

## 13SD Suggested Specification & Configuration

- 1. SERIES: (XXXX)**  
13SD - Steel Suicide Deterrent Security Supply Grille
- 2. WIDTH: (XX)**  
6" - 30" in 2" Increments or 9" \*
- 3. HEIGHT: (XX)**  
4" - 30" in 2" Increments or 9" \*
- 4. SLEEVE LENGTH: (XX)**  
6", 8", 10", 12", 14", 16", or 18"
- 5. DAMPER: (XX)**  
00 - No Damper  
3R - Rear Operated Steel OBD \*\*
- 6. ACCESSORIES: (XX) (XX)**  
00 - No Accessories  
0L - Angle Frame Shipped Unpainted and Loose for Field Installation  
01 - Security Bars, 3/4" Diameter Round Steel Bar on 6" Centers  
02 - Anchor Bars, 3/4" Diameter x 3" Long  
07 - Two Loose Angles, Shipped Separately for Field Installation
- 7. FINISH: (XX)**  
01 - Mill  
44 - British White

\* If selecting 9" width, height must also be 9".

\*\* Damper welded in sleeve.

### 13SD

The suicide deterrent maximum security grille shall be a Krueger model 13SD. The face of the suicide deterrent maximum security grille shall have 3/16" diameter holes on 9/32" staggered centers with 40% free area and be constructed of 3/16" thick steel. The sleeve shall be 3/16" thick and stitch welded to the face of the maximum security grille and along the entire length of the sleeve.

### PERFORMANCE

The manufacturer shall provide published (printed or electronic) performance data for the diffuser. Performance data shall include 2 - 7 octave band sound power levels. The diffuser shall be tested in accordance to the data standards at the time of product introduction or ANSI/ASHRAE Standard 70.

### FINISH

The paint finish shall be #44 British White and be an anodic acrylic paint, baked at 315°F for 30 minutes. The paint thickness shall be 0.8 – 1.0 mils, gloss at 60° per ASTM D523-89 of 50 – 85%, pencil hardness per ASTM D3363-92A of HB – H, crosshatch adhesion per ASTM D3359-83 of 4B – 5B, impact per ASTM D2794-93 of direct impact >100 in/lb and reverse impact >80 in/lb, salt spray per ASTM B117-9048 of 96 hours, humidity per ASTM D2247-92 of >500 hours and water soak per ASTM D870-92 of 250 hours.