

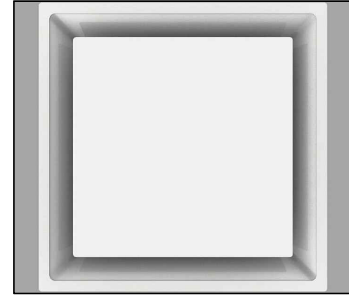
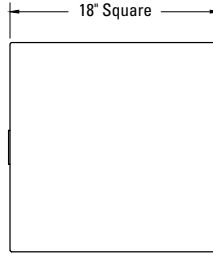
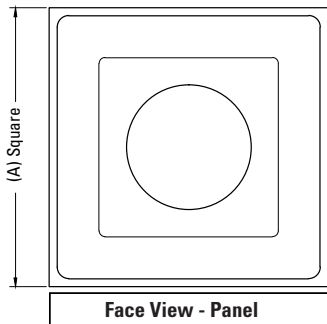


# MODEL SCAH

THERMALLY POWERED PLAQUE DIFFUSER  
VAV COOLING/ADJUSTABLE HEATING

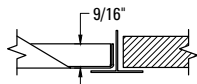
Project: \_\_\_\_\_  
 Tag: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Date: \_\_\_\_\_

- Model:** SCAH-1 Thermally Powered Plaque Diffuser Surface Mount W/TBPF  
 SCAH-6 Thermally Powered Plaque Diffuser T-Bar Lay-In  
 SCAH-8 Thermally Powered Plaque Diffuser Tegular T-Bar  
 SCAH-9 Thermally Powered Plaque Diffuser Donn Finline Ceiling Grid



X = Inlet sizes (6", 8", 10" or 12")

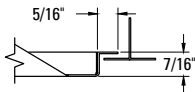
Model	A - Diffuser Panel
SCAH-1	24-3/4"
SCAH-6	23-3/4"
SCAH-8	23-3/4"
SCAH-9	23-3/4"



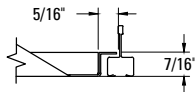
**SCAH-1**  
(Surface Mount W/TBPF)



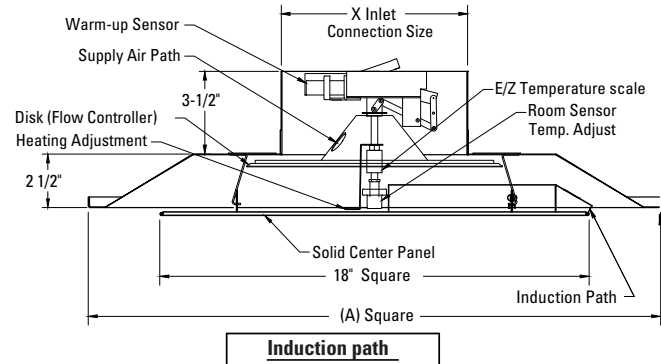
**SCAH-6**  
(Lay-In Turned Up Edge)



**SCAH-8**  
(Tegular Lay-In)



**SCAH-9**  
(Donn Finline Ceiling Grid)



VAV cooling control. Room air is induced past a thermal actuator, which then adjusts airflow based on space requirements. the actuator is mechanical and requires no electrical or pneumatic connectors.

Manually adjustable heating override control, can be set to limit maximum flow to required percentage only in the heating mode. When supply air is warm the SCAH will close to desired opening and not open regardless of room temperature.

A small amount of supply air is diverted through an orifice against an induction wing then back into primary air path. This creates just enough negative pressure to induce a continuous sample of secondary room air around the edge of the face panel through the induction trough located at the leading edge of the face panel and across the thermal actuator.

**Available Finishes**  
01 White Baked Enamel

**Available Accessories**  
TBPF - Lay-In Plaster Frame For 1-Units.  
BAF - Directional Baffles  
RR - Relief Ring Adapter

**Available Options**  
AH/1 - Full Closed Heating

**Standard Construction**  
24 Gauge Electro-Galvanized Steel.  
Panel Size 24 x 24 Only.  
Inlet Sizes 6", 8", 10" & 12".  
Controls:  
Self -Contained Thermally Activated VAV Control

As part of our continuous improvement program, we reserve the right to make further improvements without notice.

Submittal - SCAH - 0920