

AFR Suggested Specification & Configuration

AFR

Furnish and install Krueger by Halton AFR displacement diffuser as indicated on the drawings and diffuser schedule. The AFR is a flat-faced low velocity displacement diffuser suitable for flush mount installation into a wall or stair riser. The front panel shall utilize 10% free area perforated material with a well-balanced appearance and enhancement to performance. The diffuser includes a secondary equalization baffle for consistent airflow. The AFR is provided with spring mounting clips which interface with 16 gauge mill finish mounting rails. Mounting rails are installed in the hole opening at a depth to allow for flush mounting with the finished wall surface. The face shall be made of powder coated galvanized sheet metal, 20 gauge or 16 gauge. Standard finish is #44 white.

PERFORMANCE

Unit performance shall be tested in accordance with the following standards: Air flow rate, EN-ISO 5167-1; Pressure Difference, EN-ISO 5135; Sound Power Level, EN-ISO 7235.

1. **MODEL: (XXX)**
AFR - Flat-faced, Recessed, Low-Velocity Supply Unit
2. **WIDTH: (XX)**
8" - 48" in 1" increments
3. **HEIGHT: (XX)**
4" - 24" in 1" increments
4. **MATERIAL: (XX)**
GS - Steel
5. **FRONT PANEL THICKNESS: (XX)**
20 - 20 Gage (Standard)
16 - 16 Gage
6. **MOUNTING RAILS: (XX)**
00 - No Mounting Rails
01 - Mounting Rails
7. **FINISH: (XX)**
07 - Custom
35 - Black
44 - British White