

680MP, 5680MP Suggested Specification & Configuration

680MP, 5680MP

The industrial supply grille shall be a Krueger model 680MP/5680MP. This grille must have individually adjustable blades on 3/4" centers, held in place with a tensioning wire, which extend through the frame for added rigidity throughout the entire cataloged CFM range. A pole operator shall extend from the face of the grille for easy access to the rear deflection vanes. The blade shall be a solid aluminum extruded airfoil shape design. The frame of the grille shall be constructed of 18 gage steel (680MP) or extruded aluminum (5680MP) with screw holes for mounting. This frame must also produce a border of 1 1/4" around all sides of the grille with mitered corners.

Optional heavy-duty damper shall be available made of heavy gage steel and operable from the face of the supply grille.

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: (XXXXXX)

680MP - Industrial Supply Grille with Fully Adjustable Front Blades and Pole Operated Rear Blades with Steel Frame Construction

5680MP - Industrial Supply Grille with Fully Adjustable Front Blades and Pole Operated Rear Blades with Extruded Aluminum Frame Construction

2. WIDTH: (XX)

10" - 40" in 1" Increments

3. HEIGHT: (XX)

6" - 36" in 1" Increments

4. DAMPER: (XX)

00 - No Damper

14 - Heavy Duty Damper (Model OBDHD)

5. FINISH: (XX)

01 - Mill

10 - Alumican

35 - Black

44 - British White

Use multiple sections for larger sizes.

Mounting hardware is to be provided by others.

INDUSTRIAL GRILLES

680MP - 5680MP

SAMPLE CONFIGURATION: 680MP - 20x20 - 00 - 44