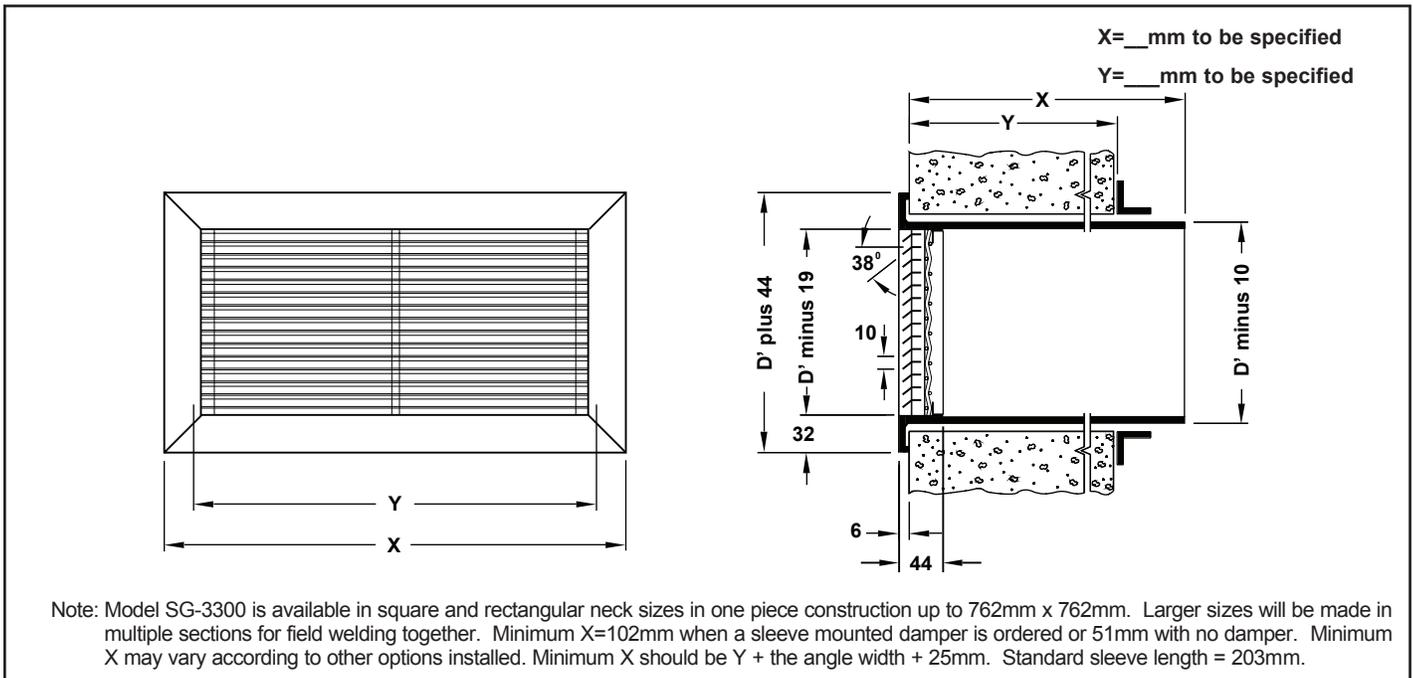


## Medium/Minimum Security Grilles and Registers Steel • Fixed Bars

- Models:  **MSG-3300RL** • 38° Deflection • Long Blade Orientation • 10mm Spacing  
 **MSG-3300RS** • 38° Deflection • Short Blade Orientation • 10mm Spacing  
 **MSG-3300ZRL** • 0° Deflection • Long Blade Orientation • 10mm Spacing  
 **MSG-3300ZRL** • 0° Deflection • Long Blade Orientation • 10mm Spacing



### Mounting Options

<p><b>Mounting Style</b></p> <p><input type="checkbox"/> 2 Angles shipped loose for field welding</p> <p><input type="checkbox"/> 4 Angles shipped loose for field welding</p> <p><input type="checkbox"/> Angle frame shipped loose for field welding</p> <p><input type="checkbox"/> 2 Angles bolted to sleeve</p> <p><input type="checkbox"/> 13mm diameter steel anchor bars 76mm long on maximum 203mm centers</p> <p><input type="checkbox"/> Other _____</p>	<p><b>Angle Size</b></p> <p><input type="checkbox"/> 25mm X 25mm X 5mm</p> <p><input type="checkbox"/> 38mm X 38mm X 3mm</p> <p><input type="checkbox"/> 38mm X 38mm X 5mm</p> <p><input type="checkbox"/> 51mm X 51mm X 3mm</p> <p><input type="checkbox"/> 51mm X 51mm X 5mm</p> <p><input type="checkbox"/> 51mm X 51mm X 6mm</p> <p><input type="checkbox"/> Other _____</p>
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## Options & Accessories

### Optional Sleeve Barriers      Finishes

<input type="checkbox"/> <b>Steel Security Bars</b> <input type="checkbox"/> 13mm Diameter <input type="checkbox"/> 19mm Diameter <input type="checkbox"/> <b>Spacing</b> <input type="checkbox"/> 152mm on center <input type="checkbox"/> 102mm on center <input type="checkbox"/> Other _____	<input type="checkbox"/> #26 White (Standard) <input type="checkbox"/> #04 Mill <input type="checkbox"/> #20 Envirotherm • Enamel to match sample <input type="checkbox"/> #21 Envirothane • Epoxy to match sample <input type="checkbox"/> Other _____
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### Miscellaneous Options

<input type="checkbox"/> Face-operated steel opposed blade damper (lever operated only) <input type="checkbox"/> Rear-operated steel opposed blade <input type="checkbox"/> Other _____
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### General Description

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• TITUS® model SG-3300 is a medium or minimum security grille for sidewall application. Heavy gauge steel louvers reinforced and welded to a steel sleeve that extends through the wall, makes this an exceptionally strong bar type grille.

#### Construction Detail

- Border: 16 gauge steel frame with mitered corners and welded corner reinforcing.
- Louvers: 14 gauge steel louvers on 10mm centers penetrating through the sleeve and wire welded at both ends. Each louver is reinforced by interlocking support bars spaced on 152mm centers.
- Sleeve: 14 gauge steel sleeve welded to the grille frame; length to be specified.
- Steel mesh screen: 10 gauge, 10mm woven steel screen located behind the louvers and secured by steel angles welded in position.
- All welded construction.

**Standard Finish: #26 White**



Note: This submittal is meant to demonstrate general dimensions of this product. The drawing on this submittal are not meant to detail every aspect of the product with exactness. Drawings are not to scale. TITUS reserves the right to make changes without written notice.

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MSG-9.0-S