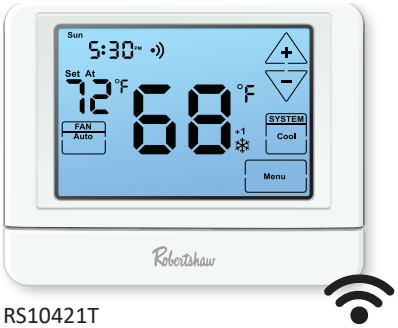
RS10421T

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

Robertshaw
RANCO • PARAGON • CASTFUTURA



RS10421T

Features and Benefits

- Humidification/dehumidification control
- Compatible with RS9055OUT Remote Sensor
- 7-day programmable
- Large 8.8-square-inch blue backlit touchscreen display
- 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 RS10421T 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.
- Humidification/ dehumidification and ventilation control
- Compatible with wireless remote sensor RS9055OUT
- 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
- 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, H, D

6 Year Limited Warranty

24V AC Powered
(C-wire required)

Available on the iPhone App Store

ANDROID APP ON Google play

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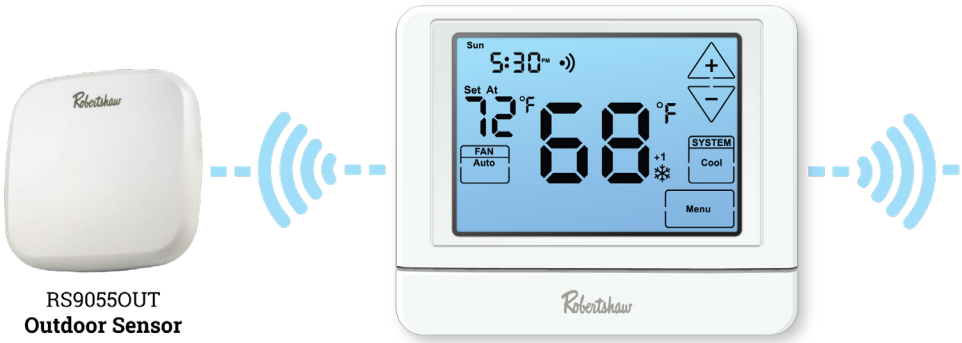
Replacement Information

Verify specific application requirements before substitution.

RS10421T	
Pro1®	T855ISH
Honeywell	TH6220WF2006, TH6320WF2003, TH8321WF1001
Braeburn®	7320, 7500
Copeland White-Rodgers™	1F87U-42WF, IF95-1291

Optional Accessory
Wireless Outdoor Temperature Sensor RS9055OUT



RS9055OUT
Outdoor Sensor

Thermostat

Features and Benefits

- Senses outdoor temperature
- Use for dual fuel balance point applications
- Durable weatherproof design
- Compatible with RS9423T or RS10421T thermostat
- Wireless range from sensor to thermostat is 328 feet (100m)
- Battery powered (AA Batteries included)
- 1 year limited warranty

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