1.   GENERAL

1.1   Scope

.1   Diffusers.

.2   Grilles and registers.

.3   Outside louvres.

.4   Door grilles.

.5   Diffuser boots.

.6   Roof hoods.

.7   Goosenecks.

1.2   Quality Assurance

.1   Air flow tests and sound level measurement shall be made in accordance with applicable ADC equipment test codes, ASHRAE Standards and AMCA Standards.

.2   Unit rating shall be approved by ADC and AMCA.

.3   Manufacturer shall certify catalogued performance and ensure correct application of air outlet types.

.4   Outside louvres shall bear AMCA seal for free area and water penetration.

1.3   Project Conditions

.1   Review requirements of outlets as to size, finish and type of mounting prior to submitting shop drawings and schedules of outlets.

.2   Positions indicated are approximate only. Check locations of outlets and make necessary adjustments in position to conform with Architectural features, symmetry and lighting arrangement.

1.4   Submittals

.1   Submit shop drawings with complete catalogue information, materials of construction, dimensions and accessories for all air outlets, louvres and components in this specification section, and as scheduled.

.2   Submit colour selection charts of finishes for review prior to fabrication.

2. PRODUCTS

2.1 General

.1 Base air outlet application on space noise level of NC 30 maximum.

.2 Provide supply outlets with sponge rubber seal around the edge.

.3 Provide baffles to direct air away from walls, columns or other obstructions within the radius of diffuser operation.

.4 Provide plaster frame for diffusers located in plaster surfaces.

.5 Provide anti-smudge frames or plaques on diffusers located in rough textured surfaces such as acoustical plaster.

.6 Refer to Air Outlet Schedule for specifications of air outlets.

3. EXECUTION

3.1 Priming

.1 Paint ductwork visible behind air outlets matte black.

3.2 Sizing

.1 Size outside air louvres as indicated on Drawings.

.2 Size air outlets as indicated on Drawings.

3.3 Air Outlets Schedule

.1 Refer to Equipment Schedules.

END OF SECTION