

# RM2PLQ, RM4PLQ

Round Diffusers, Center Plaque



## ENGINEERING SPECIFICATION & CONFIGURATION

### RM2PLQ, RM4PLQ

The architectural round ceiling diffuser shall be Krueger model RM2PLQ. The removable plaque core shall be supported by a safety cable to provide ease of installation and maintenance for all neck sizes. The center plaque assembly shall be adjustable to provide three different discharge settings from horizontal to vertical and easily removable using a spring locking mechanism. The center plaque assembly shall be supported by a safety cable to provide ease of installation and maintenance. Round outer cone shall be constructed of 18 gauge steel and a heavy gauge aluminum plaque face.

An optional deep, one piece outer cone shall be available for the enhancement to the anti-smudge characteristics (RM4PLQ).

### PERFORMANCE

The manufacturer shall provide published (printed or electronic) performance data for the diffuser. 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.

### 1. SERIES: (XXXXXX)

RM2PLQ - Steel, Round Diffuser  
with Aluminum Plaque

RM4PLQ - Steel, Round Anti-Smudge Diffuser  
with Aluminum Plaque

### 2. INLET: (XX)

6" - 14" in 2" Increments

### 3. DAMPER: (XX)

00 - NONE  
04 - PRD10  
06 - PR12

### 4. ACCESSORIES: (X)

0 - No Accessories  
R - Round Straightening Grid

### 5. FINISH: (XX)

01 - Mill  
10 - Alumican  
35 - Black  
44 - British White

SAMPLE CONFIGURATION: RM2PLQ - 12 - 00 - 0 - 44