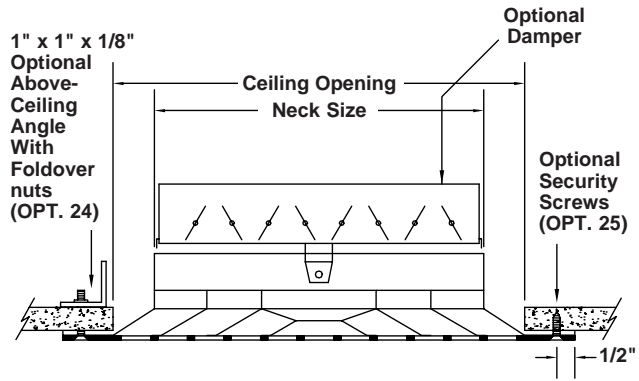
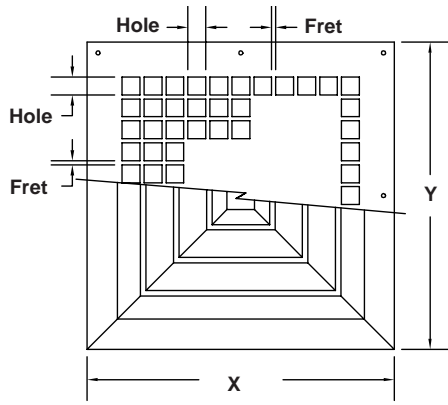


MODEL SD — SECURITY CEILING DIFFUSER




STANDARD CONSTRUCTION

Face: 12 ga. steel.
Hole Pattern: 13/16" square holes with 3/16" frets.
Diffuser: Commercial surface mount ceiling diffuser.
 *Neck sizes are available in 3" increments only.
Finish: Two part polyurethane. White.

REQUIRED CONSTRUCTION:

- Face Material:** 12 ga. steel (Std.)
 14 ga. steel
 10 ga. steel
 Other _____
- Hole Pattern:** 13/16" square holes with 3/16" frets (Std.)
 3/4" x 3/4" square holes with 1/4" frets
 1/2" x 1/2" holes with 3/16" frets.
 Other _____
- Finish:** White (Std.)
 Other _____
- Other Material:** **SD-A** all aluminum construction. 10 ga. (.100") thick face, aluminum diffuser
 SD-SS all stainless steel construction. 12 ga. type 304 face, stainless steel diffuser.

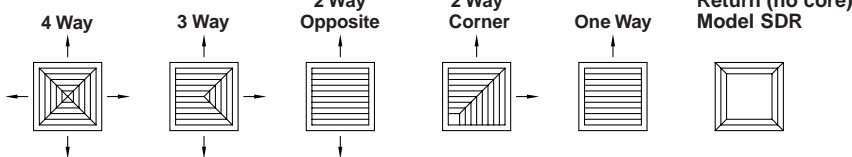
MOUNTING OPTIONS:

- 25A.** (Std) Countersunk screw holes in face 10" o.c. with #10 x 2" long Torx security sheet metal screws. Clearance hole in diffuser for securing to structure above diffuser. Other screw style/size length _____
- 25B.** Countersunk screw holes in face 10" o.c. with #10 x 1" long Torx security sheet metal screws. Starter hole in diffuser for securing face plate directly to diffuser. Other screw style/size/length _____
- 24.** Countersunk screw holes in face 10" o.c. with #10-24 x 2" long Torx security machine screws for 1-1/2" maximum ceiling thickness. 1" x 1" x 1/8" steel angle frame with matching holes and foldover nuts. Other screw style/size/length _____
- 11H.** 1" x 1" x 1/8" angle frame with extended legs on one end. Loose for field welding to sleeve (requires option SLV). 

