Projection Data shown in the tables are based on isothermal air.* When heated or chilled jets are considered, the projection distance changes due to the change in air density. Use the graphs below to determine the projection factor for your specific application. Multiply the factor by the isothermal distance (from the data tables) to determine the projection distance.

*"Isothermal" refers to the supply air being at the same temperature as the room air.

GRAPH 4: ADJUSTMENT FACTORS FOR VERTICALLY PROJECTED NON-ISOTHERMAL JETS

Temperature differential ΔT is supply air temperature difference from average room temperature.

Circular Diffusers

E

Anemostat