

# 6790, 56790

Diffuser | Perforated, Return Panel



## ENGINEERING SPECIFICATION & CONFIGURATION

### 6790, 56790

The perforated return panel shall be Krueger model 6790 (steel perforated panel) or 56790 (aluminum perforated panel). The panel shall have a perforated face with 3/16" diameter holes on 1/4" centers resulting in a 51% free area.

The return diffuser shall match the Krueger 6000 series diffusers in appearance.

### PERFORMANCE

The manufacturer shall provide published (printed or electronic) performance data for the diffuser. Performance data shall include 2 - 7 octave band sound power levels. 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: (XXXXX)

6790 - Non-Ducted, Perforated Steel Return Panel

56790 - Non-Ducted, Perforated Aluminum Return Panel

### 2. FRAME: (XXX)

F23 - Lay-in T-Bar

F30 - Drop Face

F98 - Narrow-T

### 3. PANEL: (XX)x(XX)

12"x12"

12"x24"

12"x48"

16"x16" \*

20"x20" \*

24"x24"

24"x48"

### 4. FINISH: (XX)

01 - Mill

10 - Alumican

35 - Black

44 - British White

\* Size only available for model 6790.

SAMPLE CONFIGURATION: 6790 - F23 - 24x48 - 44