ACCESSORIES:

- 16F.** Face operated opposed blade damper, loose for field installation.
- SXR.** Square to round transition, loose for field installation. Advise round size _____
- EG.** Equalizing grid, loose for field installation.
- SLV.** 12 ga. steel sleeve with continuously welded or formed seams, stitch welded to diffuser neck. Advise sleeve length _____
- Other Options:** _____

THROW PATTERNS



Qty.	Neck Size *	X x Y	Ceiling Opening	Throw Pattern	Accessories	Damper	Mounting Option	Tag

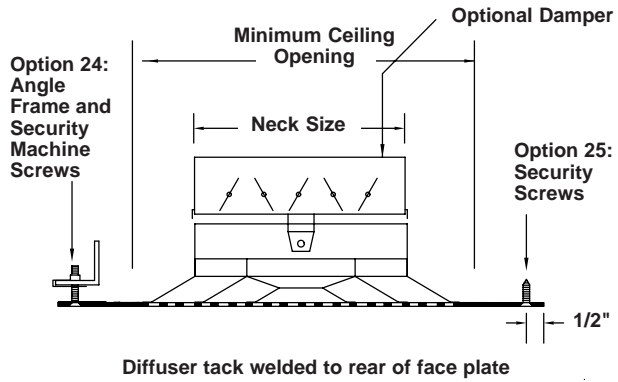
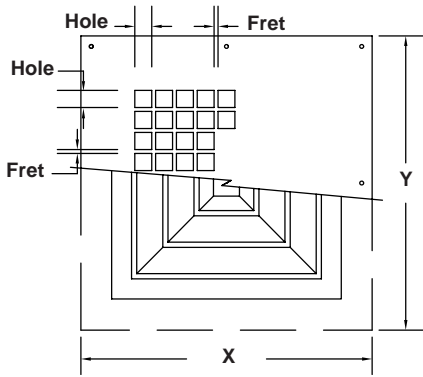
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Project		Location	
Architect / Engineer		Dwg. No.	
Contractor		SDw 03/29/06	
Representative		Date	



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MODEL SDE SECURITY CEILING DIFFUSER WITH EXTENDED FACE PLATE



Diffuser tack welded to rear of face plate

STANDARD CONSTRUCTION

Face: 12 ga. steel.
Hole Pattern: 13/16" square holes with 3/16" frets.
Diffuser: Commercial ceiling diffuser tack welded to rear of face plate.
 *Neck sizes are available in 3" increments only.
Finish: Two part polyurethane. White.

REQUIRED CONSTRUCTION:

- Face Material:** 12 ga. steel (Std.)
 14 ga. steel
 10 ga. steel
 Other _____
- Hole Pattern:** 13/16" square holes with 3/16" frets (Std.)
 3/4" x 3/4" square holes with 1/4" frets
 1/2" x 1/2" holes with 3/16" frets.
 Other _____
- Finish:** White (Std.)
 Other _____
- Other Material:** **SDE-A** all aluminum construction
 10 ga. (.100") thick face, aluminum diffuser.
 SDE-SS all stainless steel construction
 12 ga. type 304 face, stainless steel diffuser.

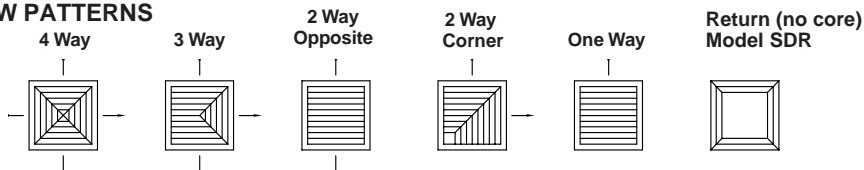
MOUNTING OPTIONS:

- 25A.** (Std) Countersunk screw holes in perimeter of face 10" o.c. with #10 x 2" long Torx security sheet metal screws. Other screw style/size/length _____
- 24.** Countersunk screw holes in perimeter of face 10" o.c. with #10-24 x 2" long Torx security machine screws for 1-1/2" maximum ceiling thickness. 1" x 1" x 1/8" steel angle frame with matching holes and foldover nuts. Other angle size _____ Other screw style/size/length _____

ACCESSORIES:

- 16F.** Face operated opposed blade damper, loose for field installation.
- SXR.** Square to round transition, loose for field installation. Advise round size _____
- EG.** Equalizing grid, loose for field installation.
- Other Options:** _____

