SUBMITTAL SHEET

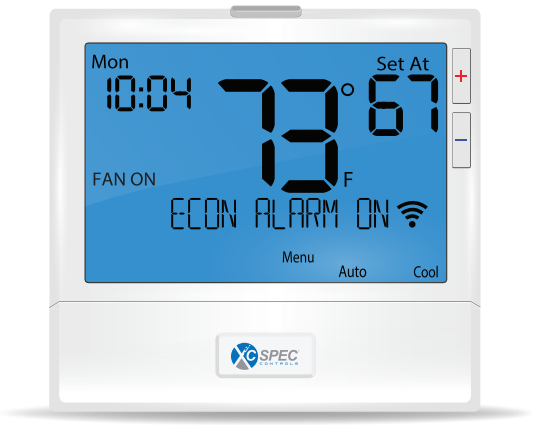
Job Name:	Location:
Name:	Date:
Engineer:	Mechanical Operator:
Representative:	Type of Job: RNC ☐ R&R ☐ Commercial ☐
Notes:	

TstatPro+

TST-PLU-03

Residential/Commercial

Hardwire Only



CloudBEAM and AQ Installer App Available
Supports Up to 2 Heat / 3 Cool Conventional Systems
Supports Up to 5 Heat / 3 Cool Heat Pump Systems
Hardwire 0–10V / 2–10V Output
Wired or Wireless Communication to Remote Equipment
Time-Based Occupancy with Push-Button Override
Economizer Alarm Input – Displays Alerts on the Thermostat
Powered Exhaust Ready – Provides Space Pressure Control
Wired Occupancy Through Repurposed B or O Relay
Add Up to 3 Additional Zones for Extended Control of Pressure, Temperature, and Humidity
Supports Pre-Occupancy Purge

Application

The TstatProPlus is designed for single-stage and multi-stage control of conventional and heat pump equipment. An embedded web server supports commissioning through a mobile device or PC. When configured with an economizer, time-based occupancy and push-button override functions are available as outputs. The economizer/FDD alarm output can be configured to provide annunciation on the front panel.

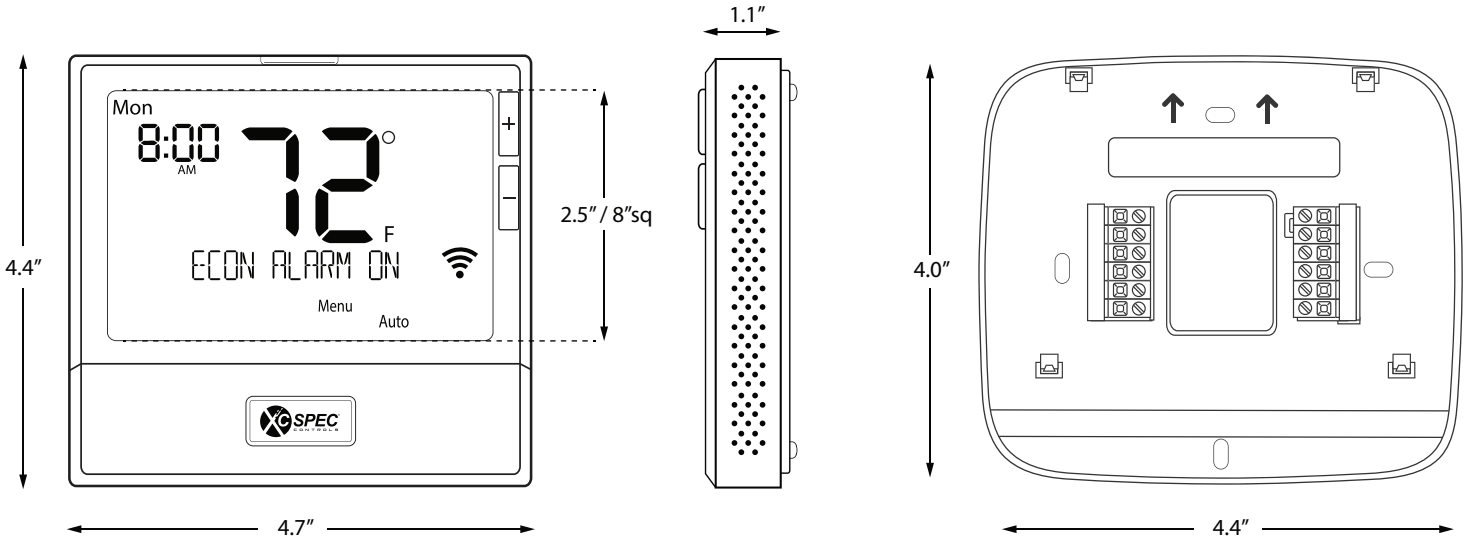
The thermostat provides wireless or wired communication to remote control equipment. Configure the thermostat to communicate with powered exhaust or economizer devices using Wi-Fi Direct or through a Wi-Fi connected access point. If RF penetration to the roof is not available, the thermostat can communicate over existing power wires using the RTU wLink+. The RTU wLink+ then provides a wired interface to the economizer or powered exhaust system.

Specifications

Terminal Designations	Rc, Rh, G, Y, Y2, C , O, B, W/E, W2, D, H, S1 (DCV Out), S2 (Econ alrm in)
Terminal Load Rating	1 amp per terminal, 1.5 amp maximum all terminals combined
Power Source	18 to 30 VAC, NEC Class II, 50/60 Hz for hardwire (common wire)
Display Range	41°F to 95°F (5°C to 35°C)
Control Range	44°F to 90°F (7°C to 32°C)
Display Accuracy	+/- 1°F
Cool Swing	Adjustable from 0.2°F to 2.0°F
Heat Swing	Adjustable from 0.2°F to 2.0°
Radio Communications	IEEE 802.b/g/n
FCC	FCC CFR 47 Part 15 Subpart B 6100A-CU300
Warranty	5 year warranty

Product	Part Number	Operating Ambient Temperatures	Operating Relative Humidity	Physical Dimensions (inches)
TstatPro+	9901-0020	32˚ to 105˚ F (0˚C to 41˚C)	90% Non-Condensing Max	4.7L x 1.1W x 4.4H
RTU wLink+	9901-3035	-4˚ to 149˚ F (0˚C to 65˚C)	N/A	1.75L x 0.75W x 0.5H

Measurements



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