

1340 Suggested Specification & Configuration**1340**

The minimum security diffuser shall be a Krueger model 1340 providing a fixed horizontal discharge air pattern. These diffusers shall have a square or rectangular neck. The square or rectangular neck shall be an integral part of the backpan and a square-to-round adapter will be an available option to accommodate round duct connections. The diffuser shall have an easily removable core with fixed louvers in 1, 2, 3, or 4-way configurations. The face of the 1340 shall be covered with a 12 gage steel plate with 13/16" square holes with 3/16" frets and have screw holes in the face for surface mounting. Tamper-proof screws are to be provided by others according to structural requirements.

Optional heavy gage steel opposed blade damper available.

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: (XXXX)**
1340 - Lattice Face Plate, Steel Security Diffuser
- 2. PATTERN: (XX)**
 - 1 - 1-Way
 - 2 - 2-Way
 - D2 - 2-Way Diagonal
 - 3 - 3-Way
 - 4 - 4-Way
- 3. WIDTH: (XX)**
6" - 24" in 3" Increments
- 4. HEIGHT: (XX)**
6" - 24" in 3" Increments
- 5. DAMPER: (XX)**
 - 00 - No Damper
 - 02 - Duct Mounted OBD
- 6. FINISH: (XX)**
 - 01 - Mill
 - 44 - British White

* Security screws supplied by others.