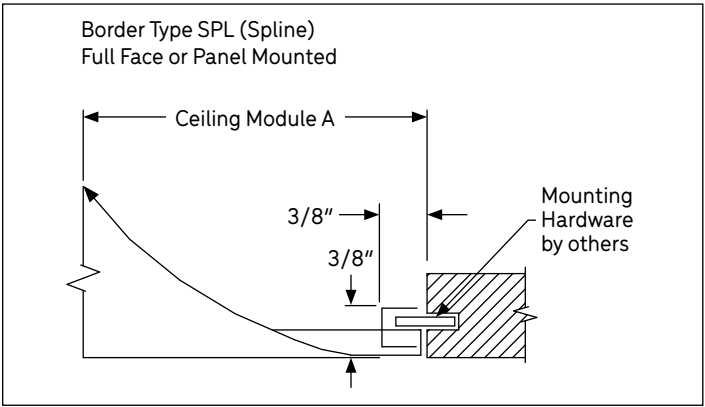
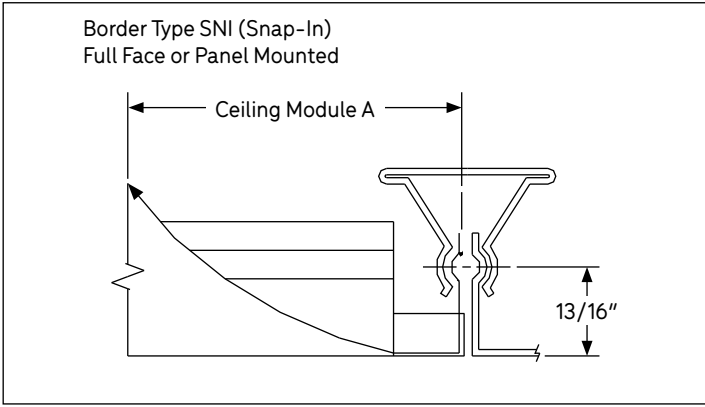
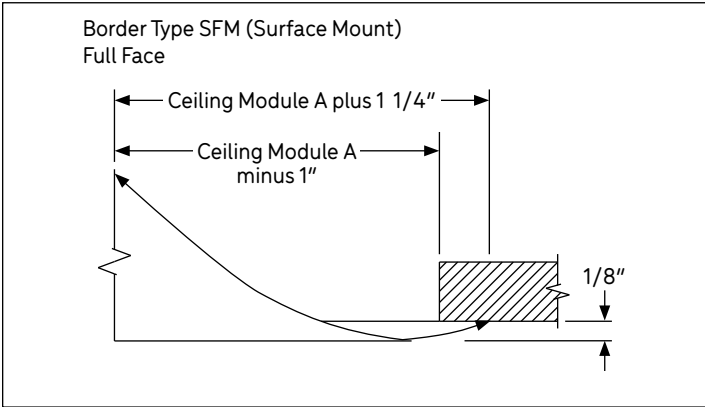


Ceiling Module	Face Size	Nominal Round Duct Sizes	Border Types
24 x 24	24 x 24	6, 8, 10, 12, 14, 15	SFM, SNI, LTF, SPL

Frame Type NTG (Narrow Tee)

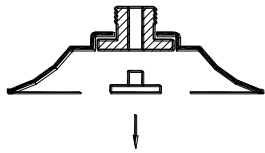


OTHER AVAILABLE BORDER TYPES

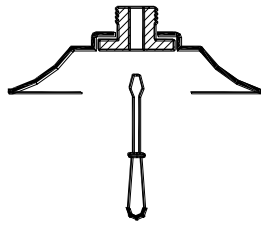


Ceiling Module	Face Size	Nominal Round Duct Sizes	Border Types
12 X 12	12 X 12	4, 5, 6, 8	SFM, SNI, LTF, SPL
24 X 24	24 X 24	6, 8, 10, 12, 14, 15	SFM, SNI, LTF, SPL
24 X 24 (Panel)	12 X 12	4, 5, 6, 8	SNI, LTF, SPL

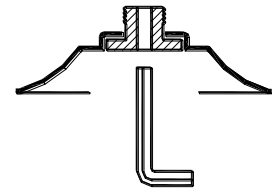
ADJUSTING OPTIONAL DAMPER • REMOVING CENTER CONE



1. Remove center pin.



2. To adjust optional damper, insert screwdriver through hex hole.



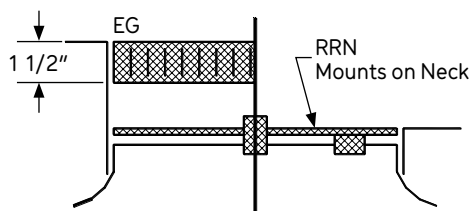
3. To remove center cone, insert hex key (by others) and unscrew center hub.

ACCESSORIES (OPTIONAL)

Check ☒ if provided.

Model RRN Radial Sliding Blade Damper

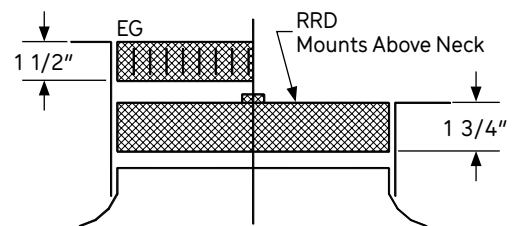
Model EG Equalizing Grid



Model RRN damper is available in duct sizes 6, 8, 10, 12 and 14 inch duct sizes only.

