



Series 2000 – Specifications

- 1" Border, 7/32" Bars, 1/2" Centers - Model 2000**
- 1/2" Border, 7/32" Bars, 1/2" Centers - Model 2100**
- 1" Border, 1/8" Bars, 1/4" Centers - Model 2300**
- 1/2" Border, 1/8" Bars, 1/4" Centers - Model 2400**

Air outlets shall be Series 2000 extruded aluminum linear bar grilles manufactured by METALAIRE®. Units shall be designed specifically for sidewall or ceiling applications and be constructed from heavy gauge extruded aluminum. The units shall be the size and quantity as outlined in the plans and specifications.

Deflection bars shall be 0°, 15° or 30° as detailed. Face bars shall be (1/8" or 7/32") wide on (1/4" or 1/2") centers and shall be permanently fixed in position. Borders shall be (1" or 1/2") wide. Auxiliary sub frames shall be furnished as required to fit the wall or ceiling system.

Bar Grilles and Registers shall be furnished with positive holding concealed mounting systems as required. Units shall be furnished in one piece up to 6 feet in length. Continuous sections shall butt together with hairline joints and be provided with interlocking alignment splines. Borders shall be mechanically fastened to provide a neat hairline corner.

Floor Applications

- 1" Border, 7/32" Bars, 1/2" Centers - Model 2000F**
- 3/16" Border, 7/32" Bars, 1/2" Centers (*Not available for continuous runs) - Model 2200F**

Air outlets shall be Series 2000 extruded aluminum linear bar grilles manufactured by METALAIRE®. Units shall be designed specifically for floor applications and be constructed from heavy gauge extruded aluminum. The units shall be the size and quantity as outlined in the plans and specifications.

Deflection bars shall be 0°, 15°, or 30° as detailed.

Cores shall be removable and shall be held in place by coated steel retaining clips. Face bars shall be a minimum of 7/32" thick. Grille Borders shall be (3/16" or 1") inch wide with 3/16" wide bars. Units shall be specially reinforced for floor installation with 1/8" by 11/16" inch support brackets. Units shall be furnished in one piece up to 6 feet in length. Continuous sections* shall butt together with hairline joints and be provided with interlocking alignment splines. Bar Grille borders shall be mitered and mechanically fastened to provide a neat hairline corner.

Pencil Proof Floor

- 1" Border, 17/64" Bars, 1/2" Centers - Model 2000FP**
- 3/16" Border, 17/64" Bars, 1/2" Centers (*Not available for continuous runs) - Model 2200FP**

Air outlets shall be Series 2000 extruded aluminum linear bar grilles manufactured by METALAIRE®. Units shall be designed specifically for pencil proof applications and be constructed from heavy gauge extruded aluminum. The units shall be the size and quantity as outlined in the plans and specifications.

Deflection bars shall be 0°, 15° or 30° as detailed. Face bars shall be 17/64" wide on 1/2" centers and shall be permanently fixed in position. Borders shall be (1" or 3/16") wide as specified.

Bar Grilles and Registers shall be furnished with positive holding concealed mounting systems as required. Grille and Register sections shall be furnished in one piece up to 6 feet in length. Continuous Grille sections shall butt together with hairline joints and shall be provided with interlocking alignment splines. Bar Grille borders shall be mechanically fastened to provide a neat hairline corner.

Cores shall be removable and shall be held in place by coated steel retaining clips. Grilles and Registers shall be specially reinforced for floor or sill installation with 1/8 inch by 11/16 inch support brackets. Units shall be furnished in one piece up to 6 feet in length. Continuous sections* shall butt together with hairline joints and be provided with interlocking alignment splines. Borders shall be mitered and mechanically fastened to provide a neat hairline corner.

Optional Accessories

Opposed blade volume control dampers, extractors, and equalizing grids shall be furnished behind active supply sections.

Opposed blade volume control dampers shall be furnished behind return sections as required.

Debris screens shall be furnished behind active and return sections as required.

Performance Specification

The manufacturer shall provide published performance data. Data shall be tested in accordance to ANSI/ASHRAE Standard 70-2006.