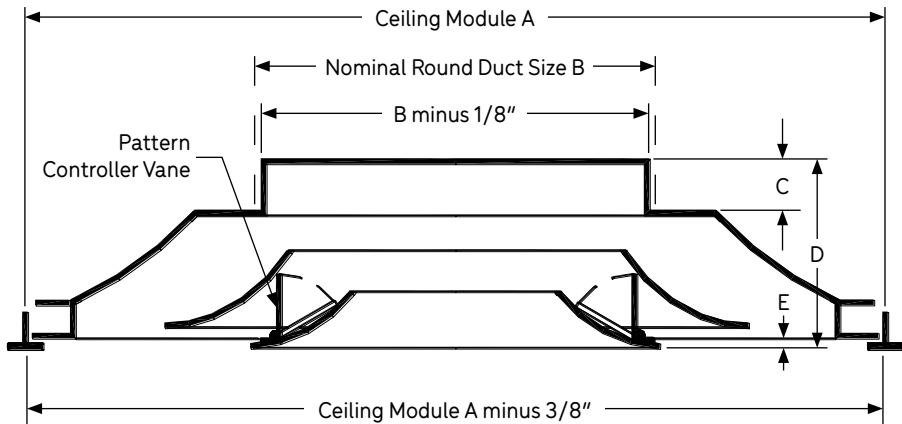


S2300A

Square Ceiling Diffusers
Steel, Adjustable, High Performance

Model: **S2300A** • Round Neck • Vertical-to-Horizontal Discharge Pattern

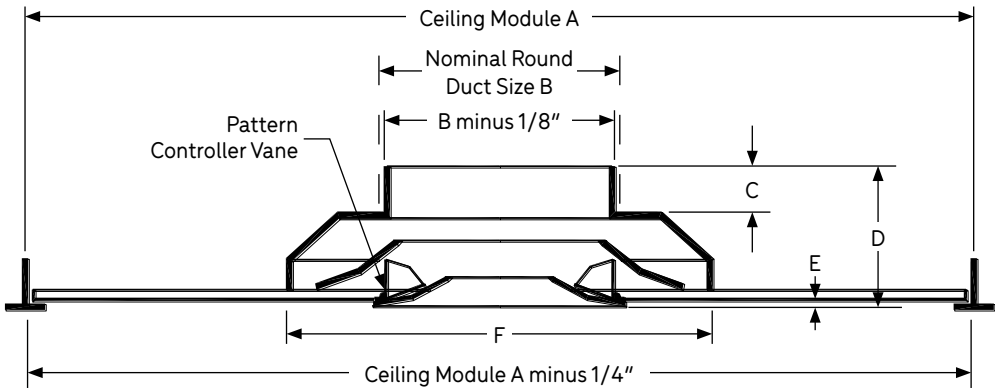
Border Type LTF (Lay-In) Full Face. For other border types, please see next page.



Ceiling Module A	Nominal Round Duct Size B	C	D	E
12 X 12	4, 5*	3 1/8	5 3/8	3/8
12 X 12	6	1 1/8	3 3/8	3/8
12 X 12	8	1 1/4	3 1/2	3/8
24 X 24	6, 8	1 1/4	5	1/4
24 X 24	10, 12, 14, 15	1 3/8	5 1/8	1/4

* Adapter is provided for sizes 4 & 5

Border Type LTF (Lay-In) Panel Mount. For other border types, please see next page.



Ceiling Module A	Nominal Round Duct Size B	Nominal Face Sizes F	C	D	E
24 X 24	4, 5*	12 X 12	3 1/8	5 3/8	3/8
24 X 24	6	12 X 12	1 1/8	3 3/8	3/8
24 X 24	8	12 X 12	1 1/4	3 1/2	3/8

* Adapter is provided for sizes 4 & 5

OTHER AVAILABLE BORDER TYPES

Frame Type SFM (Surface Mount)
Full Face

Ceiling Module A, plus 1 1/2"

Ceiling Module plus 1/4"

1 1/4"

1/4"

Frame Type SNI (Snap-In)
Full Face or Panel Mounted

Ceiling Module A

13/16"

1/4"

Frame Type SPL (Spline)
Full Face or Panel Mounted

Ceiling Module A

3/8"

3/8"

Mounting Hardware by others

Ceiling Module	Face Size	Nominal Round Duct Size	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.

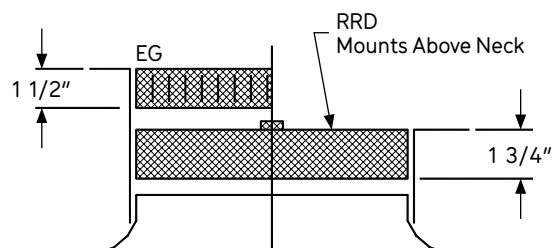
3. To remove center cone, insert hex key (by others) and unscrew center hub.

