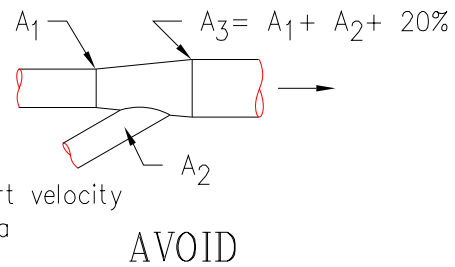
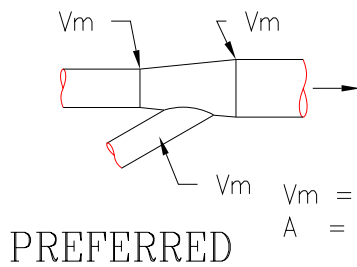


BRANCH ENTRY

Branches should enter at gradual expansions and at an angle of 30° or less (preferred) to 45° if necessary. Expansion should be 15° maximum. See Fig. 5-15 for loss coefficients.



V_m = Minimum transport velocity
 A = Cross section area

PROPER DUCT SIZE

Size the duct to maintain the selected or higher transport velocity.