

**Suggested Division
15 Specification
Architectural
Diffusers**

Round Plaque

**Model:
R-OMNI**

Architectural round plaque ceiling diffusers shall be the Titus Model R-Omni of the sizes and mounting types shown on the plans and outlet schedule. Round outer cone shall be constructed of 18 gauge steel and heavy gauge aluminum plaque face. The exposed surface of the plaque shall be smooth and flat. The airflow discharge pattern shall be field adjusted from horizontal to vertical by repositioning the plaque assembly using the adjusting screws. The plaque assembly shall be constructed as a single inner assembly and must be easily removable using a spring lock mechanism.

Optional round damper shall be constructed of heavy gauge steel. Damper must be operable from behind the removeable plaque. A retainer cable shall be provided to allow the plaque assembly to hang during maintenance of diffusers.

The finish shall be #26 white. The finish shall be an anodic acrylic paint, baked at 315°F for 30 minutes. The pencil harness must be HB to H. The paint must pass a 100 hour ASTM D117 Corrosive Environments Salt Spray Testing without creepage, blistering, or deterioration of film. The paint must also pass the ASTM D-2794 Reverse Impact Cracking Test with a 50 inch pound force applied. The manufacturer shall provide published performance data for the round diffuser. The diffuser shall be tested in accordance with ANSI/ASHRAE Standard 70-1991.

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Diffusers

Model Number Specifications