THROW PATTERNS

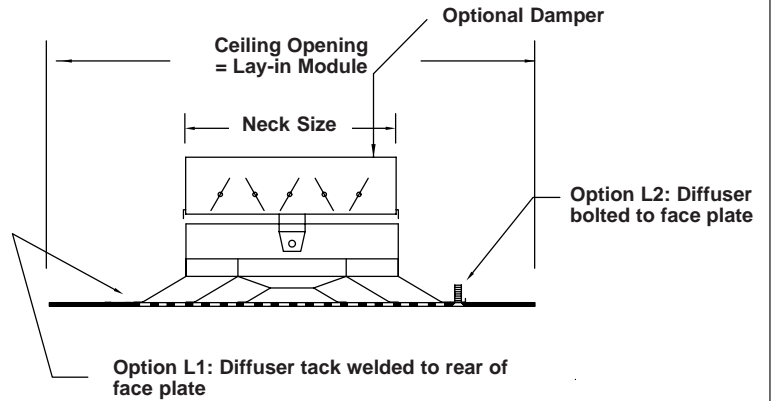
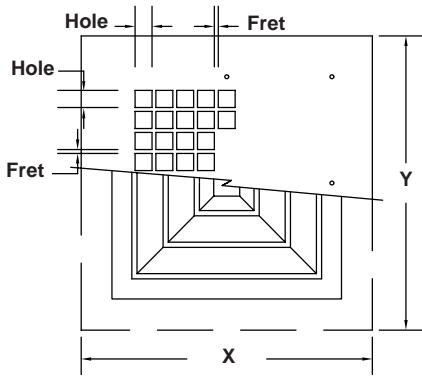


Qty.	Neck Size *	X x Y	Minimum Ceiling Opening	Throw Pattern	Accessories	Damper	Mounting Option	Tag

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Contractor	Dwg. No.	
	SDEw 03/29/06	
Representative	Date	

MODEL SDL SECURITY CEILING DIFFUSER FOR LAY-IN MOUNTING



STANDARD CONSTRUCTION

Face: 12 ga. steel.
Hole Pattern: 13/16" square holes with 3/16" frets.
Diffuser: Commercial ceiling diffuser.
 *Neck sizes are available in 3" increments only.
Finish: Two part polyurethane. White.

REQUIRED CONSTRUCTION:

- Face Material:** 12 ga. steel (Std.)
 14 ga. steel
 10 ga. steel
 Other _____
- Hole Pattern:** 13/16" square holes with 3/16" frets (Std.)
 3/4" x 3/4" square holes with 1/4" frets
 1/2" x 1/2" holes with 3/16" frets.
 Other _____
- Finish:** White (Std.)
 Other _____
- Other Material:** **SDL-A** all aluminum construction
 10 ga.(.100") thick face, aluminum diffuser.
 SDL-SS all stainless steel construction
 12 ga. type 304 face, stainless steel diffuser.

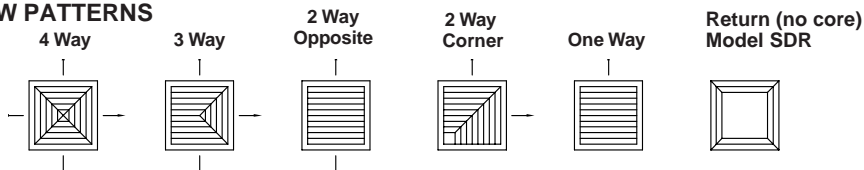
MOUNTING OPTIONS:

- L1.** Diffuser tack welded to rear of face plate. (Std)
- L2.** Diffuser attaches to face plate with countersunk screw holes in face 10" o.c. and #10-24 x 1" long Torx security machine screws threaded into nuts on rear of face plate.
 Other screw style/size/_____

ACCESSORIES:

- 16F.** Face operated opposed blade damper, loose for field installation.
- SXR.** Square to round transition, loose for field installation.
 Advise round size _____
- EG.** Equalizing grid, loose for field installation.
- Other Options:** _____

THROW PATTERNS



Qty.	Neck Size *	X x Y	Ceiling Grid Opening	Throw Pattern	Accessories	Damper	Mounting Option	Tag

