

ENGINEERING SPECIFICATION & CONFIGURATION

DMDR

The industrial supply drum louver shall be a Krueger model DMDR. The DMDR shall be designed to be installed directly to spiral or round duct work without the use of costly transition taps. The frame shall have screw holes. The louver vanes shall be a heavy gage aluminum and fully adjustable. The drum shall be heavy gage aluminum and able to rotate a minimum of 30° up or down from the centerline of the frame.

Optional damper/extractor shall be available and made of plate aluminum and be operable from the face of the drum louver. The damper/extractor, once adjusted, must keep the setting through the operating range of the drum louver as determined by catalog performance data.

PERFORMANCE

The manufacturer shall provide published 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: (XXX)

DMDR - Duct Mounted Drum Louver
with Radiused End Caps

2. WIDTH: (XX)

9", 10", 12", 14", 16", 18", 24", 30", 32",
34", 35", 36", 40", 42", 48", 50" and 60"

3. HEIGHT: (XX)

4", 6", 8", 10", 12" or 15"

4. DUCT DIAMETER: (XX)

8" to 48" (in 2" increments)

5. BORDER: (XXX)

C22 - Curved Surface Mount Frame

6. DAMPER/EXTRACTOR: (XX) (XX) *

00 - None
AS - Air Scoop Volume Extractor
OB - Heavy Duty Opposed Blade Damper

7. PATTERN CONTROLLER: (XX) *

00 - None
SV - Split Vane Pattern Controller

8. FINISH: (XX)

01 - Mill
07 - Enamel Paint Match
09 - Epoxy Paint Match
10 - Alumican
35 - Black
44 - British White

* Damper/Extractor are mutually exclusive options and must be ordered with unit. Extractor cannot be ordered separately.