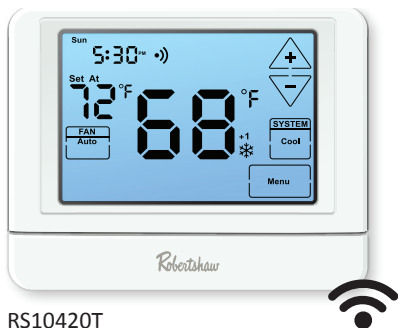# RS10420T

Programmable WiFi Thermostat
Multi-Stage – 4 Heat / 2 Cool

Robertshaw®

RS10420T

Features and Benefits

- 7-day programmable
- Large 8.8-square-inch blue backlit touchscreen display
- Auto changeover
- WiFi- / smartphone-accessible using Robertshaw app for iOS or Android
- Alexa-compatible
- C-wire Required

Description

Contractors can offer owners easy, yet powerful and reliable multi-stage temperature control in a simple, modern design with the RS10420T programmable wall thermostat.

Easy installation.
- Large terminal blocks
- Universal sub-base

Easy setup.
- Quick-access menu button
- Contractor/technician setup menu
- Easy-to-understand programming menus
- Intuitive wake, leave, return, sleep programming icons
- Factory pre-set energy-efficiency program

Simple, yet powerful control.
- Large, easy-to-read 8.8-square-inch blue backlit touchscreen display
- Compatible with universal WiFi standards
- Compatible with Alexa and Robertshaw app (iOS or Android)
- Adjustable temperature differential (swing) for energy optimization and maximum system life

- Adjustable room temperature calibration
- Adjustable setpoint limits
- Compressor delay protection for short-cycling prevention
- Filter change reminder
- Keypad lockout
- Dual fuel compatible
- Auto changeover

Designed and built for reliability.
- ISO9001-certified

Specifications

Dimensions (W x H x D)	4.7 x 3.8 x 1 in. (119.6 x 97.6 x 26 mm)
Mounting	Wall or junction box
System compatibility	Two-stage conventional heating and cooling or four-stage heating and two-stage cooling with heat pump
System fuel source	Gas, electric or oil
Heat pump compatibility	Systems with or without auxiliary or emergency heat
Millivolt application compatibility	No
Temperature range	32°F to 99°F (0°C to 40°C)
Control temperature range	41°F to 90°F (5°C to 32°C)
Display accuracy	±1°C (at 20°C) / ±1°F (at 68°F)
Power source	24V AC (18 to 30V AC), 50/60 Hz for hardwire (common wire required)
Terminals	Rh, Rc, C, Y, Y2, W/E, W2, G, O, B

Replacement Information

Verify specific application requirements before substitution.

RS10420T	
Pro1®	T855I, 701i
Honeywell	TH6320WF1005, TH8320WF1029/U, TH8732WFH5002/U, TH6220WF2006, TH6320WF2003, TH8321WF1001, TH9320WF5003
Braeburn®	7320, 7305, 7300, 6300, 5325
Emerson™ White-Rodgers™	1F87U-42WF
Aprilaire®	8910W