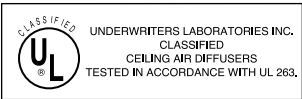
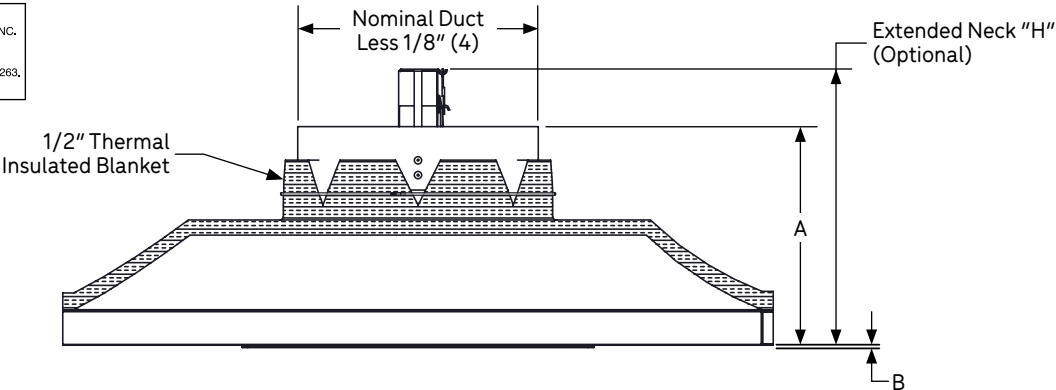


S2300A-FR

Square Ceiling Diffusers
Steel, Fire Rated, Adjustable, High Performance

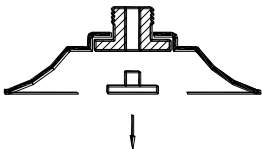
Model: **S2300A-FR** • Round Neck • Vertical-to-Horizontal Discharge Pattern

☐ Border Type LTF (Lay-In) With Fire Damper • Full Face

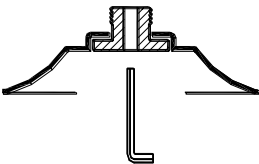


Panel Size	Nominal Duct	A	B	H
12 X 12	6, 7	5 7/8 (149)	3/8 (10)	8 7/8 (225)
12 X 12	8	5 3/4 (146)	5/8 (16)	8 3/4 (222)
24 X 24	8	7 5/8 (194)	1/4 (6)	10 5/8 (270)
24 X 24	10	7 3/4 (197)		10 3/4 (273)
24 X 24	12, 14			15 3/4 (400)
24 X 24	15			

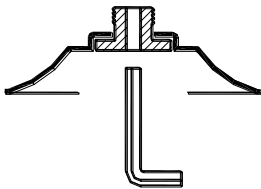
OPTIONAL VOLUME ADJUSTMENT DAMPER CONTROL • REMOVING CENTER CONE



1. Remove center pin.



2. To adjust optional damper, insert 3/16" hex key (by others) through the hex hole.



3. To remove center cone, insert 5/16" hex key (by others) and unscrew center hub.

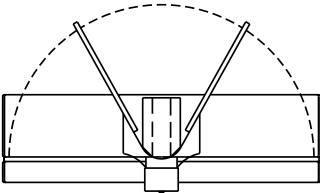
ACCESSORIES (OPTIONAL)

Check ☒ if provided.

☐ Fire Damper with Extended Neck

Round Duct Size B	Extended Neck Height
6", 7"	8 7/8"
8"	8 3/4"
10"	10 5/8"
12", 14", 15"	10 3/4"

☐ UL Listed Fusible Volume Adjustment Control -
Allows adjustment of fire damper blades to balance airflow.
A standard 3/16" hex key (by others) is required for adjustment.



Options:

☐ UL Listed Fusible Volume Control ☐ 165°F Fusible Link ☐ Extended Neck

Available Colors:

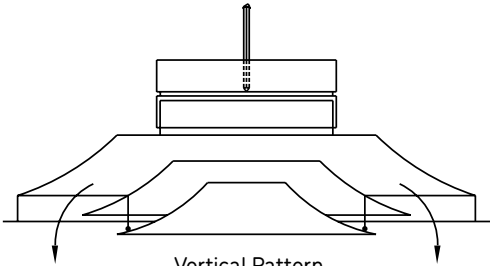
☐ White (WHT) ☐ Aluminum Paint (ALP) ☐ Off White (OWH) ☐ Flat Black (BLK) ☐ Match Paint

OTHER ACCESSORIES (OPTIONAL)

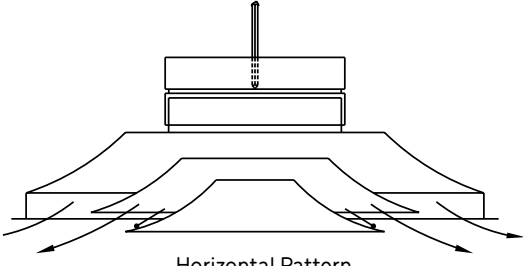
Check ☒ if provided.

☐ Fusible Link 165°F (212°F is standard).

MODEL S2300A-FR DISCHARGE PATTERNS



Vertical Pattern



Horizontal Pattern

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

GENERAL DESCRIPTION

- Model S2300A-FR is a UL Classified Fire Rated Ceiling Diffuser Assembly listed in The Underwriters Laboratories "Fire Resistance Directory."
- The Ceiling Diffuser Assembly has a fire resistance rating of 3 hours or less when installed in accordance with the installation instructions.
- Model S2300A-FR includes adjustable vanes which vary the discharge pattern between horizontal and vertical.
- Model S2300A-FR delivers supply air in a true 360° pattern. Designed to protect ceiling from streaking and smudging associated with many other types of ceiling diffusers.
- Excellent for variable volume systems. The uniform, jet maintains effective room air distribution even when the air volume varies over a considerable range.
- The S2300A-FR consists of 3 concentric cones in all sizes. This uniformity of design enhances appearance in installations where more than one size is involved.
- Adjustment of the optional volume adjustment damper is achieved without removing the inner cone (See Note 2, Page 1).
- Quick removal of the inner cone with a hex key speeds installation (See Note 3, Page 1).
- All cones are die-stamped, one-piece construction with smooth, clean surfaces and no corner joints.
- Material is heavy gauge steel.

JOB NAME:	SUBMITTED BY:	DATE: 10/23/26	S2300A-FR - 1.0
LOCATION:		S2300A-FR	
ARCHITECT:		Square Ceiling Diffusers	
ENGINEER:		Steel, Adjustable, High Performance	
CONTRACTOR:			