

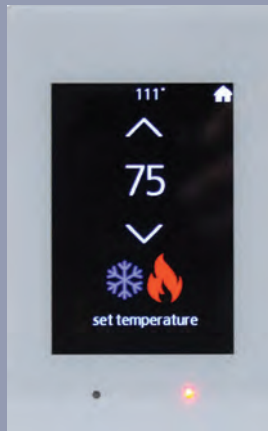
**NEW LOOK**  
Same Great Performance

# SAMOD

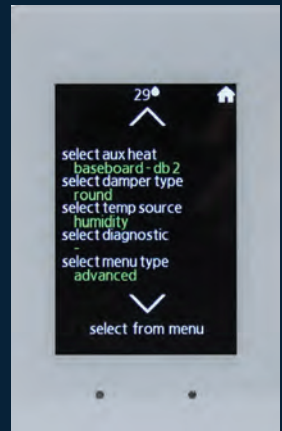
Modulating Damper Control



Supply Air Duct Temperature



Display Room Temp, Set Point, and More



Easy Menu Access

## THE PROBLEM SOLVER

Designed for over-conditioned areas

Your low cost solution to the problem of over heated or over cooled rooms

### MODULATING STAND ALONE DAMPER CONTROL

#### Features

Stand-alone (modulating damper) Thermostat  
Auto-changeover operation  
Single set point for easy end user operation  
Adjustable auxiliary or reheat operation  
Control round or rectangular modulating dampers  
Slave up to 3 dampers per stat

Duct sensor included  
Set point lock  
Auto/Off switch  
F° or C° thermostat operation  
No batteries required  
Remote sensor capability

**SAMOD** solves the problem of **over-heated** and **over-cooled** rooms for your customers



*50 years of zoning and controls experience to enhance your comfort*

**www.zonexproducts.com | (800) 228-2966**

# SAMOD

## MODULATING STAND ALONE DAMPER CONTROL

YOUR PROBLEM SOLVER

Zonex Systems stand alone, floating zone, or pincher zone solution, utilizes an auto changeover thermostat designed to control and modulate a stand alone damper in commercial applications.

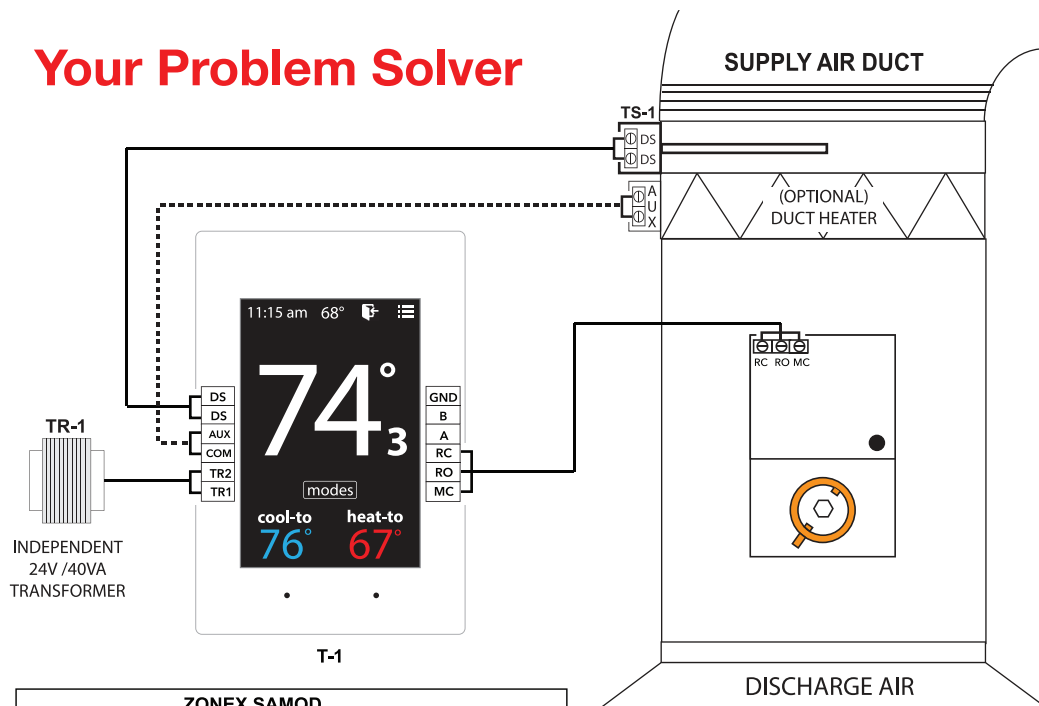
The SAMOD allows you to effectively control problem areas (with erratic temperatures) by controlling the existing air supply to the problem room. The SAMOD will also control supplemental or auxiliary heating devices when required.

The 24 volt SAMOD thermostat displays room temperature using a large color LCD touchscreen display. The SAMOD thermostat includes an accurate duct sensor. The sensor sends the duct temperature to the thermostat via two field supplied 18 ga. unshielded wires.

Auto changeover operation allows the SAMOD thermostat to change from a cooling to a heating thermostat automatically. A duct sensor is included and installed upstream of the damper to determine the temperature in the duct. If the duct temperature is 7° above the room temperature, the thermostat will operate as a heating thermostat. On a heating call, the thermostat will modulate the damper towards the open position. A cooling call will close the damper. If the duct is 3° below the room temperature, the thermostat will operate as a cooling thermostat.

When the duct temperature is between the changeover set points, the damper will modulate to provide ventilation and circulation to the space.

### Your Problem Solver



ZONEX SAMOD		
THERMOSTAT	T-1	SAMOD - TOUCH SCREEN THERMOSTAT
TRANSFORMER	TR-1	SYSTEM POWER 24 V- 40 VA
LAT SENSOR	TS-1	DUCT TEMPERATURE SENSOR
TERMINAL CONNECTIONS		
SAMOD CONTROLLER AND ACTUATOR		
TR-1	24 VAC POWER INPUT	
TR-2	24 VAC POWER COMMON	
RO	DAMPER RUN OPEN SIGNAL	
RC	DAMPER RUN CLOSED SIGNAL	
MC	24 VAC MOTOR COMMON	
DS	DUCT TEMPERATURE SENSOR	
AUX	OPTIONAL AUXILIARY HEAT	
COM	AUXILIARY HEAT COMMON	

**NOTES:** PROVIDE MODULATING ZONEX ROUND OR RECTANGULAR DAMPER DESIGNED TO SUPPORT UP TO 1.75" S.P.

AUX CONTACTS USED TO CONTROL SUPPLEMENTAL HEAT SOURCE: I.E. BASEBOARD OR RADIANT PANEL IF ELECTRIC HEAT IS USED AN AIR PROVING SWITCH MUST BE INSTALLED

VISIT OUR ON-LINE CATALOG AT [ZONEXPRODUCTS.COM](http://ZONEXPRODUCTS.COM)

FOR APPLICATIONS ASSISTANCE CALL 800-228-2966

**SAY NO to**  
OVER-HEATED OR OVER-COOLED ROOMS

The SAMOD allows you to effectively control problem areas by controlling the existing air supply to the problem room or zone. This versatile problem solver is also designed to control supplemental or auxiliary heating devices.



Call (800) 228-2966

or get a quote at

[zonexproducts.com](http://zonexproducts.com)