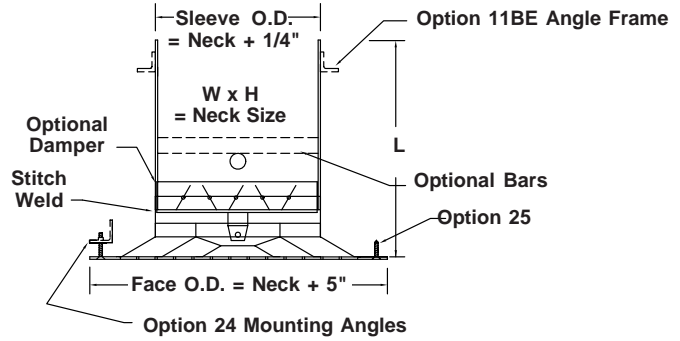
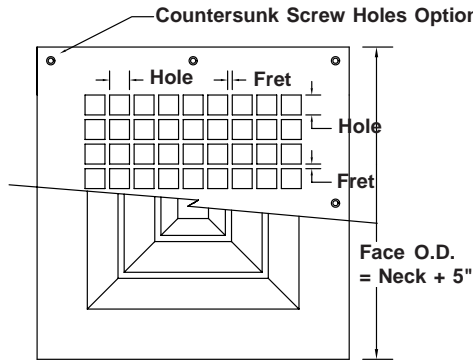
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MODEL SD-SLV1 — SECURITY CEILING DIFFUSER WITH SLEEVE



STANDARD CONSTRUCTION

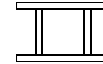
Face: 12 ga. steel plug welded to diffuser.
Hole Pattern: 13/16" square holes with 3/16" frets.
Sleeve: 12 ga. steel, with continuously welded or formed seams. Stitch welded to diffuser neck.
Diffuser: Commercial surface mount ceiling diffuser.
 *Neck sizes are available in 3" increments only.
Finish: Two part polyurethane. White.

REQUIRED CONSTRUCTION:

- Face Material:** 12 ga. steel (Std.)
 10 ga. steel
 Other _____
- Hole Pattern:** 13/16" square holes with 3/16" frets (Std.)
 3/4" x 3/4" square holes with 1/4" frets
 1/2" x 1/2" holes with 3/16" frets.
 Other _____
- Sleeve Material:** 12 ga. steel (Std.)
 10 ga. steel
 Other _____
- Finish:** White (Std.)
 Other _____

MOUNTING OPTIONS:

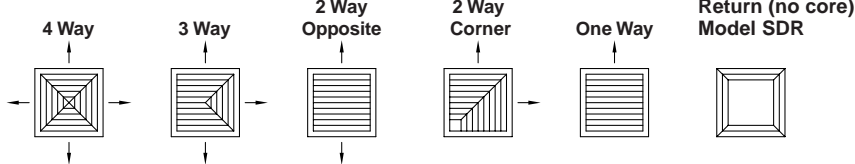
- 25A.** (Std) Countersunk screw holes in face 10" o.c. with #10 x 2" long Torx security screws. Clearance hole in diffuser for securing to structure above diffuser. Other screw style/size/length _____
- 24.** Countersunk screw holes in face 10" o.c. with #10-24 x 2" long Torx security machine screws. 1" x 1" x 1/8" steel angle frame with matching holes and foldover nuts. Other screw style/size/length _____
 Other angle size _____
- 11BE.** 1" x 1" x 1/8" angle frame with legs extended 5" on two ends. Loose for field welding to sleeve. Unpainted. Face plate is plug welded to diffuser. Other angle size _____



ACCESSORIES:

- 16F.** Face operated opposed blade damper.
- SXR.** Square to round transition, loose for field installation. Advise round size _____
- 19.** 1/2" dia. A-36 mild steel bars 6" o.c. both ways, welded to sleeve and at intersections.
- Other Options:** _____

THROW PATTERNS



Qty.	Neck Size W x H	Sleeve O.D.	Ceiling Opening	Throw Pattern	Sleeve Length L	Accessories	Damper	Mounting Option	Tag
		Neck + 1/4"	Neck + 2-1/2"						

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