Suggested Specification

Curved Border Drum Louver

Model:

S-DL & S-DL-SV

Supply grilles shall be TITUS Model S-DL for the mounting type and sizes as shown on the plans and outlet schedule. Outer borders shall be 1¼ inches wide and shall be constructed of heavy gauge extruded aluminum. Outer borders shall be curved to match the specified duct diameter. Corners of the border shall be welded and ground smooth so as to show no visible miter joint.

Screw mounting holes shall be countersunk for a neat appearance. Drum shall be constructed of heavy gauge extruded aluminum and shall rotate a minimum of 25° up and down from center line of the diffuser. Heavy extruded aluminum blades shall be individually adjustable. A split vane option shall be available for flexibility in directing air patterns and shortening throw if required.

Optional opposed-blade volume damper shall be constructed of heavy gauge steel. Damper must be operable from the face of the grille. An optional air scoop extractor shall also be available as an option.

The grille finish shall be #26 white. The finish shall be an anodic acrylic paint, baked at 315°F for 30 minutes. The pencil hardness must be HB to H. The paint must pass a 100-hour ASTM B117 Corrosive Environments Salt Spray Test without creepage, blistering or deterioration of film. The paint must pass a 250-hour ASTM D870 Water Immersion Test. The paint must also pass the ASTM D2794 Reverse Impact Cracking Test with a 50-inch pound force applied.

The manufacturer shall provide published performance data for the grille. The grille shall be tested in accordance with ANSI/ASHRAE Standard 70.