Model RRD Radial Sliding Blade Damper

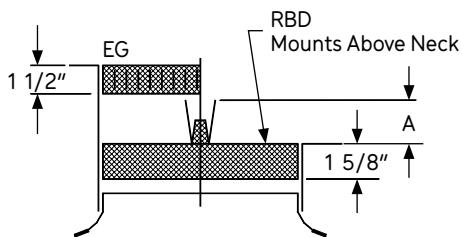
Model EG Equalizing Grid



Model RRD damper is available in duct sizes 6, 8, 10, 12 and 14 inch duct sizes only.

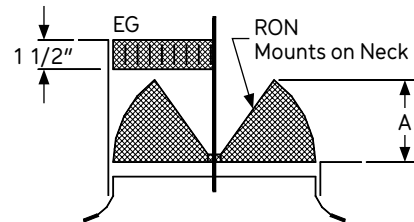
Model RBD Butterfly Damper

Model EG Equalizing Grid



Model RON Opposed Blade Damper

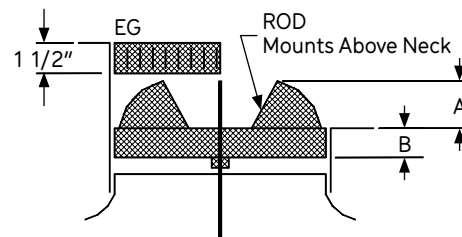
Model EG Equalizing Grid



Model RON damper is available in duct sizes 6 thru 12 inches only.

Model ROD Opposed Blade Damper

Model EG Equalizing Grid



Model ROD damper is available in 6, 7, 8, 10, 12, 14, and 15 inch duct sizes only.

Dimension "A" in Inches, for Dampers Shown as Above

Accessories	Nominal Round Duct Sizes					
	6	8	10	12	14	15
RRD	-	-	-	-	-	N/A
RRN	-	-	-	-	-	N/A
RON	2 3/8	3 1/4	4 1/8	4 7/8	N/A	N/A
RBD	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	7
ROD	2 3/4	3 5/8	4 1/2	5 3/8	2 3/4	3

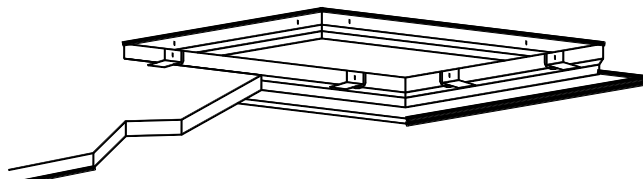
Note: RRN and RRD dampers have radial blades that slide in a horizontal plane. For that reason, no opening clearance "A" is dimensioned.

OTHER ACCESSORIES (OPTIONAL) Check ☒ if provided.

Standard Finish: WHT White

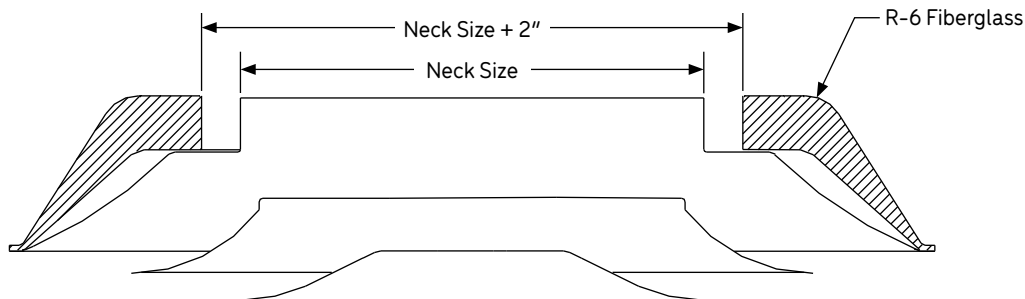
Model SB Sectorizing Baffles

AFR Rapid Mount Frame

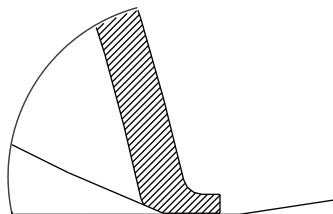


For Surface Mounting Border Type LTF

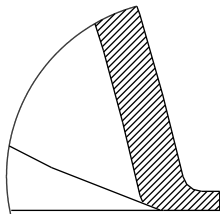
MI Molded Insulation Blanket



Type LTF Border Shown



Type SFM Frame



Type LTF Frame

Insulation is R-6 where blanket has the most depth. One inch clearance on each side of neck is left for insulated duct connection. 24x24 Full face models only.

GENERAL DESCRIPTION

- Model A2300 delivers supply air in a true 360° pattern. Designed to protect ceiling from streaking and smudging.
- Excellent for variable volume systems. The uniform, nearly horizontal jet from the outer cone maintains effective room air distribution even when air volume varies over a considerable range.
- The A2300 consists of 3 concentric cones in all sizes. This uniformity of design enhances appearance in installations where more than one size is involved.
- Screwdriver adjustment of the optional damper is achieved without removing the inner cone. (See Note 2, Page 2).
- Quick removal of inner cone with a hex key speeds installation. (See Note 3, Page 2).
- All cones are die-stamped one piece construction with smooth, clean surfaces and no corner joints.
- Material is heavy gauge aluminum with steel bar webbing.
- Optional molded insulation blanket MI with R-6 rating available for use with order styles 1, 2, 3, and 4, 24x24 full face models.

JOB NAME:	SUBMITTED BY:	DATE: 07/16/26	A2300 - 1.0
LOCATION:		A2300	
ARCHITECT:		Square Ceiling Diffusers	
ENGINEER:		Aluminum, High Performance	
CONTRACTOR:			