

## 5DMGSU, 5DMGDU Suggested Specification & Configuration

### 5DMGSU

The single deflection duct mounted supply grille shall be a Krueger model 5DMGSU of the sizes shown on the plans or outlet schedule. This grille must have individually adjustable blades on 3/4" centers with friction pivots made of (.045" - .055") thick extruded aluminum, plastic blade pivots are not acceptable. The frame of the grille must be constructed of .055" thick extruded aluminum with countersunk screw holes. The grille frame shall have a gasket to minimize air leakage due to perturbations in the duct. The end caps on the grille shall be of a foam gasket material that can conform to the duct diameter. Standard flat grilles attached to saddle taps will not be acceptable.

### 5DMGDU

The double deflection duct mounted supply grille shall be a Krueger model 5DMGDU of the sizes shown on the plans or outlet schedule. This grille must have individually adjustable blades on 3/4" centers with friction pivots made of (.045" - .055") thick extruded aluminum, plastic blade pivots are not acceptable. The frame of the grille must be constructed of .055" thick extruded aluminum with countersunk screw holes. The grille frame shall have a gasket to minimize air leakage due to perturbations in the duct. The end caps on the grille shall be of a foam gasket material that can conform to the duct diameter. Standard flat grilles attached to saddle taps will not be acceptable.

### 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 81 Clear Anodize or #44 British White.

#### 1. SERIES: (XXXXX)

- 5DMGSU - Single Deflection with Blades on 3/4" Centers, Aluminum Duct Mounted Grille
- 5DMGDU - Double Deflection with Blades on 3/4" Centers, Aluminum Duct Mounted Grille

#### 2. PATTERN: (X)

- H - Horizontal (Front) Blades
- V - Vertical (Front) Blades

#### 3. WIDTH: (XX)

- 10" - 48" in 1" Increments

#### 4. HEIGHT: (XX)

- 3" - Minimum Width 10"
- 4" - Minimum Width 10"
- 6" - Minimum Width 10"
- 8" - Minimum Width 14"
- 10" - Minimum Width 16"

#### 5. DUCT DIAMETER: (XX) \*

- 6" to 36" - For Height of 3"
- 10" to 36" - For Height of 4"
- 12" to 36" - For Height of 6"
- 20" to 36" - For Height of 8"
- 24" to 36" - For Height of 10"

#### 6. DAMPER: (XX) \*\*

- 00 - No Damper/Extractor
- 01 - Damper/Extractor

#### 7. FINISH: (XX)

- 81 - Clear Anodize
- 01 - Mill
- 07 - Custom Color Match
- 10 - Alumican
- 35 - Black
- 44 - British White
- 49 - Off White
- 81 - Clear Anodize
- 84 - Light Bronze Anodize
- 85 - Medium Bronze Anodize
- 86 - Dark Bronze Anodize

\* Duct diameter available in 2" increments.

\*\* Damper/Extractor must be ordered with the product; cannot be retrofitted.

**SAMPLE CONFIGURATION: 5DMGDU - V - 30x6 - 12 - 01 - 81**