

1700 Suggested Specification & Configuration
1. SERIES: (XXXX)

1700 - Aluminum Linear Louver Grille

2. LENGTH: (XXX.XXX)

6" - 999" in 1/16" increments

3. WIDTH: (XX.XX)
1-WAY

3 1/2" 8 3/4"

4 1/4" 9 1/2"

5" 10 1/4"

5 3/4" 11"

6 1/2" 11 3/4"

7 1/4" 12 1/2"

8"

2-WAY

6 1/4"

7 3/4"

9 1/4"

10 3/4"

12 1/4"

4. DEFLECTION: (XX)

01 - 1-Way Blow

02 - 2-Way Blow

5. FRAME: (XX)

LA - 1"

LB - 1/2"

6. END BORDER: (X)

0 - End Cap Both Sides

B - Both Ends Butt Cut

L - Left End Butt Cut

R - Right End Butt Cut

7. DAMPER: (XX)

00 - No Damper

01 - Steel LOBD

15 - Aluminum LOBD

8. ACCESSORIES: (X) (X)

0 - No Accessories

B - Blank-off Strip

L - Linear Straightening Grid

9. FINISH: (XX) *

01 - Mill

10 - Alumican

35 - Black

44 - British White

Lengths greater than 72" are in multiple sections.
** Clear and Bronze anodizing available.*
1700

The linear louver grille shall be Krueger model 1701 (1-way) or 1702 (2-way) and be constructed of extruded aluminum with the maximum single length of 72". Units longer than 72" shall be provided in multiple sections.

The extruded aluminum deflectors that make the linear louver core shall be locked together to make a one piece core. The core shall be removable from the extruded aluminum frame for easy installation.

Optional linear opposed blade damper (LOBD) shall be constructed of heavy gage steel (aluminum also available as 5LOBD). Damper shall be operable from the face of the grille.

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.