Description

The Autani T32P is a wirelessly networked, thermostat for use with Autani's *EnergyCenter* HVAC Management System. *EnergyCenter* manages heating and cooling based upon schedule, occupancy, and demand response events.

Simple to install, the T32P is a direct replacement for many existing thermostats and can sense temperature either at the stat, via a remote sensor, or as an average of the two.

Optional *MINI* Motion Sensors, door/ window contacts, and Key Card holders toggle the occupancy status of a particular room or space. "Occupied" and "Unoccupied" settings are used to vary heating and cooling setpoints, and maximize savings.

Connectivity between Thermostats and other *EnergyCenter* devices is via the secure, reliable *autaniNet* wireless mesh network. The T32P Thermostat maintains local HVAC control, even if network communication is lost.

EnergyCenter devices are managed with an Autani *Manager* appliance running *EnergyCenter* software and can be part of an *EnergyCenter* integrated energy management system.

Applications

T32P Thermostats are suitable for renovation, upgrade, and new construction projects.

- Private & Open Offices
- Corridors & Hallways
- Classrooms & Gymnasiums
- Warehouse Spaces & Manufacturing Areas
- Patient Care Rooms
- Transportation Terminals
- Retail & Grocery Stores

Features

- Easy to install, fast to configure, managed Thermostat is compatible with most commercial and residential HVAC Systems
- Web-based, remote access and management
- Separate heating and cooling setpoints with deadband control via *EnergyCenter*
- User-definable occupied and unoccupied setpoints can be varied based upon schedule and curtailment stages
- *autaniNet* secure wireless 2.4GHz communications with other network devices
- Compatible with Autani's *MINI* occupancy sensors with programmable occupancy delays
- Large backlit display with keyboard locks and PIN protected installer setup menus
- Optional Key Card holder to set occupancy for Hospitality projects
- Available wired and wireless door/window contacts to set back HVAC when doors and windows are open
- **Designed & Made in the USA**

Specifications

ELECTRICAL
- Input Voltage: 24VAC 50/60Hz +/- 15%
- Relay Rating: 24VAC @ 1 Amp max. per relay

TEMPERATURE SENSING
- Accuracy: +/- 0.3° @ 77°F
- Temperature Sensor(s): 10K NTC type 3
- Display Resolution: 0.1°F

DISPLAY
- Display Size (WxH): 2.75 x 1.875in
- Back Light: Blue EL (Electro Luminescent)
- Back Light Life: 3,000 hours to half brightness

OPTIONS
- Keyboard Lock: Multiple level selection
- Heating Setpoint Range: 41°F to 120°F
- Cooling Setpoint Range: 43°F to 122°F
- Internal Sensor Calibration: +/- 9°F

EQUIPMENT COMPATIBILITY
- 1 Heat/ 1 Cool
- 2 Heat/ 2 Cool
- 2 Heat/ 1 Cool Heat Pump
- 3 Heat/ 2 Cool Heat Pump
- 2 Heat/ 1 Cool Dual Fuel
- 3 Heat/ 2 Cool Dual Fuel

RADIO NETWORK (autaniNet)
- IEEE 802.15.4-2003 2.4GHz ISM
- Range: Up to 2000' LOS transmit/ receive

REGULATORY APPROVALS
- FCC ID: V8NZRB1000152
- IC: 7737A-ZRB1000152

ENVIRONMENTAL
- Operating Temp: 32° to 122°F (0° to 50°C)
- Storage Temp: 32° to 105°F (0° to 40°C)
- Operating RH: 0-95% (non-condensing)

PHYSICAL
- Dimensions (HxWxD): 5.52 x 4.49 x 1.07in
- Color: White
- Weight: 9 oz

Indoor use only

Ordering Information

SKU	Description
A01-09-0140-01	Autani T32P Wireless Thermostat
Optional Accessories	
A01-09-0537-01	T32S1 Indoor/ Outdoor Wired Remote Temperature Sensor
A06-01-0440-01	autaniNet/EnOcean Bridge
A07-05-0001-01	Key Card Holder, 24VDC, for vacancy detection
A07-01-0403-01	autaniNet Wireless Range Extender. Includes 24VDC Power Supply with parallel blade plug.
A07-01-0403-02	autaniNet Wireless Range Extender. Requires 24VDC Power Supply (not included).

Dimensions

$1\frac{1}{16}$" [2.71cm]

$5\frac{1}{2}$" [14.02cm]

$4\frac{1}{2}$" [11.36cm]