

1.7 PERFORMANCE STANDARDS

- .1 Unit performance ratings listed in manufacturer's data shall be tested to the following standards:
 - .1 Ceiling Diffusers: to ADC Equipment Test Code 1062 R1 and ASHRAE Standard 36B63.
 - .2 Light Troffer Diffusers: to ADC Equipment Test Code 1062 R4 and ISO Standard 3741.
 - .3 Supply Grilles: to ADC Equipment Test Code 1062 R2 and ASHRAE Standard 36B63.
 - .4 Louvres: to AMCA Standard 500 test procedure.

Part 2 Products

- .1 See the supplied drawing schedules.

Part 3 Execution

3.1 INSTALLATION

- .1 Make airtight connection between diffusers 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. For details of balancing dampers, refer to Section 23 33 10, Ductwork Accessories.
- .3 Sizes indicated are nominal. Provide correct standard product nearest to nominal to deliver the capacity listed without increasing noise levels or pressure drop.
- .4 Arrange to paint ductwork visible behind air outlets matt black. Refer to Section 09900.
- .5 Confirm air outlet/inlet and louvre dimensions, mounting, finish and colours with ceiling and wall construction prior to submitting shop drawings.
- .6 Adjust supply outlets to deliver patterns defined on drawings or as directed by Consultant.
- .7 Provide smudge resistant frames on diffusers located in textured ceilings.
- .8 Provide factory finish on each air inlet/outlet, louvre and intake hood as scheduled.
- .9 Mount roof hoods and goosenecks on 300 mm high curb base.

END OF SECTION