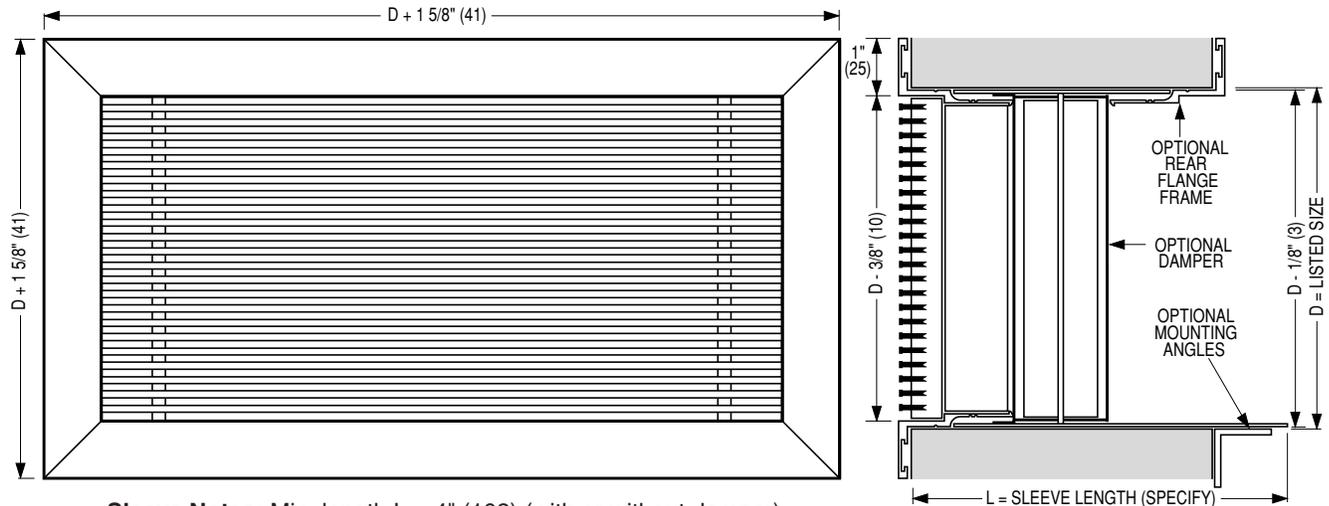




**MINIMUM SECURITY GRILLES AND REGISTERS**  
**ALUMINUM CONSTRUCTION • SUPPLY OR RETURN • FIXED BARS 0° DEFLECTION**  
**MODEL: SG-480 (1/4" (6) SPACING)**



**Sleeve Notes:** Min. length L = 4" (102) (with or without damper).  
 For rear wall flange option – L = wall thickness.  
 For mounting angle option – L = wall thickness + 2" (51).

**Model SG-480 shown**

**Models SG-280 and 480** are all aluminum minimum security grilles. Rust-proof construction makes these models ideal for use in showers and wet areas where they are constantly exposed to humid conditions. Models have fixed 1/8" (3) thick, extruded horizontal bars on 1/4" or 1/2" (6 or 13) centers. They are fixed at 0° deflection and are individually welded to their cross-bar spacers, which in turn are supported by heavy duty extruded aluminum members welded to the grille frame. This grille is securely fastened with a heavy gauge aluminum sleeve welded to the grille frame which passes through the wall. Mounted correctly it passes completely through the wall and is fastened with an optional extruded aluminum wall flange on the reverse side.

**STANDARD CONSTRUCTION:**

- Frame: Heavy gauge extruded aluminum with welded mitered corners.
- Bars: 1/8" (3) thick extruded aluminum on 1/4" (6) or 1/2" (13) centers, welded to cross-bars and supported by 1 1/8" x 3/8" (29 x 10) heavy duty extruded support members on maximum 6" (152) centers welded to frame.
- Sleeve: 10 gauge aluminum welded to frame. Length as specified to suit wall thickness.
- Standard finish is AW Appliance White. Other finishes are available.
- Available in sizes 6" x 6" (152 x 152) through 36" x 36" (914 x 914) in single piece construction.

**OPTIONS:**

- Rear wall flange. Same construction as grille frame. Shipped loose to be field welded to sleeve.
- Mounting angles: Option A, B or C. See SG-OPTION-1.
- Opposed Blade Damper: Option G. Face operator (screwdriver slot or lever). Option J. Rear operator (screwdriver slot).

<b>SCHEDULE TYPE:</b>		Dimensions are in inches (mm).			
<b>PROJECT:</b>					
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>	
<b>CONTRACTOR:</b>	7 - 1 - 06	SG	NEW	SG-480	