1240, 51240 SERIES

Diffuser | Modular Core

KRUEGER

ENGINEERING SPECIFICATION & CONFIGURATION

1240, 51240
The modular core diffuser shall be Krueger model 1240 (steel) or 51240 (aluminum). The 1240 and 51240 models shall have a tapered backpan resulting in a square neck. The core of the diffuser shall be made up of 4 independent fixed blade modules that can be easily removed without the use of special tools for 1-, 2-, 3-, or 4-way discharge air pattern adjustments or damper access.

Optional opposed blade damper (OBD1240) shall be constructed of heavy gage steel. Damper shall be operable from the face of the diffuser.

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)
1240 - Steel, Modular Core Diffuser
51240 - Aluminum, Modular Core Diffuser

2. WIDTH: SQUARE NECK ONLY (XX) *
6” - 24” in 2” Increments

3. HEIGHT: SQUARE NECK ONLY (XX) *
6” - 24” in 2” Increments

4. FRAME: (XXX)
F21 - Surface Mount - Beveled
F22 - Surface Mount - Flat
F23 - Lay-in T-Bar
F29 - Camlock
F30 - Drop Face
F98 - Narrow-T

5. PANEL: (XX)x(XX)
NONE
24”x24 ”

6. FINISH: (XX)
01 - Mill
10 - Alumican
35 - Black
44 - British White

Damper not included in configuration code.
* Neck Sizes of 22” and 24” are only available for Frame 21 and Frame 22.

SAMPLE CONFIGURATION: 1240 - 14x14 - F21 - NONE - 44