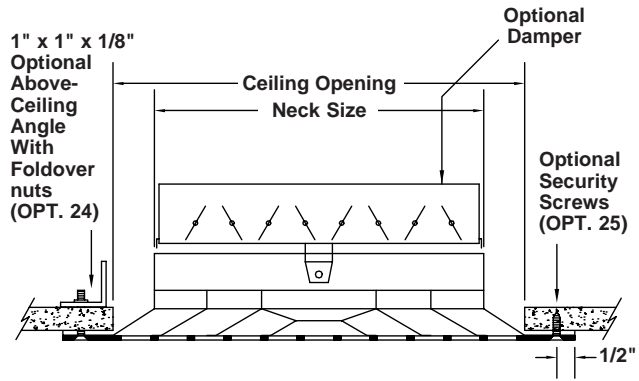
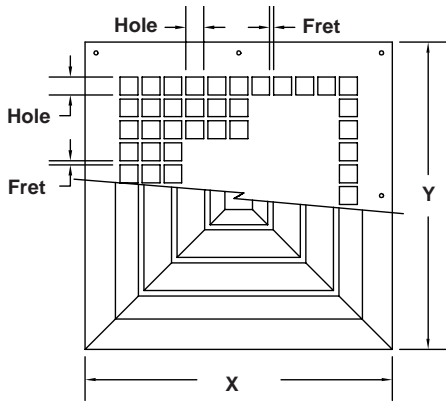


MODEL SD — SECURITY CEILING DIFFUSER




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.

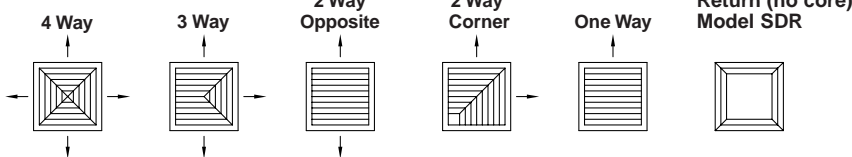
MOUNTING OPTIONS:

- 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



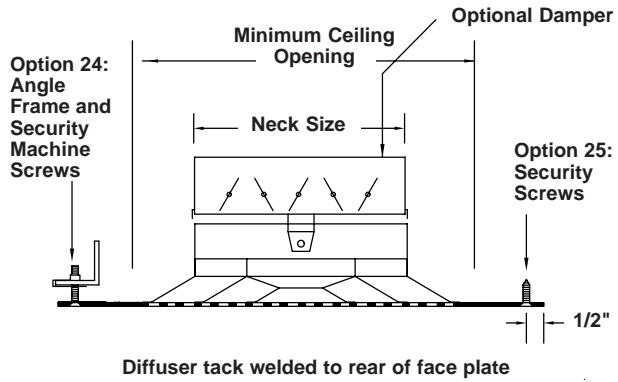
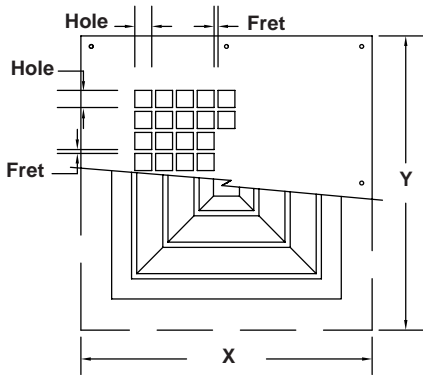
Qty.	Neck Size *	X x Y	Ceiling Opening	Throw Pattern	Accessories	Damper	Mounting Option	Tag

To maintain KEES' policy of continuous product improvement, we reserve the right to change prices, specifications, ratings or dimensions without notice or obligation.

Project		Location		
Architect / Engineer		 KEES INCORPORATED 400 S. Industrial Dr. • P.O. Box L Elkhart Lake, WI 53020 Phone: (920) 876-3391 Fax: (920) 876-3065 Website: www.kees.com		
Contractor	Dwg. No.			SDw 03/29/06
Representative	Date			

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.

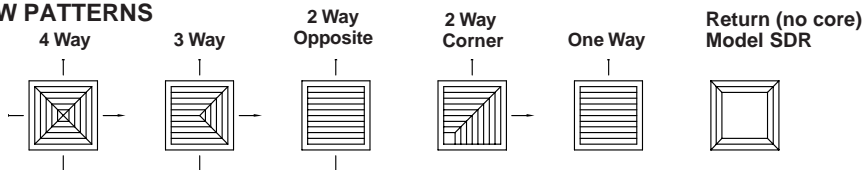
MOUNTING OPTIONS:

- 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

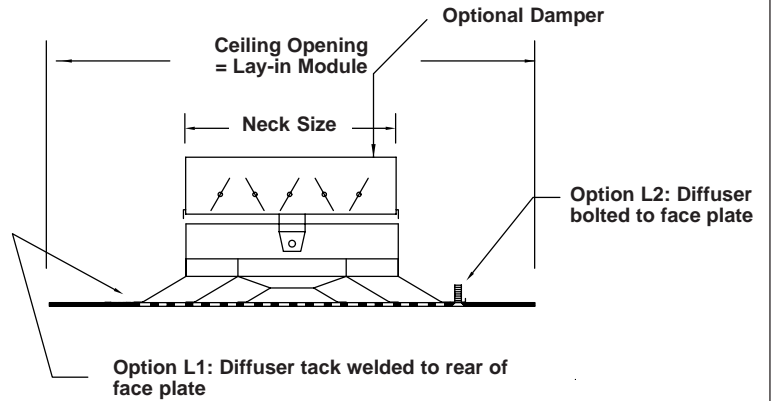
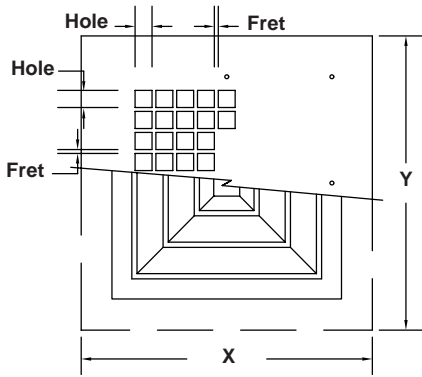


