

Part 1 General

1.1 SHOP DRAWINGS AND SUBMITTALS

- .1 Comply with requirements of Section 20 00 13.
- .2 Include a schedule of the following information:
 - .1 Grille type and description
 - .2 Size and location
 - .3 Air flow volumes and noise levels
 - .4 Finish
 - .5 Accessories
- .3 Submit sample of each required air outlet and inlet type.

1.2 PRODUCT OPTIONS AND SUBSTITUTIONS

- .1 Refer to Division 1 for requirements pertaining to product options and substitutions.

1.3 ABBREVIATIONS

- .1 ADC: Air Diffusion Council
- .2 AMCA: Air Movement and Control Association

1.4 PERFORMANCE STANDARDS

- .1 Unit performance ratings listed in manufacturer's data shall be tested to the following standards:
 - .1 Supply Grilles: to ADC Equipment Test Code 1062 R2 and ASHRAE Standard 36B63.

Part 2 Products

2.1 MAXIMUM SECURITY PERFORATED FACE GRILLE, TYPE S-1 AND E-1

- .1 Air Pattern: 0° deflection
- .2 Construction:
 - .1 Face Plate: 5 mm hot rolled steel with 8 mm holes staggered 60° on 11 mm centers.

- .2 Sleeve: 5 mm hot rolled steel, length as required.
- .3 Mounting: 25 mm x 25 mm x 5 mm hot rolled steel loose angle frame for field welding.
- .4 Volume Control: opposed blade damper, operable from face of grille.
- .5 Finish: white powder coat.
- .6 Acceptable Material: Price MSPG/MF1/B12, Titus SG-PR with specified options, Anemostat.

Part 3 Execution

3.1 INSTALLATION

- .1 Make airtight connection between grilles and ductwork.
- .2 Provide balancing damper on duct take-off to each diffuser at main branch take-off, even when volume dampers are specified as part of grille assembly.
- .3 Arrange to paint ductwork visible behind air outlets matt black.
- .4 Adjust supply outlets to deliver patterns defined on drawings or as directed by Departmental Representative.

END OF SECTION