

SC / PC

Thermally Powered Smart Diffusers

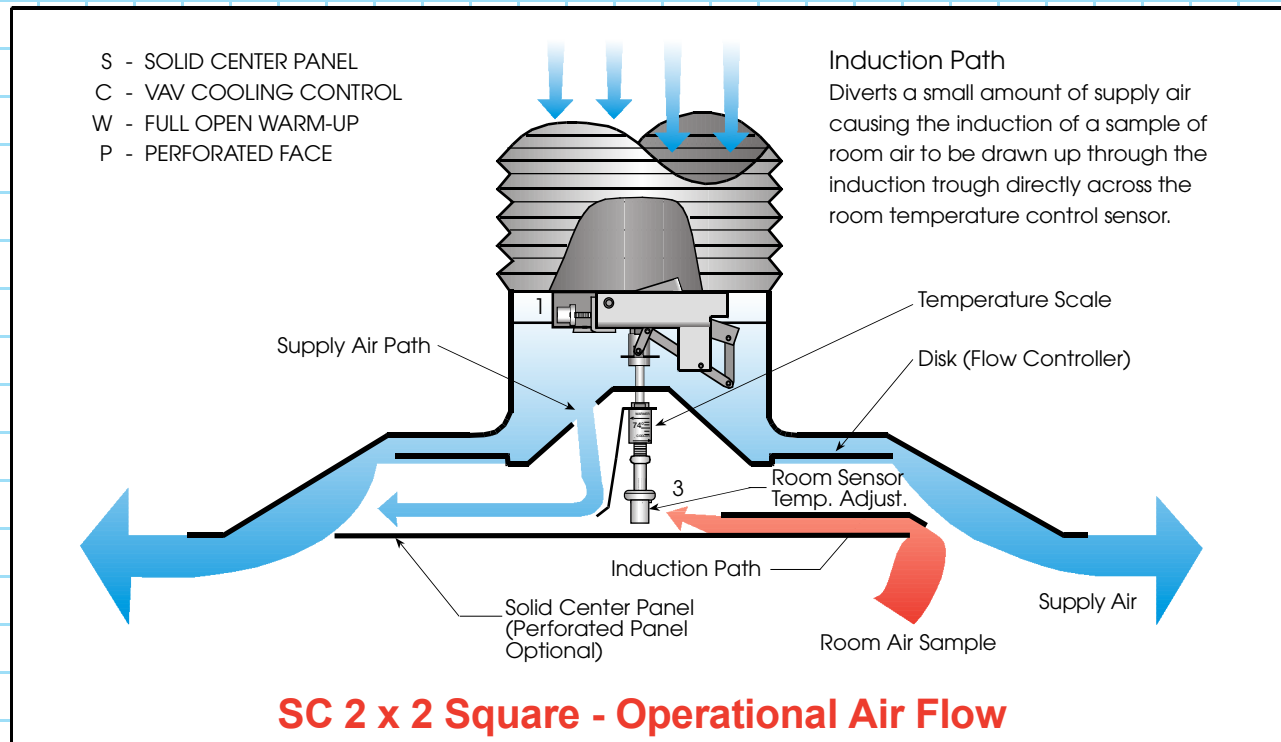
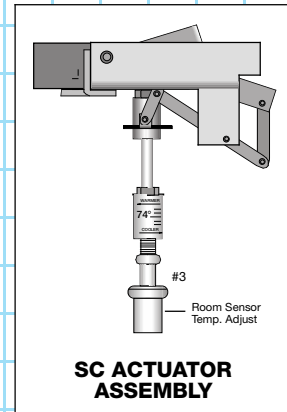
VAV Cooling Control

How it works

Room temperature control in cooling is achieved from a small amount of supply air which passes through an orifice in the diffusion disc. The thermal control actuator senses the air induced past it and varies the position of the diffusion disc (immediately above it). The discharge opening is varied and results in the varying of the supply air volume for cooling.

Temperature adjustment

Factory set-point approximately 74 degrees. For cooler room temperature, turn room actuator clockwise. For warmer room temperature, turn room actuator counter-clockwise. Determine room temperature set-point by aligning end of the actuator with the indicators on the temperature scale. Each full rotation for each indicator on the temperature scale equals plus or minus 2 degrees. For 74 degree factory set-point, turn actuator clockwise until stop, then turn counter-clockwise 3 full turns.



PERFORMANCE AIR PRODUCTS, INC.

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Performance Air Products, Inc., warrants the thermal diffuser for a period of 10 years. The diffusers shall be free from defects in material and workmanship. We agree to repair or replace any defective parts. This warranty excludes shipping charges and field labor required to exchange, test or service the diffuser.