

6790, 56790 (Return) Suggested 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.

PERFORATED FACE DIFFUSERS

6
7
9
0
-
5
6
7
9
0

SAMPLE CONFIGURATION: 6790 - F23 - 24x48 - 44