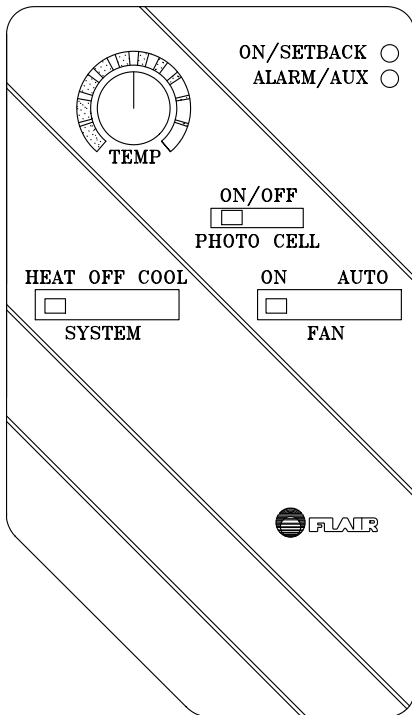


LIGHT SENSING

THERMOSTAT *series TL11*

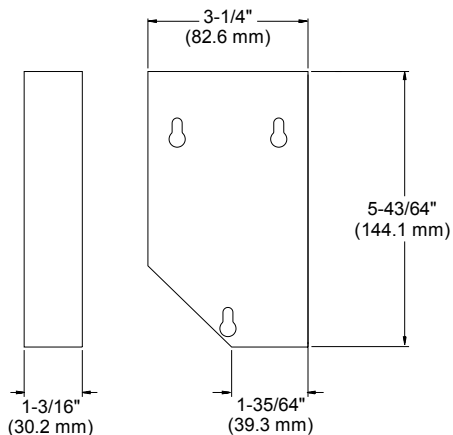
For central (main) or zoned control of heating or cooling systems. Determines occupancy based on light sensing. Available in heating only or cooling only.



BENEFITS & SPECIAL FEATURES

- 4-minute time-delay for compressor protection (may be bypassed).
- No batteries required.
- Remote temperature sensor (optional).
- Return air temperature sensor (optional).
- Manual on/off override.
- Electronic temperature limiting and locking.
- Low and high limit temperature alarms can activate a dry contact to switch an external control.
- Continuous (on) or intermittent (auto) fan control.
- System status indicators.
- Variable set back (setup) control.
- Light sensing sensitivity adjustment.
- Simpler and less expensive than clocks, programmers and energy management systems.
- Warmer/cooler scale standard.
- Fahrenheit and Celsius scales included.
- No sub-base required.
- Attractive modern design.

DIMENSIONS

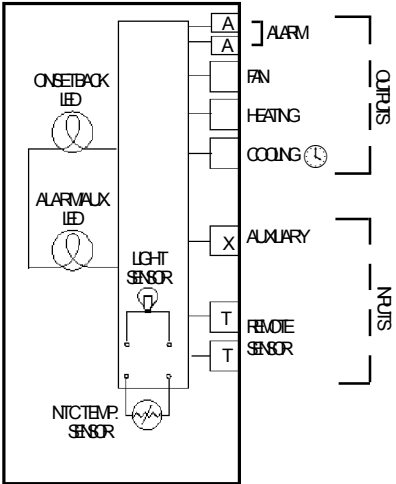


Thermostat

SPECIFICATIONS

Operating Voltage:	24 vac (-15%, +10%, 50-60 Hz)
Temperature Range:	50°F - 90°F (10°C - 32°C)
Light Level Range:	Dim: .3 - .5 foot/candles Bright: 35 - 50 foot/candles
Temperature Differential:	
Heating:	approximately ±0.8° F (.4° C)
Cooling:	approximately ±0.8° F (.4° C)
Sensor System:	Negative Temperature Coefficient (NTC)
Standard:	internal
Standard:	photo cell
Optional:	remote
Compressor Protection:	Switched 4 minute time delay
Switches:	
Slide:	SYSTEM: HEAT/OFF/COOL
Slide:	FAN: ON/AUTO
Slide:	PHOTOCELL: ON/OFF
Rotating:	Set TEMPERATURE
Indicator LED's:	ON (Steady Green) / SETBACK (Flashing Green) ALARM (Flashing Red) / AUX (Steady Red)
Security:	Electronic temperature limiting and locking
Dimensions:	5 ⁴³ / ₆₄ x 3 ¹ / ₄ x 1 ³ / ₁₆ Inches (144.1 x 82.6 x 30.2 mm)

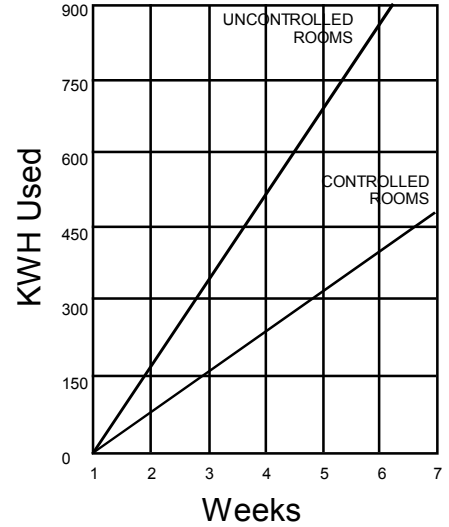
MODEL NUMBERS AND DESCRIPTIONS FOR VARIOUS APPLICATIONS



Model Number: TL111120
 Description: 1 stage heat or cool
 Light sensing

Switching Current at 24 VAC:
 Cooling: 1 Amp
 Heating: 1 Amp
 Fan: 1 Amp
 Alarm: 1 Amp
 Auxiliary: 1 Amp
 Weight: .4 lbs. (880 g)

Illustration of KWH Savings Using Light Sensing Thermostat in a Typical Hotel Room, Office or Bedroom



APPLICATIONS

- Central (main) heating or cooling.
- Zone heating or cooling.
- Residential (Single or multi-family, Apartments, Condominiums, Co-ops).
- Commercial (Stores, Restaurants, Offices).
- Industrial.
- Institutional (Hospitals, Hotels, Motels).

Where automatic setback (heating) or setup (cooling) based on occupancy is desired.

ACCESSORIES

Remote Temperature Sensor	TX101001
Return Air Temperature Sensor	TX101011
Transformers:	
40 VA	TR140100
20 VA	TR120100
Relay Transformers:	
20 VA (2) SPST 120 VAC relay	TR440200
20 VA (1) SPST 120 VAC relay	TR440300

REFERENCES

For More Information On:	See:
Wiring, jumper, potentiometer settings and applications	Instruction sheet
Other thermostats	This section
Zone Actuators	Star Actuator section
Zone Valves	Star Valve section
Wiring Panels	Control Panels section
Warranty & pricing	Pricing & terms section
Backplates	Accessories sheet

Indicates this output is protected by a switched 4 minute time delay



Flair pursues a policy of constant improvement. For this reason, all specifications are subject to change without notice.

FLAIR

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