

METALAIRE™

Series L – Specifications

Supply - Curved Blade Grilles – Aluminum/Model L – Long Blades/Model S – Short Blades

Air Outlets shall be model L (long blades) or S (short blades) manufactured by METALAIRE®. Units shall be curved blade supply grilles of aluminum construction and with an extruded aluminum border and curved deflection blades.

Rear Deflection Blades (Optional)

Outlets shall include rear deflection blades adjustable from the face (1-way model LV-1 or SV-1 or 2-way model LTV-1 or STH-1). Units shall be available in 1, 2, 3, or 4 way directional patterns. Pattern shall be adjustable from full horizontal to vertical. The units shall be the size and quantity as outlined in the plans and specifications. Border shall be 1 1/4" wide with aerodynamically shaped deflector blades on .9" center. Deflector blades shall be individually adjustable. Units shall be designed for surface mounting applications and be provided with screw holes on the face of the device. Blades shall pivot in friction mounting retainers. Retainers shall hold the deflector blade position throughout the specified operating range of the device. Metal friction wires are not acceptable.

Damper Accessories (Optional)

1. Optional opposed blade damper shall be constructed of steel (Model OBD) or aluminum (Model OBDA).
1. Damper must be operable from the face of the diffuser.
2. An integral multi-shutter damper shall be provided. Damper shall be operated from the face of the diffuser.
3. An integral multi-shutter damper shall be provided (1-way model LMH-1 or 2-way opposite model LTMH-1). Damper handle shall protrude through the border of the grille.

Performance Specification

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