Qty.	Neck Size *	X x Y	Minimum Ceiling Opening	Throw Pattern	Accessories	Damper	Mounting Option	Tag

To maintain KEES' policy of continuous product improvement, we reserve the right to change prices, specifications, ratings or dimensions without notice or obligation.

Project			Location				
Architect / Engineer			<p>KEES INCORPORATED 400 S. Industrial Dr. • P.O. Box L Elkhart Lake, WI 53020 Phone: (920) 876-3391 Fax: (920) 876-3065 Website: www.kees.com</p>				
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.

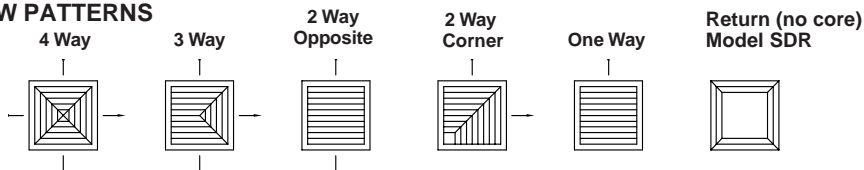
MOUNTING OPTIONS:

- 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

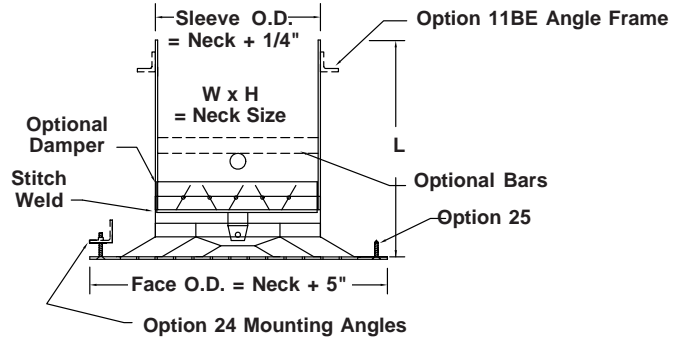
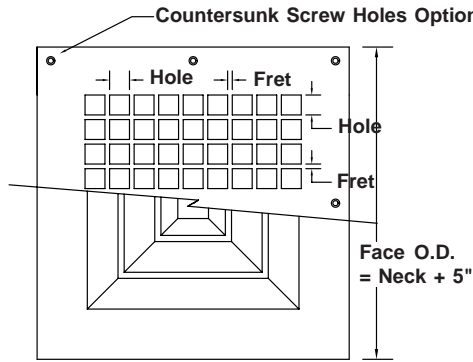


Qty.	Neck Size *	X x Y	Ceiling Grid Opening	Throw Pattern	Accessories	Damper	Mounting Option	Tag

To maintain KEESS' policy of continuous product improvement, we reserve the right to change prices, specifications, ratings or dimensions without notice or obligation.

Project		Location		 <p>KEES INCORPORATED 400 S. Industrial Dr. • P.O. Box L Elkhart Lake, WI 53020 Phone: (920) 876-3391 Fax: (920) 876-3065 Website: www.kees.com</p>
Architect / Engineer		Dwg. No.	SDLw 03/29/05	
Contractor		Date		
Representative				

MODEL SD-SLV1 — SECURITY CEILING DIFFUSER WITH SLEEVE



STANDARD CONSTRUCTION

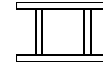
Face: 12 ga. steel plug welded to diffuser.
Hole Pattern: 13/16" square holes with 3/16" frets.
Sleeve: 12 ga. steel, with continuously welded or formed seams. Stitch welded to diffuser neck.
Diffuser: Commercial surface mount ceiling diffuser.
 *Neck sizes are available in 3" increments only.
Finish: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

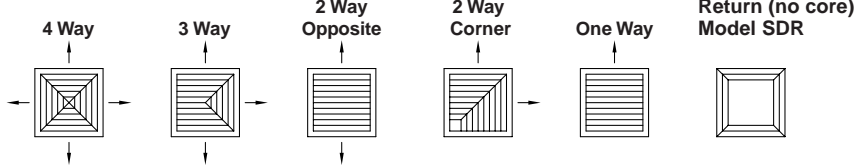
- 25A.** (Std) Countersunk screw holes in face 10" o.c. with #10 x 2" long Torx security screws. Clearance hole in diffuser for securing to structure above diffuser. Other screw style/size/length _____
- 24.** Countersunk screw holes in face 10" o.c. with #10-24 x 2" long Torx security machine screws. 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"						

To maintain KEES' policy of continuous product improvement, we reserve the right to change prices, specifications, ratings or dimensions without notice or obligation.

Project		Location	
Architect / Engineer		Contractor	
Representative		Dwg. No.	Date
		SD-SLV1w 07/16/04	



KEES INCORPORATED
 400 S. Industrial Dr. • P.O. Box L
 Elkhart Lake, WI 53020
 Phone: (920) 876-3391
 Fax: (920) 876-3065
 Website: www.kees.com