Thermostat
TW780

Smart Thermostat with Energy Savings Capabilities

The TW780 wireless digital thermostat is designed to control and monitor HVAC systems. The TW780 contains a robust interface and is designed for use with networked systems where remote monitoring and/or remote control are desired. It is available in either black or white to suit the room décor.

By installing the TW780 in hotel rooms, the customer will see a decrease in energy consumption and increased energy cost savings within a few utilities billing cycles.

TW780 Installer Tool
For convenient property deployment, the TW780 PC Installer App provides a step-by-step process for programming the TW780 via USB cable. The installer can create multiple profiles in the installer app that can be customized per room type. The app allows for the installer to easily duplicate profiles and room types and can pre-program each thermostat prior to on-property installation.

TW780 with Aruba
Streamlined onboarding process of the TW780 thermostat to the Aruba AP system with control dashboard.

Product USPs

Hospitality

Central control

Energy management

Wi-Fi™

aruba
a Hewlett Packard Enterprise company

Features

- Large LCD with white backlight
- Local temperature display
- System mode (Off, Auto Changeover, Heat, Cool)
- Heating and cooling setpoint
- Online reporting and remote control via integration with existing customer Wi-Fi and cloud infrastructure (Example: AWS IoT / Azure / etc.)
- Test mode allows the installer to test portions of the HVAC equipment without running an actual HVAC operation
- Internal temperature and humidity sensor
- On-screen setup of HVAC type, fan type, changeover type for HP systems, F/C mode and sensor calibration
- Degrees in Fahrenheit or Celsius modes
- Compatible with the majority of conventional HVAC systems
- Wired 24VAC power required

The TW780 is avialable in two colors, white and black. Please contact your sales representative for more information.

Specifications

Power

- Power Supply: 24VAC operation requires both 24VAC (R) and 24VAC common (C) wires from the HVAC System
- Wiring Requirements: Uses standard thermostat connections, (C, R, W1, W2, O/B, Y1, Y2, G) - 18 AWG

HVAC System Compatibility

- Fancoil: 1-stage heating, 2-stage cooling, 2 or 3-speed fan
- Heat Pump HVAC Systems: 3-stage heating, 2-stage cooling
- Standard gas/electric HVAC Systems: 2-stage heating, 2-stage cooling
- HVAC modes: Off, Heat, Cool, Four Fan Modes (Auto, On-Low, On-Med., On-High)

Interactivity

- User interface: Six button touchscreen menu (Menu, Scheduled, Current Mode, Current Fan Mode, temp down, temp up), Fixed format display with 16-character message bar
- Backlit
- Adaptive Backlight

Interoperability

- Temperature sensor (Onboard)
- Humidity sensor (Onboard)

Dimensions

- Product Dimensions INCH (LxWxH): 6.00x4.00x0.75
- Product Dimensions MM (LxWxH): 152.4x101.6x19.1

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