



23 3700 – Air Outlets and Inlets

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A. General:

1. Base selection on air flow, noise criterion (NC) level, air pattern, throw, mounting height, face velocity, pressure loss, and aesthetic requirements. Space NC levels should be based on guidelines established in Chapter 48 of ASHRAE 2011 Handbook – HVAC Applications or latest equivalent or as discussed with University project managers or users.
2. Provide an integral opposed-blade damper only when a manual-balancing damper cannot be installed in the branch duct.
3. In renovations, give consideration to matching existing diffuser and registers in adjacent areas.
4. In typical suspended ceiling installations, it is preferred to use 24" X 24" square cone, 3 tiered diffusers similar to Price SCD series diffusers.

B. Acceptable Manufacturers:

1. Price
2. Titus
3. Anemostat
4. Metalaire
5. Krueger