

Job Name:	Location:
Name:	Date:
Engineer:	Mechanical Operator:
Representative:	Type of Job: RNC <input type="checkbox"/> R&R <input type="checkbox"/> Commercial <input type="checkbox"/>
<input type="checkbox"/> AQ TstatPro+ with indicator Panel 9901-0021	Notes:
<input type="checkbox"/> AQ TstatPro+ without indicator Panel 9901-0027	

AQ TstatPro+

With and Without Indicator Panel

Residential/Commercial

Hardwire Only

CloudBeam and installer app available

Up to 2 heat, 3 cool conventional

Up to 5 heat, 3 cool heat pump

Embedded CO² sensor

Hardwire 0-10v/2-10V DCV output

Economizer alarm in - displays on thermostat

Powered exhaust ready - provides space pressure

Wired occupancy through repurposed B or O relay

Occupancy override button

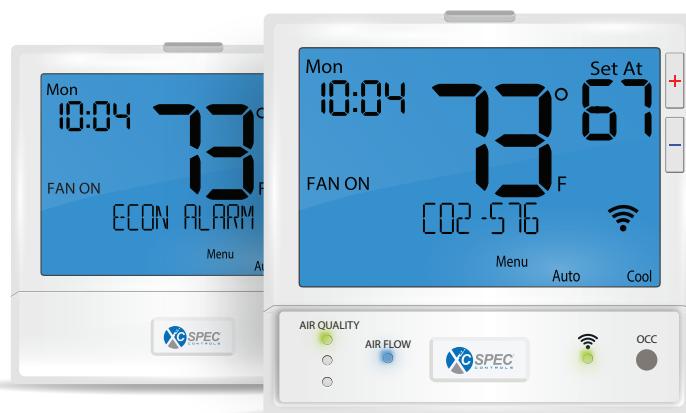
Wired Or Wirelessly LINK (WOWLink) to remoted equipment

CO² based ventilation mode - runs fan when CO² over threshold

ERV compatible output - relay or analog out

Add up to 3 additional zones for extended control over

CO², pressure, temperature / humidity



Application

The AQ TstatPro+ is designed for single stage and multistage control of conventional and heat pump equipments. An embedded Web Server supports mobile phone or PC commissioning. When configured with an economizer, the thermostat provides Demand Ventilation and Occupancy outputs to the economizer. The Economizer FDD alarm output can be configured to annunciate on the front panel. CO² parts per million can be configured to display on front panel. The WOWLink provides wireless or wired communications to remote control equipment. Configure the thermostat to communicate with the powered exhaust or economizer with Wi-Fi direct or over WiFi provided access point. If RF penetration to the roof is not available, WOWLink communicates over the thermostat power lines to RTU wLink+. The RTU wLink+ then provides wired interface to the economizer or powered exhaust.

****This thermostat can be selected with or without the indicator panel on the front.**

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°
CO ² Accuracy	400-2000 +/- 50 ppm, 2001 - 5000 +/- 40 ppm
CO ² Calibration	Auto Background or Manual Calibration options, Auto Altitude adusts
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)
AQ TstatPro+	9901-0027	32° to 105° F (0°C to 41°C)	90% Non-Condensing Max	4.7L x 1.1W x 4.4H
AQ TstatPro+ with indicator panel	9901-0021	32° to 105° F (0°C to 41°C)	90% Non-Condensing Max	4.7L x 1.1W x 4.4H
RTU wLink+ <i>Required for WOWLink</i>	9901-2037	-4° to 149° F (0°C to 65°C)	N/A	1.75L x 0.75W x 0.5H

Measurements