TB Tuttle & Bailey® SUBMITTAL DRAWING

ACCESSORIES (OPTIONAL) Check ☒ if provided.

Model RRD Radial Sliding Blade Damper

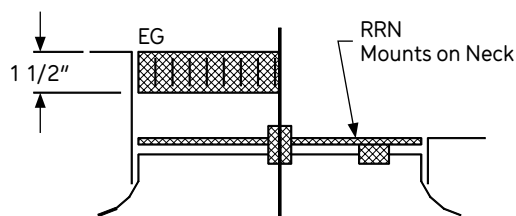
Model EG Equalizing Grid



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

Model RRN Radial Sliding Blade Damper

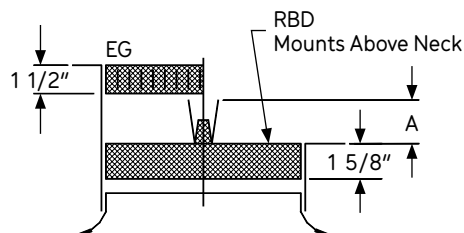
Model EG Equalizing Grid



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

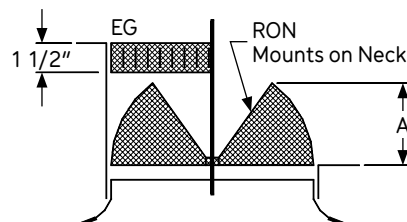
Model RBD Butterfly Damper

Model EG Equalizing Grid



Model RON Opposed Blade Damper

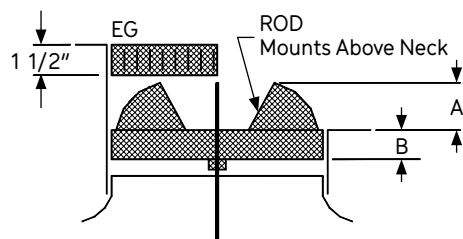
Model EG Equalizing Grid



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, 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

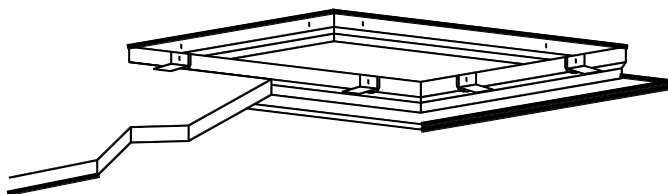
Note: RRN and RRD dampers have radial blades that slide in a horizontal plane. For that reason, no opening clearance "A" is dimensioned.

OTHER ACCESSORIES (OPTIONAL) Check ☒ if provided.

Standard Finish: WHT White

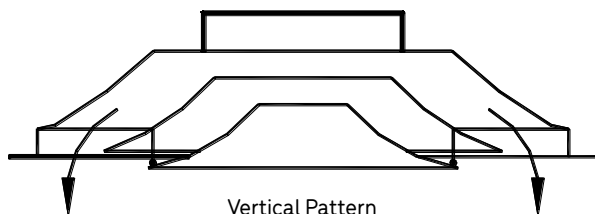
Model SB Sectorizing Baffles

AFR Rapid Mount Frame

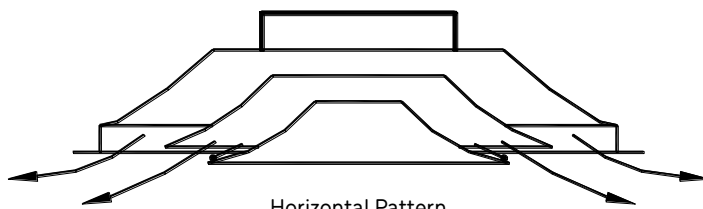


For Surface Mounting Border Type LTF

S2300A DISCHARGE PATTERNS



Vertical Pattern



Horizontal Pattern

Note: Pattern controller vanes are adjustable to any position from vertical to horizontal.

GENERAL DESCRIPTION

- Model S2300A includes adjustable vanes which vary the discharge pattern between horizontal and vertical.
- Delivers supply air in a true 360° pattern. Designed to protect ceiling from streaking and smudging.
- Excellent for variable volume systems. The uniform jet maintains effective room air distribution even when air volume varies over a considerable range.
- The S2300A 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 steel.

JOB NAME: LOCATION: ARCHITECT: ENGINEER: CONTRACTOR:	SUBMITTED BY:	DATE: 07/16/26 S2300A - 1.0 S2300A Square Ceiling Diffusers Steel, Adjustable, High Performance
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