

SPECIFICATION

SC

SC Suggested Specification:

The thermally powered variable air volume diffuser shall be the Tuttle & Bailey SC series diffuser. Each unit shall be a self-contained, self-powered VAV room temperature control diffuser. External wiring or pneumatics will not be acceptable.

Each unit shall have a circular cone shaped damper to provide for maximum Coanda effect and to avoid dumping with 1/8" foam padding for quiet operation.

Each diffuser shall have an appearance panel that can be easily removed from the spring clips to allow adjustment of room temperature set points. Instructions for the diffuser shall be on the back side of the appearance panel.

SCVH: The diffusers shall vary supply air volume to provide both VAV heating and VAV cooling. They shall be thermally powered by using two room temperature sensing elements, and two supply air sensing elements. The room temperature settings shall be separately adjustable.

SC: The diffusers shall vary supply air volume to provide VAV cooling.

SCW: The diffusers shall vary supply air volume to provide VAV cooling with non-adjustable warm-up cycle control function.

SCAH: The diffusers shall vary supply air volume to provide heating and VAV cooling. They shall be thermally powered by using a room temperature sensing element, and two supply air sensing elements. The room temperature settings shall be separately adjustable.



Model	Control Type	Neck Size	Frame	Module	Accessories	Finish
SC		06 08 10 12		12x12 24x24		WH - White
	00 - VAV Cooling Only W - VAV Cooling w/ Warm Up AH - VAV Cooling w/ Adjustable Warm Up VH - VAV Cooling and VAV Heating		SF - Surface Mount LT - Lay-in T-Bar PL - Spline FL - Fine Line		00 - None SD - Dummy Return 2x2 RR - Relief Ring Adaptors For 2x2 Diffusers CR - Collar Reducer 14" PB - Blow Pattern Baffles 2x2 Diffusers CF - Ceiling Frames For Surface Mount	

Example: SC - VH - 10 - LT - 24x24 - 00 - WH