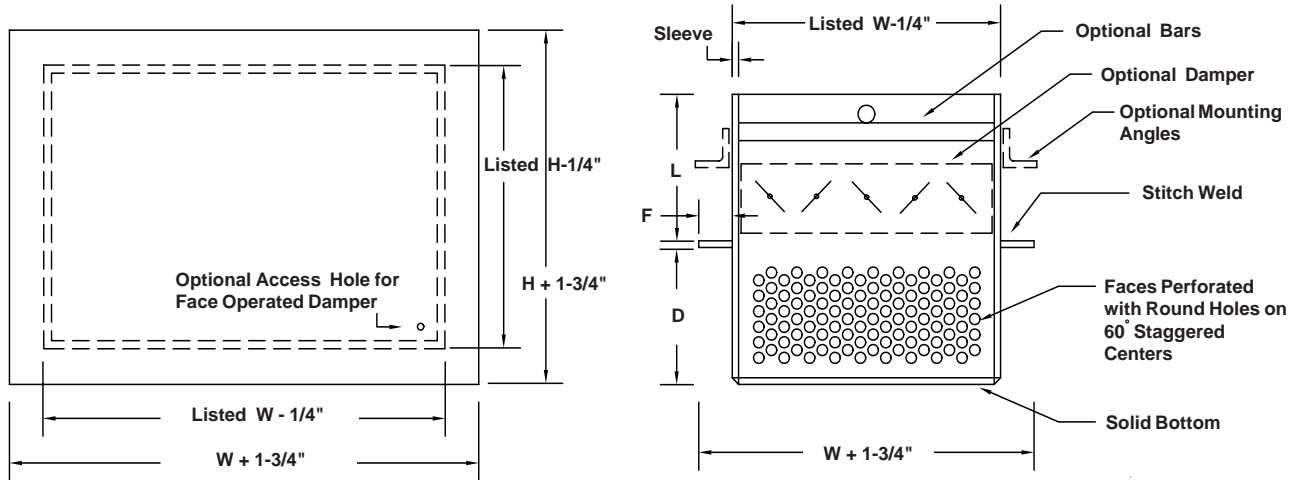


# SEG-15 SECURITY GRILLE – SUPPLY OR RETURN



### STANDARD CONSTRUCTION

**Face/Sleeve:** 3/16" steel with continuously welded or formed seams. 1" face flange.  
**Hole Pattern:** Four sides perforated with 5/16" diameter holes on 7/16" staggered centers.  
**Bottom:** Same material as face, continuously welded to sleeve.  
**Finish:** Two part polyurethane inside and out. White.

### REQUIRED CONSTRUCTION:

- Face/Sleeve Material:**
- 3/16" steel (Std.)
  - 10 ga. steel
  - 12 ga. steel
  - Other \_\_\_\_\_
- Hole Pattern:**
- 5/16" dia. holes on 7/16" centers (Std.)
  - 1/4" dia. holes on 3/8" centers
  - Other \_\_\_\_\_
- Flange "F":**
- 1" (Std.)
  - Other \_\_\_\_\_
- Finish:**
- White (Std.)
  - Other \_\_\_\_\_
- Other Material:**
- SEG-15A** all aluminum construction 3/16" or 1/8" thick.
  - SEG-15SS** all stainless steel construction 10 ga. type 304.

### MOUNTING OPTIONS:

- 11A.** Two loose pieces of 1" x 1" x 3/16" mill finish steel angle loose for field welding. Length equal to longest side of grille. Other angle size \_\_\_\_\_
- 11B.** Rear angle frame of 1" x 1" x 3/16" mill finish steel completely assembled for field welding. Other angle size \_\_\_\_\_
- 12A.** Rear angle frame for bolting to sleeve. 1" x 1" x 3/16" steel with bolt holes 8" o.c. for 1/4" dia. bolts. No holes in sleeve. No bolts, nuts or washers. Other angle size \_\_\_\_\_
- 12B.** Rear angle frame for bolting to sleeve. 1" x 1" x 3/16" steel with bolt holes in sleeve and frame 8" o.c. for 1/4" dia. bolts. No bolts, nuts or washers. (Advise wall or ceiling thickness). Other angle size \_\_\_\_\_
- 23.** Masonry anchors: 1/2" x 3" anchors 16" o.c., one per side minimum, welded to sleeve exterior. Other size or spacing \_\_\_\_\_
- 24.** Countersunk screw holes in face 10" o.c. with #10-24 x 2" long Torx security machine screws for maximum 1-1/2" ceiling thickness. 1" x 1" x 1/8" steel angle frame with matching holes and foldover nuts. Requires 1-1/2" flange.
- 25.** Countersunk screw holes in face 10" o.c. with #10 x 1-1/2" long Torx security sheet metal screws. Other screw length \_\_\_\_\_

### ACCESSORIES:

- 16F.** Face operated opposed blade damper tack welded into sleeve. Requires access hole in bottom.
- 16R.** Rear operated opposed blade damper tack welded into sleeve.
- 19.** 3/4" dia. hot rolled steel security bars 6" o.c. both ways, welded to sleeve and at intersections.
- Other:** \_\_\_\_\_

Qty.	Listed Size		Sleeve O.D.		Masonry Opening		Face Drop D	Sleeve Length L	Ceiling Thickness	Accessories	Mounting Option	Tag
	W	H	W	H	W	H						

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

<b>Project</b>				<b>Location</b>			
<b>Architect / Engineer</b>				<b>KEES INCORPORATED</b> 400 S. Industrial Dr. Elkhart Lake, WI 53020 Phone: (920) 876-3391 Fax: (920) 876-3065 Website: www.kees.com			
<b>Contractor</b>			<b>Dwg. No.</b>				
<b>Representative</b>			<b>Date</b>				