

MODEL AR-3

Contractor shall furnish and install Anemostat AR-3 air diffusers as manufactured by Anemostat Products Division at each point indicated on the plans. These air diffusers are to consist of five or more expanding and diverging hollow cones with closed beads.

The cones shall be arranged to provide a minimum of five air paths, which shall simultaneously diffuse the air within the occupied zone within the limits of 20 to 50 fpm, and to aspirate room

air within the passageway in a volume equal to 25 to 35 percent of the specified discharge volume.

The air diffuser shall be steel, painted arctic white.

MODEL VT

Furnish and install where shown on drawings Vortech ceiling diffusers Model VT-S (Surface) or Model VT-L (Lay-in for Inverted T-bar) by Anemostat. Diffusers shall consist of a minimum of 12 radial vanes creating a high induction, swirl type horizontal air pattern. To maintain high induction rates at scheduled capacities, the diffuser design shall be such that the ratio of diffuser inlet diameter to the diffuser outlet discharge diameter is the same for all sizes selected. Diffuser designs utilizing round to round adapters are not acceptable. The diffuser neck shall terminate at the radial vanes with bellmouth discharge.

Diffusers shall be constructed entirely of steel with a white, baked finish.

Install Anemostat Model VD Butterfly Volume Dampers in the diffuser necks for balancing.