Daintree® Wireless Controls
Wireless Thermostat (WTS10)

Project Name _____

Date _____ Type _____

Catalog Number _____

Description

The **WTS10** is a wireless commercial programmable thermostat that can connect to any single or multi-stage conventional or heat pump HVAC system, providing automatic temperature control. As part of the ControlScope system and using industry standard ZigBee wireless communications, the WTS10 can be centrally managed and programmed from any location using the ControlScope Manager (CSM) web application, eliminating the need for on-site, manual thermostat adjustment.

- Typically used in buildings under 50,000 square feet
  - Small box retail
  - Food service
  - Convenience store
  - Small/branch/field commercial office
- For use with single zone packaged rooftop units
- Remote thermostat configuration and scheduling
- Built-in temperature sensor or wireless remote temperature sensor capable
- Online monitoring of thermostat and temperature status
- Over-the-air (OTA) firmware upgrade support

Ordering Information

Product Code	Product Description
WTS10	Daintree Networked Wireless Thermostat

Warranty

Current offers 24 x 7 support with a 30-minute rapid response time for technical issues. The average tenure of Current's support is 10 years and a 93% overall satisfaction rating. The table below summarizes the warranty period for all components of the Daintree system.

Component	Warranty Period	Coverage Details
Daintree Software	1 year (IoT Cloud installed Software) Subscription term (SaaS) 3 years	Current warrants that as long as all applicable fees due are paid, Daintree Software will substantially conform to the applicable published documentation and published specifications for the Warranty Period.
System Controller	3 years	100% parts coverage. Warranty for non-Daintree software (such as operating system software) is provided by the respective software; Current makes no warranty with respect to non-Daintree software.
WACs	5 years	100% parts coverage
Wireless Adapters	5 years	100% parts coverage
Wireless Devices	5 years	100% parts coverage, excluding batteries.
Wireless Thermostats	2 years	100% parts coverage

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Current Certification	
Operating Environment	32°F to +113°F (0°C – 45°C)
Radio Properties	2405 ~ 2475MHz Transmit Power max 10dbm
Compliance	Radio Equipment Directive 2014/53/EU

WTS10
CAUTION **RISK OF EXPOSURE IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSAL OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS**

Specifications

Dimensions	136mm (L) x 106mm (H) x 27mm (D)
Indicators	White LCD backlight: 5 sec after SYS/FAN key press, 30 sec after other key press LEDs (Orange, Multi-color): Network status, Error
Time Display	12 hours AM/PM with day and date display
System Mode	OFF – HEAT – COOL – AUTO – EM HEAT
Fan Mode	AUTO – ON
Keypad Lock-out	Unlocked Lockout level 1: locks all except setpoints, system mode and fan mode Lockout level 2: locks all except setpoints Fully locked
Temperature Sensor	Built-in or Remote (wireless connectivity)
Temperature Measurement	Fahrenheit or Celsius Display range: 14°F – 99°F (5°C – 37°C) Display resolution: 1°F (1°C) Setting range: 45°F – 90°F (7.0°C – 32.0°C) Setting resolution: 1°F (0.5°C) Accuracy: +/- 1°F @ 75°F
Control	Switching differential 1st stage: User selectable, 0.5°F, 1.0°F, 2.0°F (0.25°C, 0.5°C, 1.0°C), Default = 0.5°F (0.25°C) Switching differential 2nd stage: Fixed 2°F (1°C) wSwitching differential 3rd stage: Fixed 2°F (1°C) Operational differential: Less than +/- 2°F Control timing: Compressor short cycle timer – 5 min Residual cooling fan delay: User selectable, 0 (disabled), 30, 60, 90 sec, Default = 60 sec
Switching Circuit	Control Switches: Latching type relay, 2A max load per relay Relays: 1st stage/Aux heating control 2nd stage/Emergency heating control Fan Control Heating/Cooling O/B control, 3rd stage conventional heat control 1st stage cooling control / 1st stage heat-pump heating control 2nd stage cooling control / 2nd stage heat-pump heating control
Operating Environment	32°F to +113°F (0°C – 45°C) Indoor use only
Radio Properties	2405 ~ 2475mhz Transmit power max 10dbm
Compliance	ETL listed FCC ID: D12CT-EM2606, IC ID: 1700A-CT-EM2606
Power Supply	24VAC, 50/60Hz
Warranty	2 Years

Current ⬡ LED.com

DT000-Daintree-WTS10-Wireless-Thermostat-Spec-Sheet