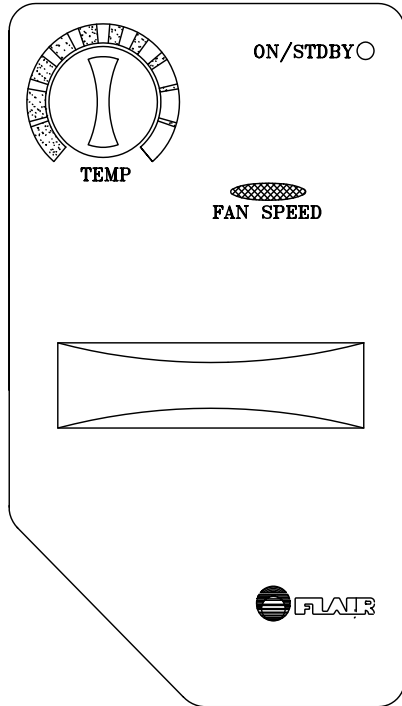


ELECTRONIC OCCUPANCY SENSING THERMOSTAT *series TO21*

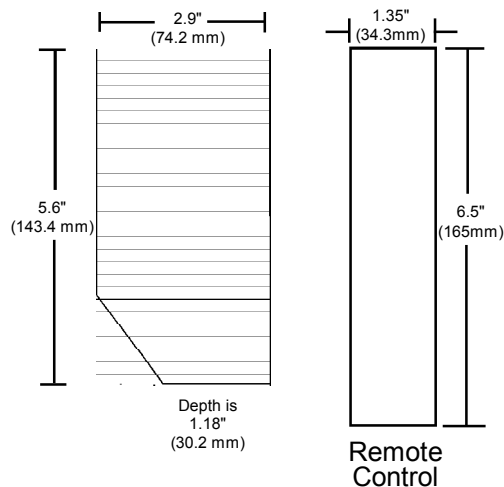
For central (main) or zoned control of heating and cooling systems. Available in single- and multi-stage versions with automatic changeover based on occupancy.



BENEFITS & SPECIAL FEATURES

- Automatic setback (heating) and setup (cooling) when area is unoccupied.
- No door switch required.
- 4 minute time delay for compressor protection (may be bypassed).
- Logic circuits accurately read occupancy.
- 5 year lithium battery.
- Electronic locking and limiting.
- Temperature limit alarm can optionally switch external contact.
- Continuous (on) or intermittent (auto) fan control.
- System status indicators.
- Models to accommodate 24/120/208/220/240/277 VAC.
- Auxiliary input from external sensor triggers LED.

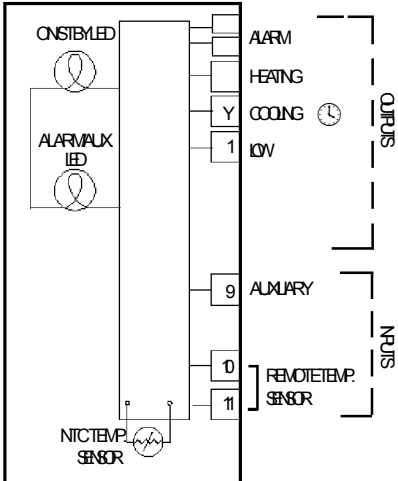
DIMENSIONS



SPECIFICATIONS

Operating Voltage:	24/120/208/220/240/277 VAC, 50-60 Hz
Switching Current at rated voltage:	
Cooling:	10 A
Heating:	10 A
Fan:	10 A
Temperature Range:	50°F - 90°F (10°C - 32°C)
Temperature Differential:	
Heating:	approx. ±0.8°F (.4°C)
Cooling:	approx. ±0.8°F (.4°C)
Sensor System:	Negative Temperature Coefficient (NTC)
Standard:	internal
Optional:	remote temp. sensor
Optional:	return air sensor
Optional:	Remote external motion sensor
Switches:	
Push-button:	ON/OFF
Rotating:	SET TEMPERATURE
Slide:	FAN: AUTO/ON
Indicator LED's:	ON (Steady Green) / STBY (Flashing Green) ALARM (Flashing Red) / AUX (Steady Red)
Security:	Temperatures can be electronically locked and limited.
Dimensions:	5.6 x 2.9 x 1.18 Inches (143.4 x 74.2 x 30.2 mm)

MODEL NUMBERS AND DESCRIPTIONS FOR VARIOUS APPLICATIONS



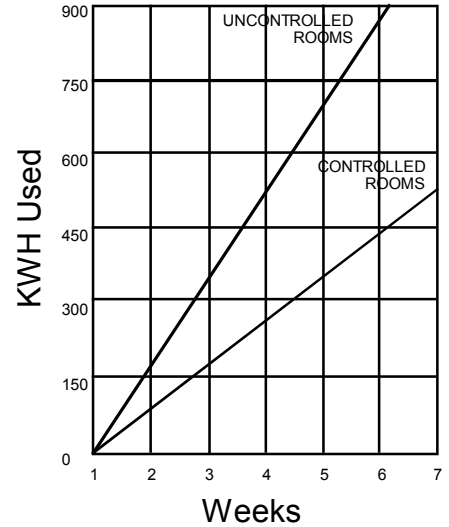
Model Number: TO211120; 24 VAC
 TO211130; 100 VAC
 TO211140; 120 VAC
 TO211150; 208 VAC
 TO211160; 220 VAC
 TO211180; 240 VAC
 TO211190; 277 VAC

Description: 1 stage heat or cool

Weight: .4 lbs. (880 g)

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

Illustration of KWH Savings Using Occupancy Sensing Thermostat in a Typical Hotel, Motel or Office



HOTEL ROOM ENERGY USE IN TYPICAL 24 HOUR PERIOD

TO BE PASTED IN.

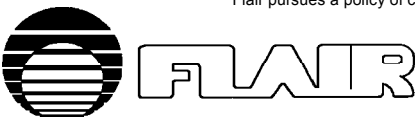
ACCESSORIES

Remote Temperature Sensor	TR000100
Return Air Temperature Sensor	TR000100
Remote External Motion Sensor	XXX

REFERENCES

For More Information On:	See:
Remote Model	TT21 data sheet
Wiring, jumper, settings and applications	Instruction sheet
Other thermostats	This section
Zone Actuators	Star Actuator section
Zone Valves	Star Valve section
Wiring Panels	Control Panels sect.
Warranty & pricing	Pricing & Terms section
Backplates	Accessories sheet

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



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TO21P2