

5DMGPU Suggested Specification & Configuration

5DMGPU

The perforated duct mounted supply/return grille shall be a Krueger model 5DMGPU of the sizes shown on the plans or outlet schedule. This grille shall have a perforated face with 5/32" diameter holes on 3/16" centers resulting in a 63% free area and made of aluminum. The frame of the grille must be constructed of (.050" - .062") 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.

Optional damper/extractor shall be available and made of .055" plate aluminum and be operable from the face of the supply grille. The damper/extractor shall be attached to the grille by use of a piano hinge. The damper/extractor, once adjusted, must keep the setting through the operating range of the grille as determined by catalog performance data.

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)**
5DMGPU - 5/32" Diameter Holes on 3/16" Staggered Centers, Perforated Aluminum Duct Mounted Grille
- 2. PATTERN: (X)**
0 - None
- 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)**
44 - British White
81 - Clear Anodize

* Duct diameter available in 2" increments.
** Damper/Extractor must be ordered with the product; cannot be retrofitted.

DUCT MOUNTED GRILLES & LOUVERS

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SAMPLE CONFIGURATION: 5DMGPU - 0 - 36x8 - 24 - 01 - 81