



SC

# SPECIALTY PRODUCTS

SC

*VAV Diffuser - Thermally Powered*

## STEEL

The Tuttle & Bailey SC series thermally powered variable air volume diffusers offer a completely efficient, cost-effective, maintenance free means to control the flow of conditioned air without wall thermostats, duct thermostats or added system pressure. Each diffuser is completely self-contained and self-powered. For the SCVH, the mechanism is operated by four thermostatic elements to provide VAV room temperature control in heating and cooling. The SCAH provides VAV cooling with adjustable warm-up cycle control which reduces the stratification of warm air along the ceiling. The SC provides VAV cooling only and typically used within interior zones where minimal heat loss exists. A cone shaped diffusion damper creating less turbulence allows complete and even air distribution.

The SC series variable volume diffusers are ideally suited to high demand volume and short horizontal throw applications

## FEATURES

- Available in four basic styles:
  - SCVH - VAV heating and VAV cooling control
  - SC - VAV cooling control
  - SCW - VAV cooling with non-adjustable warm-up cycle control
  - SCAH - VAV cooling with adjustable warm-up cycle control
- No electrical or pneumatic connections
- Removable face panel for ease in room temperature adjustments
- Wax type thermal thermostatic actuator
- Standard finish is white (WH)

## ACCESSORIES

- Matching dummy return (DR)
- Relief ring adaptors
- Baffles to achieve 3-way, 2-way and 1-way air patterns
- Ceiling frames to accommodate surface mount applications



### Available Sizes

Model	Module Size (in.)	Neck Size (in.)
SC	12x12	6, 8
	24x24	6, 8, 10, 12