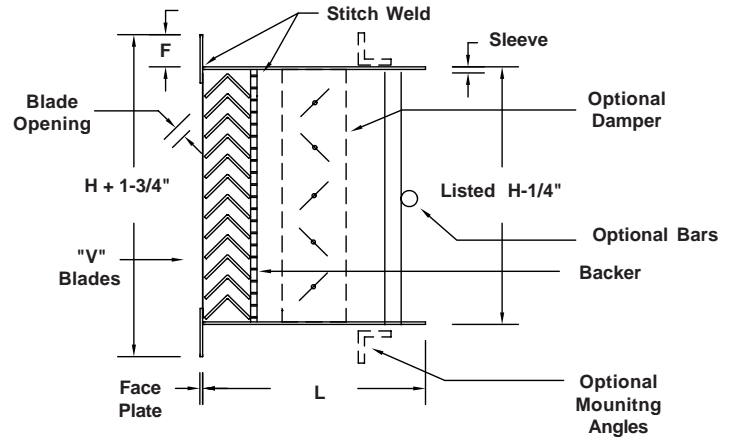
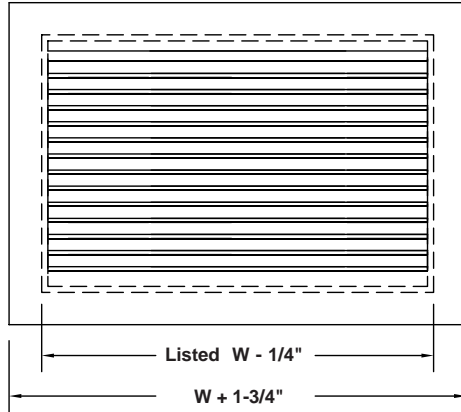


SEC-13RR RISK RESISTANT SECURITY GRILLE



STANDARD CONSTRUCTION

Face: 12 ga. steel stitch welded to sleeve. 1" face flange.
Blades: 12 ga. steel "V" blades on 3/16" openings. Blades are welded to sleeve.
Perforated backer: 11ga. steel with 1/8" dia. holes on 3/16" staggered centers.
Sleeve: 12 ga. steel with continuously welded or formed seams.
Finish: Two part polyurethane inside and out. White.

REQUIRED CONSTRUCTION:

Face Material: ☐ 12 ga. steel (Std.)
☐ Other _____

Blade Material: ☐ 12 ga. steel (Std.)
☐ Other _____

Blade Opening: ☐ 3/16" (Std.)
☐ 3/8"
☐ 1/8"
☐ Other _____

Flange "F": ☐ 1" (Std.)
☐ Other _____

Sleeve Material: ☐ 12 ga. steel (Std.)
☐ Other _____

Finish: ☐ White (Std.)
☐ Other _____

Other Material: ☐ SEC-13RRA all aluminum construction.

☐ SEC-13RRSS all stainless steel construction

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 1-1/2" maximum 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:

- ☐ **16R.** Rear operated opposed blade damper tack welded into sleeve.
- ☐ **19.** 1/2" dia. A-36 mild steel security bars 6" o.c. both ways, welded to sleeve and at intersections.
- ☐ **Other:** _____

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

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

Project		Location	
Architect / Engineer		Dwg. No. SEC-13RRw 06/15/06	
Contractor		Date	
Representative			

AI MFG
 3601 East 18th Street
 Kansas City, MO 64127
 PH: (816) 231-5522
 Fax: (816) 231-8437