



TG Light-Sensing Thermostat

Perfect for landlords, the Lightstat TG light-sensing thermostat prevents tenants from over-heating or over-cooling their apartments. Residents do not have to set higher or lower temperatures to compensate for other less precise standard thermostats. Accurate temperatures are easier to maintain, leaving tenants feeling more comfortable.

Automatic setback of temperatures at night, based on building occupancy, senses the indoor light level. When lighting is reduced or shut off, the photocell in the thermostat senses an unoccupied condition and reacts accordingly. When light levels return to normal, the temperature automatically re-adjusts to the comfort zone setting. Landlords save money because there is less energy wasted.

The TG light-sensing thermostat requires no clocks, batteries, programming, or maintenance. Simply replace your old thermostats with an easy wire-for-wire retrofit. This helps to eliminate evaporator icing, reduces equipment run time, and increases the life of your HVAC system.

KEY FEATURES

- Light level sensors determine whether the space is occupied.
- Temperature limits cannot be overridden by tenants or staff.
- Heating/cooling “set-backs” during unoccupied times.
- Fahrenheit or Celsius readout with backlit display, +/- 1° accuracy.
- Easy installation: Does not require a common wire, but can accept one.
- No clocks, no programming, no batteries, no maintenance.
- Better control of the environment and your energy costs.



APPLICATIONS

Apartments/Condos

Tenant Housing

Assisted Living Families

Military Housing

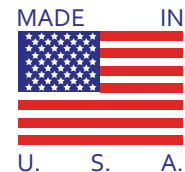
Camp Cabins

Stockrooms

Mechanical Rooms



Limited Lifetime Warranty
contact Customer Service for details



TG Light-Sensing Thermostat

Construction

- Electronic (*solid state*)
- Unit size is approximately 3.6" wide by 5" high by 1.3" deep
- Weight: 8 ounces

Operation

- Backlit display shows room temperature
- Set temperature with the slide
- Flashing display indicates comfort setting
- Automatic night setback indicated with green light
- Range and setbacks are factory programmed and field selectable
- Inside cover details factory settings

Precautions

- Use experienced, installation technician
- Disconnect power before installing
- Follow voltage and current ratings within specified range
- Load not to exceed 1 amp
- Install away from windows, walls, vents and drafts

ELECTRICAL SPECIFICATIONS

- 24 -30 VAC, 0.2 to 1.0 AMP (max)
- Time Delay: 45 seconds ON and OFF
- Heat: 55° - 78°F
- Cool: 85° - 70°F
- Setbacks: adjustable or fixed from setpoint
- Operating differential: 1.5°F or 3.0°F selectable
- Power Switch: System OFF/ON
- Optional Setback Switch: LOW/HIGH

To Order Call Customer Service

1.800.292.2444

Part Number	Description
TG	Light-sensing auto thermostat for multi-family, military housing & efficient stock room heat/cool control
TG H2 TGHR	2 - Wire SS Heat / 2-Wire SS Heat Reverse Acting, Fail Open
TG C2 TGWB	3 - Wire SS Cool & Fan / 3-Wire SS Heat, Power Open / Close
TG HC	4 - Wire Single Stage Heat / Cool
TG HP	5 - Wire Heat Pump, Single Stage Heat/Cool with Reverse Valve Out
TG HW	3 - Wire Custom Stat for Whalen Interface
XR 120 H1	Step-Down XFMR/RELAY for 120V tp 24V SS Heat for TGH2
TG RI	Circuit Board
TG WI	Whalen Interface
INLINE-FUSE	Includes 1.5 Amp Slow Blow BUSS Fuse
TACO-1KOHM-3W	Kit



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