

Linear Grills

Installations in areas that have a high heat loss/gain require multiple vents. Multiple vents can be installed into linear grills for a more esthetically pleasing look. Installing in a high sidewall/ceiling or floor makes little difference (Fig. DUC-33). A *Straight Vane* vent grill is the only type of linear grill that can be used with the Hi-Velocity System (Fig. DUC-34). Linear grills must be purchased from a third party vendor.

Fig. DUC-33 - Linear Grills

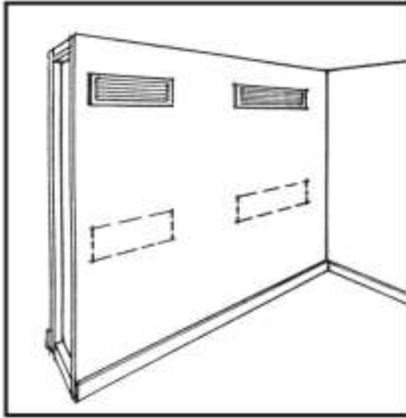
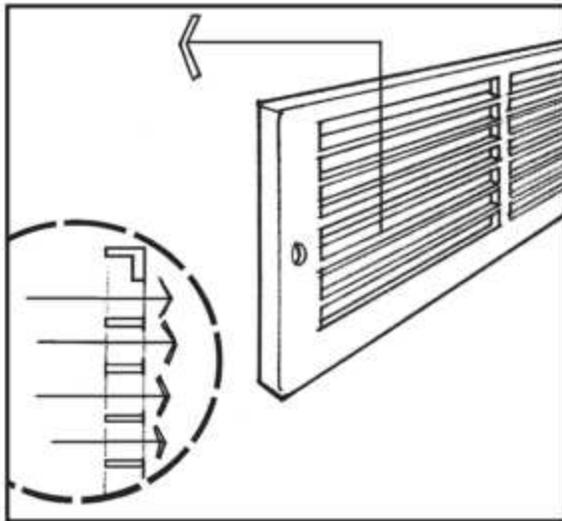
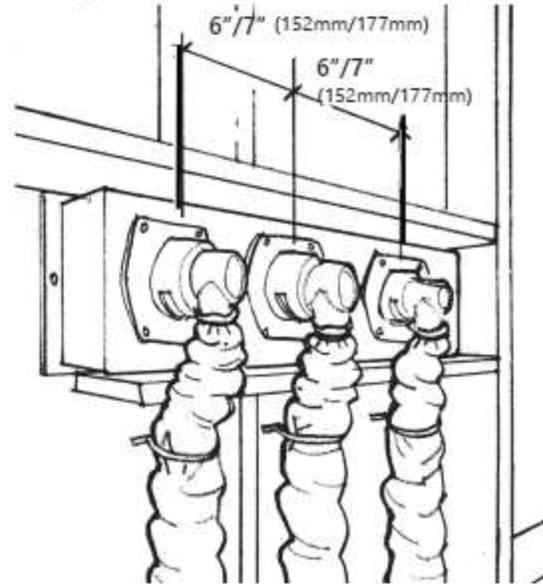


Fig. DUC-34 - Straight vanes only



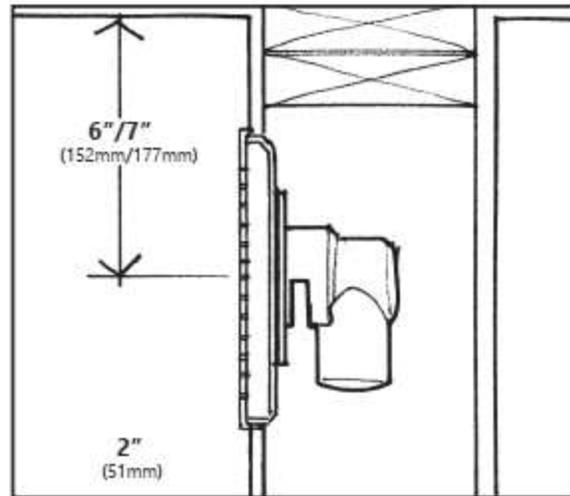
When installing multiple vents into linear grills, the 2" (51mm) vents must be a minimum of 6" (152.4mm) on center from each other, 7" (178mm) for HE vents. (Fig. DUC-35). Same rules apply for vents in linear grills as a single outlet installation; see Module OTL - Outlet Installation for more information on vent placement.

Fig. DUC-35 - 6"/7" Apart on Center (152mm/177mm)



The outlet of the Rough-In Boot must be no more than 2" (51mm) away from the grill (Fig. DUC-36).

Fig. DUC-36 - Outlet no more than 2" (51mm) from grill



Installing the vents around the room will allow for the room air to mix. This will give the room a more even air temperature and better distribution.