

Wi-Fi 9000 Thermostat

SUBMITTAL SHEET

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

Model(s)			
TH9320WF5003	Qty.		Notes
Approval			
Service			
Tag No.			

APPLICATION

Wi-Fi 9000 allows remote access through a Smartphone, Tablet or Computer. It controls up to 3H/2C heat pump systems and up to 2H/2C conventional systems. Thermostat is selectable for Residential or Light Commercial applications.

- The thermostat is equipped with a high-definition touchscreen display.
- Provides Remote Access through Smartphone, Tablet or Computer when connected to Wi-Fi and registered to mytotalconnectcomfort.com
- Customize the screen color to match any décor.

SPECIFICATIONS

Terminal Designations:

TH9320WF Thermostat: R, RC, C, W-O/B, W2-AUX/E, Y, Y2, G, L, K

Electrical Ratings:

Terminal	Voltage (50/60Hz)	Max. Current Rating
W - O/B	18 to 30 VAC	1.00A
Y (cooling)	18 to 30 VAC	1.00A
G (fan)	18 to 30 VAC	0.50A
W2 - Aux/E	18 to 30 VAC	1.00A
Y2 (Cooling)	18 to 30 VAC	1.00A

Wi-Fi Communication Requirements:

802.11 b/g/n routers
Android or IOS Smartphone, tablet or device

Dimensions (in.): 3 1/2 in. High, 4 1/2 in. Wide, 7/8 in. Deep

Dimensions (mm.): 88 mm. High, 115 mm. Wide, 22 mm. Deep

Display Size: 8.06 sq in

Tri-Lingual Display (selectable for English, French or Spanish)

Supply Voltage: 18 to 30 Vac

Switch Positions: (System) HEAT-OFF-COOL-AUTO-EM.HEAT

Switch Positions: (Fan) AUTO-ON-CIRC-FOLLOW SCHEDULE

Operating Temperature Range: 32 °F to 120 °F (0 °C to 48.9 °C)

Temperature Sensor Accuracy: ± 1.5 °F at 70 °F
(0.75 °C at 21.0 °C)

Temperature Setting Range:

(Adjustable high limit for heat. Adjustable low limit for cool.)
Heating: 40 to 90 °F (4.5 to 32 °C)
Cooling: 50 to 99 °F (10 to 37 °C)

Operating Humidity Range: (% RH) 5 to 90% RH, non-condensing

Power Method: Hardwired (C-wire)

Color: Premier White®

Display: Color Touchscreen

Programmability: 7 Day Program or Non-Programmable

Scheduling: On-line scheduling or locally at thermostat.
Residential or non-residential program schedules. Holiday scheduling for non-residential applications.

Humidity Sensor Accuracy:
± 5% RH from 30% to 50% RH at 75 °F (24 °C)

Cool Indication:
Displays "Cool On" when the thermostat turns the cooling on.

Heat Indication:
Displays "Heat On" when the thermostat turns the heating on.

Auxiliary Heat Indication:
Displays "Aux Heat On" when the thermostat turns the auxiliary heat on.

Interstage Differential:
The thermostat keeps the indoor temperature within 1 degree of the setpoint. The thermostat turns on stage 2 when the capacity on stage 1 reaches 90%.

Clock Accuracy:
If not connected to Wi-Fi: 1 minute per month at 77 °F (25 °C). ± 2 minutes per month over the operating ambient temperature range.

If connected to Wi-Fi and registered to Total Connect Comfort: the current time is synced via the Internet.

Mounting Means:
Thermostat mounts directly on the wall in the living space using mounting screws and anchors provided. Fits a horizontal 2 x 4 in. junction box. Use a cover plate and its mounting bracket to mount the thermostat onto a vertical 2 x 4 in. junction box.

Alerts and reminders: on display and through app.

Home and Building Technologies

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