



AVDP/5AVDP/AVDT/5AVDT SUGGESTED SPECIFICATION & CONFIGURATION

AVDP/5AVDP

The architectural VAV cooling plaque face diffuser shall be Krueger model AVDP (steel) or 5AVDP (aluminum) with integral thermally-powered thermostats and sliding sleeve type VAV control damper. Diffusers using disk, plate or diffusion blade type dampers will not be acceptable. The AVDP shall be constructed of 24 gage galvanized steel and the 5AVDP shall be constructed of 0.040" aluminum. The diffusers shall have a square face and round neck resulting in 360° discharge of air in the horizontal plane. The plaque face shall not exceed 1/8" drop below the ceiling plane. Temperature set points shall be field adjustable from the face of the diffuser through a temperature range of 70°F to 78°F.

An optional second thermal actuator is available to automatically change from VAV cooling to constant volume heating with field adjustable damper position from full open to any lower setting. Changeover actuation shall occur when the supply air temperature is 78°F or above for heating and 70°F or below for cooling.

AVDT/5AVDT

The architectural VAV cooling ceiling tile face diffuser shall be Krueger model AVDT (steel) or 5AVDT (aluminum) with integral thermally-powered thermostats and sliding sleeve type VAV control damper. Diffusers using disk, plate or diffusion blade type dampers will not be acceptable. The diffuser shall have an appearance panel consisting of a back pan and 4 flanged side plates with mitered corners for installing ceiling tile provided by the ceiling contractor. The AVDT shall be constructed of 24 gage galvanized steel and the 5AVDT shall be constructed of 0.040" aluminum. The diffusers shall have a square face and round neck resulting in 360° discharge of air in the horizontal plane. The appearance panel with ceiling tile installed shall not exceed 1/2" drop below the ceiling plane. Temperature set points shall be field adjustable from the face of the diffuser through a temperature range of 70°F to 78°F.

An optional second thermal actuator is available to automatically change from VAV cooling to constant volume heating with field adjustable damper position from full open to any lower setting. Changeover actuation shall occur when the supply air temperature is 78°F or above for heating and 70°F or below for cooling.

FINISH

The paint finish shall be British White.

1. **SERIES: (XXXXX)**
 AVDP - Steel Construction, Plaque-Style Face
 5AVDP - Aluminum Construction, Plaque-Style Face***
 AVDT - Steel Construction, Ceiling Tile Face
 5AVDT - Aluminum Construction, Ceiling Tile Face***
2. **INLET: (XX)**
 8"
 10"
 12"
 14"
3. **PANEL: (XX)x(XX)**
 12"x12" *
 24"x24" **
4. **DAMPER CONTROL: (X)**
 C - VAV Cooling Control
 H - VAV Cooling with Adjustable Constant Volume Heating Control
5. **FINISH: (XX)**
 01 - Mill
 10 - Alumican
 35 - Black
 44 - British White

► Reference page G-33 for adapter frame specification.

(*) 12"x12" Panel only available with 8" inlet.

(**) AVDT & 5AVDT only available in 24"x24" panel.

(***) Product contains steel components.

SAMPLE CONFIGURATION: AVDP - 12 - 24x24 - C - 44