

800, 5800 Suggested Specification & Configuration

800, 5800

The supply grille shall be a Krueger model 800 (steel) or 5800 (aluminum). This grille must have individually adjustable blades on 3/4" centers with friction pivots (plastic blade pivots are not acceptable) made of 22 gage steel (800) or 0.025" aluminum (5800). The supply grille must also have a lever accessible at the face of the grille to adjust a set of rear gang operated blades. The frame of the grille must be constructed of 22 gage steel (800) or 0.051" aluminum (5800) and countersunk screw holes. This frame must also produce a border of 1 1/4" around all sides of the grille with mitered corners.

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.

1. SERIES: (XXXX)

- 800 - Single Deflection, 3/4" Spacing,
MultiLouver, Steel Sidewall Register
- 5800 - Single Deflection, 3/4" Spacing,
MultiLouver, Aluminum Sidewall Register

2. PATTERN: (X)

- H - Horizontal Front Blades
- V - Vertical Front Blades

3. WIDTH: (XX)

- 6" - 48" in 2" Increments

4. HEIGHT: (XX)

- 4" - 36" in 2" Increments

5. FRAME: (XXX)

- F22 - Surface Mount
- F23 - Lay-in T-Bar

6. PANEL: (XX)x(XX) *

- NONE
- 12"x24"
- 24"x24" **
- 24"x48"

7. FASTENING METHOD: (XX)

- 00 - No Screw Holes
- 01 - Standard Screw Holes

8. ACCESSORIES: (XX)

- 00 - No Accessories
- 01 - Plaster Frame

9. FINISH: (XX)

- 01 - Mill
- 10 - Alumican
- 35 - Black
- 44 - British White

* Minimum of 4" difference required between neck and panel size.

** 24"x24" Panel size is the only size available for model 800.

SAMPLE CONFIGURATION: 800 - H - 10x12 - F22 - NONE - 01 - 01 - 35