

ACCUSTAT® Energy Guard

Description:

PSG's Accustat® Energy Guard controls feature a "twin chamber" design that isolates the thermostat sensor from heat-producing solid state circuits and provides flow-through ventilation in both chambers. The result is a very stable temperature control, with exceptionally low "droop" in relation to system duty cycle.

Energy Guard controls come complete with PSG's patented adjustable sensor, allowing the room occupant to adjust the temperature from 40-90°F. In addition, they can be ordered with PSG's Accutherm® preset sensors (sold separately) for use in applications where temperature limiting is desired.

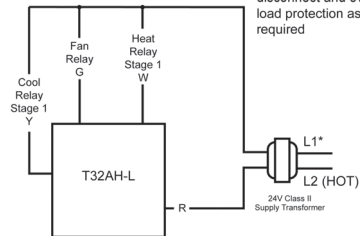
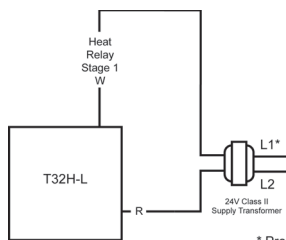
Application:

Any single stage application requiring a low voltage adjustable control. Can be used in either new construction or retrofits. The Energy Guard is ideal for applications such as apartments, condominiums, HUD projects, military housing, student housing, managed properties, and retirement living.

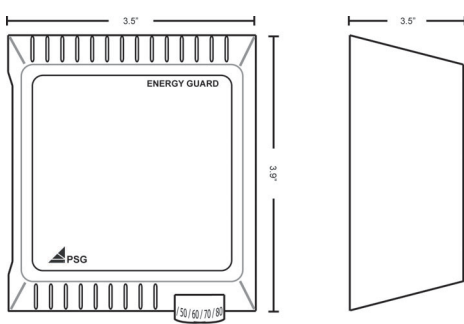


Wiring:

The wiring diagrams shown are only typical.



Dimensions:



Model Selections:

Model	Voltage	# Sensors Req. (for limiting)	Switches
T30H-L	24 VAC	1	None
T32AH-L	24 VAC	2	HT/OFF/CL (system) AUTO/ON (fan)

Specifications:

Case:	White plastic
Dimensions:	3.5" x 3.9" x 1.6"
Range:	40°F to 90°F
Load Rating:	1.0 Amp
Voltage:	24 VAC

Thermostat shall be solid state low voltage heating and/or cooling type. Temperature sensing shall be by means of an adjustable mercury sensor activated by a mercury column contacting internal platinum electrodes. Temperature adjustment range shall be from 40° to 90°F, and temperature limiting shall be available with the use of Accutherm® preset sensors. Electrical rating shall be 0.1 Amp minimum to 1.0 Amp maximum @ 24-30 VAC. One piece molded plastic case shall include all switches and require no subbase. No leveling shall be required for performance accuracy.

Warranty:

PSG controls carry a "limited 1 year warranty" against defects in workmanship and materials (contact PSG for full warranty policy).

 **PSG Controls, Inc.**
Setting New Standards in Temperature Controls

1225 Tunnel Road - Perkasie, PA 18944 - 215-257-3621 - Fax 215-257-4288
Web site: www.psgcontrols.com — E-mail: sales@psgcontrols.com