



## ElitePRO® S900 Smart Thermostat

### SUBMITTAL SHEET

Job Name	
Engineer	
Mechanical Contractor	
Contractor's P.O. No.	
Representative	
Approval	
Service Tag No.	
Notes	

Model(s)			
THX900W1	Qty.		Notes
THX900B2	Qty.		Notes

### APPLICATION

- Residential or light commercial.
- 2-pipe or 4-pipe fan coil unit.
- PTAC
- Economizer control.
- Up to 4H/2C Heat Pump systems
- Up to 2H/2C Conventional systems.\*
- Dual fuel and aux heat lockout.
- Hot water systems including Series 20 and hot water coil.
- Radiant floor with slab sensor.
- Control a humidifier, dehumidifier, or ventilator.
- Wired outdoor sensor or Internet weather.
- Geofence capable. Auto-away option using the app.
- Selectable ranges stops: min and max heat and cool.
- DST enabled.
- 5 year warranty.
- Works with THP9045A wire-saver module.

\* Extra heat or cool stage using U terminal.

### SPECIFICATIONS

#### Model numbers:

- THX900W1 (White S900 Thermostat with Grey bottom accent)
- THX900B2 (Black S900 Thermostat with black bottom accent)

**Cool Indication:** Displays snowflake icon behind indoor temperature during a cool call.

**Heat Indication:** Displays sun icon behind indoor temperature during a heat call.

**Clock Accuracy:** Updates automatically when connected to the App/Internet. When not connected to Internet  $\pm 1$  minute every month (30 days) at 77°F.  $\pm 2$  minutes per month over the operating ambient temperature range.

**Mounting Means:** Thermostat packaged with a UWP wall plate that mounts directly on the wall in the living space using mounting screws and anchors provided. Use the cover plate (also included with thermostat) and its mounting bracket to cover marks from the previous thermostat or to mount the thermostat onto a junction box.

#### Wi-Fi Communication:

Provides remote access through smartphone or tablet when connected to Wi-Fi and registered to First Alert app. Dual-Band Wi-Fi: 2.4 & 5 GHz

This Matter-certified accessory can be used with an Apple Home hub such as HomePod or Apple TV running the latest software

List of partners can be found at:

[honeywellhome.com/smart-partners](http://honeywellhome.com/smart-partners)

#### Energy Star Certified

**Bluetooth®:** BLE 2.4GHz

**Power Method:** 24 volts to Rc and C required (no batteries)

**Power Consumption:** 2.2 VA

**Input Ratings:** 24V~ 60 Hz, 0.09A

**Humidification Setting Range:** 0% to 90% RH

**Dehumidification Setting Range:** 10% to 100% RH

**Humidity Display Range:** 0% to 99%

**Humidity Sensor Accuracy:**

$\pm 5\%$  RH from 30% to 50% RH at 75 °F (24 °C)

**Temperature Setpoint Range:**

Heating: 40 °F to 90 °F (4.5 °C to 32 °C)

Cooling: 50 °F to 99 °F (10 °C to 37 °C)

**Operating Ambient Temperature:** 37 °F to 102 °F. (2.8 °C to 38.9 °C)

**Shipping Temperature:** -20 °F to 120 °F. (-28.9 °C to 48.9 °C)

**Operating Relative Humidity:** 5% to 90% (non-condensing)

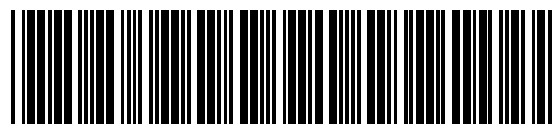
**Display Size:** 4.3" touchscreen display

**Physical Dimensions in Inches (mm):**

Thermostat: 3-9/19" H x 5-1/4" W x 7/8" D (90mm H x 133mm W x 24mm D)

#### Electrical Ratings (ElitePRO thermostat):

Terminal	Voltage (50/60Hz)	Running Current
W Heating	20-30 Vac	0.02-1.0 A
W2 (Aux) Heating	20-30 Vac	0.02-1.0 A
E Emergency Heat	20-30 Vac	0.02-0.5 A
Y Compressor Stage 1	20-30 Vac	0.02-1.0 A
Y2 Compressor Stage 2	20-30 Vac	0.02-1.0 A
G Fan	20-30 Vac	0.02-0.5 A
O/B Changeover	20-30 Vac	0.02-0.5 A
L/A	20-30 Vac	0.02-0.5 A
U/U IAQ	20-30 Vac	0.02-0.5 A



33-00760-01

## Regulatory information

### FCC Regulations

#### 47 CFR § 15.19 (a)(3)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference,
- (2) This device must accept any interference received, including interference that may cause undesired operation.

#### 47 CFR § 15.21

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### 47 CFR § 15.105 (b)

For additional FCC information for this product, see:

<https://customer.resideo.com/en-US/support/residential/codes-and-standards/FCC15105/Pages/default.aspx>

### IC Regulations

#### RSS-GEN

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

### RF Exposure Statement: FCC and IC Regulations

#### Warning:

The antenna(s) used for these transmitters must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. Operations in the bands 5150-5250 MHz and 5250-5350 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

#### Electronic Waste Notification

The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.

By using this Resideo literature, you agree that Resideo will have no liability for any damages arising out of your use or modification to, the literature. You will defend and indemnify Resideo, its affiliates and subsidiaries, from and against any liability, cost, or damages, including attorneys' fees, arising out of, or resulting from, any modification to the literature by you.

FROM

**resideo**

[www.resideo.com](http://www.resideo.com)

Resideo Technologies, Inc.  
Scottsdale, AZ 85254  
1-800-633-3991  
33-00760-01 KK Rev. 03/26

© 2026 Resideo Technologies, Inc. All rights reserved.

The Honeywell Home trademark is used under license from Honeywell International, Inc. This product is manufactured by Resideo Technologies, Inc. and its affiliates.

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. AirPlay, iPad, iPad Air, iPad Pro, iPhone and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. HomePod is a trademark of Apple Inc.