

J5T-WIFI-B / J5T-WIFI-W



- Commercial Touchscreen Wi-Fi Thermostat
- Standard (Gas/Electric) up to 2H/2C
- Heat Pump up to 3H/2C
- Humidity Sensing & Dehumidification Control
- 2 x 10K Thermistor Inputs
- 1 x Digital Input
- NetX Internal Expansion Port
- 7 Day Programmable + 80 Calendar Events
- Onboard Data Logging
- BACnet/IP, Modbus TCP/IP Embedded

GENERAL DESCRIPTION:

Complete Stand-Alone Solution

The J5T-WIFI-B (black case) and J5T-WIFI-W (white case) are Wi-Fi touchscreen thermostats with two 10K thermistor inputs and one digital input, designed for new or replacement commercial and residential applications. Use the J5T-WIFI for either conventional or heat pump applications (Gas/Elect 2H/2C, HP 3H/2C) with Roof Top, Split, FCU, and other equipment types. The J5T-WIFI also has a revolutionary NetX Expansion Port for the NetX CO₂ sensor, NLC Lighting Control, or other future accessories. The powerful processor allows near effortless setup of your daily schedules (4 events per day) and up to 80 Calendar Events (40 Special and 40 Calendar). The unique scheduling structure also supports the powerful features of adjustable temporary override times and temperature ranges, occupied and unoccupied events, touchscreen lockout, and many more features. In addition to the powerful NetX ecosystem, the J5T-WIFI also includes full both Modbus TCP/IP and BACnet/IP over Wi-Fi, directly on the thermostat.

The J5T-WIFI is designed to operate with our NetX-Cloud™ Online Management software and/or behind your firewall using DirectConnect™ to the embedded web server. With all functions stored in the thermostat, the J5T-WIFI will continue to operate even during network outages, allowing you to maintain your energy savings. For ultimate control over energy usage, the J5T-WIFI offers a digital lockout that can permit limited temperature overrides based on your requirements. The on-board data collection allows for historical review, sub-metering, and run-time reporting.

STANDARD FEATURES:

NetX-Cloud™ & CloudManager™ Available

Energy Savings

- Efficient Equipment Restart™ randomizes equipment starts to minimize multiple units turning on simultaneously when there are multiple NetX thermostats at the location
- Random Restart on power up staggers restart of HVAC system after a power outage to minimize peak in-rush current
- Adaptive Recovery for Schedules allows system to achieve desired setpoint at the beginning of the schedule

Monitoring

- Two 10K thermistor inputs for remote room temperature and pipe temperature sensing for 2-pipe auto-changeover applications
- One Digital Input for general alerting or wired NetX Occupancy Sensors
- NetX Expansion Port for CO₂, NLC Lighting, and other future accessories
- On-board Data Logging with Sub-Metering Support

Connectivity

- NetX-Cloud™ Internet-Based Cloud Service
- Local Network & Port Forwarded Access
- DirectConnect™ Integrated Web Server
- Integrated NetX™ API, Supports 3rd Party Apps
- BACnet/IP and Modbus TCP/IP over Wi-Fi (use either or both)

Facility Management

- 4 independent schedules per day
- 80 Additional Calendar Events (40 Special and 40 Calendar)
- Commercial Lockout with Programmable Temporary Override Time and Temp Adjustment
- Min/Max Heating and Cooling Restrictions
- Email & Text Message Alerting for up to 4 Recipients
- Alerts include High/Low Temps for Indoor, Outdoor, Inefficient Equipment Operation, Change Filter Notifications, and more

General

- Sleek Black Touchscreen Display with White Icons, Black or White Case
- Modes: Heat, Cool, Automatic Changeover
- Integrated Humidity Sensing and Dehumidification Control
- Fan Selector for Independent Fan Control
- Programmable Recirculation Fan
- Integrated Weather with Current Conditions and 7-Day Forecasts
- Embedded Web Server with responsive design allowing access from any device with a browser

