

Robertshaw®

# RS10421T

Installation Manual



Thank you for purchasing a Robertshaw® thermostat. This manual will describe how to install and test the Robertshaw RS10421T thermostat.

This WiFi digital programmable thermostat allows you to control the temperature anytime and anywhere. It features a large backlit display and LCD touchscreen for ease of programming.

Compatible with any iOS or Android smartphone.

## Thermostat System Types

Gas, Oil or Electric Furnace
Heat Pumps (with or without auxiliary or emergency heat)
Multi-Stage Systems
Heat Only, including for Floor and Wall Furnace
Cool Only
Millivolt Heating Systems

# INSTALLATION MANUAL

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## Important Safety Information Warning

- Always turn off the power at the main power source by unscrewing fuse or switching circuit breaker to the off position before installing, removing, cleaning or servicing thermostat.
- Read all of the information in this manual before installing or programming this thermostat.
- This is an 18-30V AC low voltage thermostat. Do not install on voltages higher than 30V AC.
- All wiring must conform to local and national building and electrical codes and ordinances.
- Do not short (jumper) across terminals on the gas valve or at the system control to test installation. This will damage the thermostat and void the warranty.

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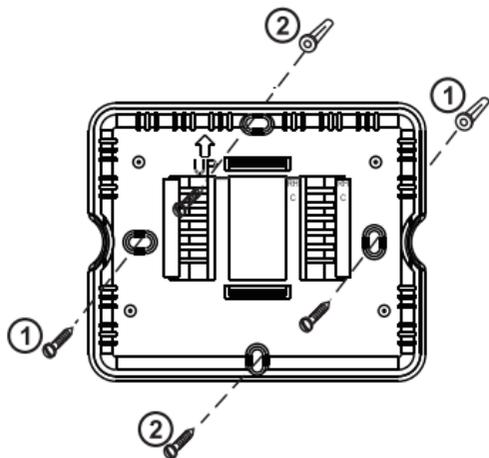
## SPECIFICATIONS

Display Range	32°F to 99°F (0°C to 40°C)
Control Range	41°F to 90°F (5°C to 32°C)
Load Rating	1 amp per Terminal, 1.5 amp Maximum all Terminals Combined
Differential	Heating is Adjustable from 0.2° to 2.0° Cooling is Adjustable from 0.2° to 2.0°
Power Source	18 to 30 VAC, NEC Class II, 50/60 Hz for Hardwire
Operating Ambient Temperature	32°F to +105°F (0°C to +41°C)
Operating Humidity	90% Non-Condensing Maximum
Dimensions	4.7" W x 4.4" H x 1" D
Operating Frequency	433.92MJz

# INSTALLATION

## Back Plate Installation

- ① Horizontal Mount
- ② Vertical Mount



For a vertical mount, put screws on the top and bottom.

For a horizontal mount, put screws on the left and the right.



### Caution: Electrical Hazard

Disconnect power before installing this product. Failure to do so can cause electric shock or equipment damage.

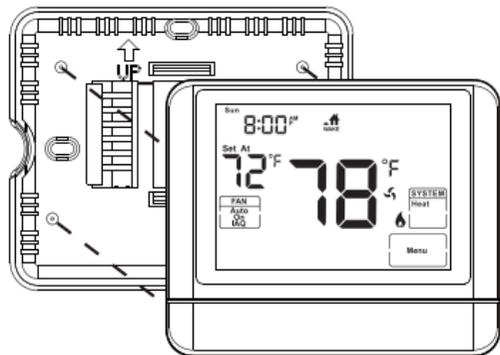


### Mercury Notice

This product is mercury-free. However, if this product is replacing a control which contains mercury, it needs to be disposed of properly. Contact your local waste management authority for instructions regarding recycling and proper disposal of the control.

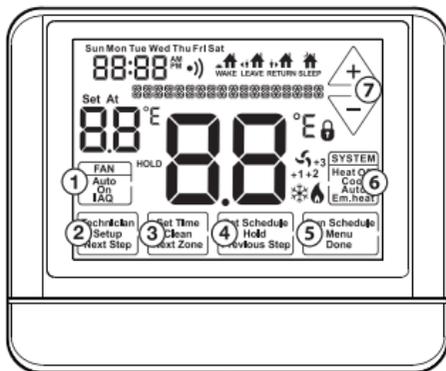
## Mounting Thermostat

Align the 4 tabs on the faceplate with the corresponding slots on the back of the thermostat, then push gently until the thermostat snaps in place.



# THERMOSTAT QUICK REFERENCE

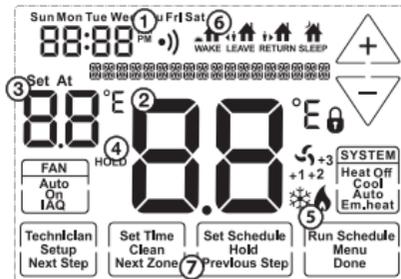
## Getting to know your thermostat (RS10421T)



- 1 Fan Buttons
- 2 Next Step Buttons
- 3 Set Time Buttons
- 4 Program Buttons
- 5 Menu Buttons
- 6 System Buttons
- 7 Setpoint Buttons

# THERMOSTAT QUICK REFERENCE

## Getting to know your thermostat (RS10421T)



- 1 Days of the week and time.
- 2 Indicates the current room temperature.
- 3 Displays the user selected setpoint temperature.
- 4 Hold is displayed when thermostat program is overridden.
- 5 System Operation Indicators:  
If these icons are flashing, there is a 5-minute delay for compressor protection.
- 6 Programmable Time Periods:  
Residential uses 4 time periods - **WAKE, RETURN, LEAVE and SLEEP.**
- 7 Program Menu Options:  
Displays different options during programming.

## WIRING

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### **Caution: Electrical Hazard**

Disconnect power before installing this product. Failure to do so can cause electric shock or equipment damage.

### **Wiring**

1. If you are replacing a thermostat, make note of the terminal connections on the thermostat that is being replaced. In some cases the wiring connections will not be color coded. For example, the green wire may not be connected to the G terminal.
2. Loosen the terminal block screws. Insert wires then re-tighten the terminal block screws.
3. Do not over-tighten terminal screws! Maximum torque is 6 in-lbs. Over-tightening terminal block screws can damage the terminal block. A damaged terminal block may prevent the thermostat from fitting on the faceplate and could cause system operation issues.
4. Place nonflammable insulation into the wall opening to prevent drafts.

## Terminal Designations

The following terminals on the thermostat back plate are wired according to the type of HVAC system connected to and how the thermostat is configured.

Terminal	2 Heat 2 Cool Conventional System	2 Heat 1 Cool Heat Pump System	3 Heat 2 Cool Heat Pump System
R	Transformer Power (cooling/heating)	Transformer Power (cooling/heating)	Transformer Power (cooling/heating)
C	Transformer Common	Transformer Common	Transformer Common
O/B	Reversing Valve/ Configurable Terminal	Reversing Valve/ Configurable Terminal	Reversing Valve/ Configurable Terminal
G	Fan Relay	Fan Relay	Fan Relay
W/E	First Stage of Heat	Emergency Heat	First Stage of Auxiliary Heat
Y	First Stage of Cool	First Stage of Heat & Cool	First Stage of Heat & Cool
Y2	Second Stage of Cool	N/A	Second Stage of Heat & Cool
W2	Second Stage of Heat	Auxiliary Heat	Second Stage of Auxiliary Heat
H	Humidify	Humidify	Humidify
D	Dehumidify	Dehumidify	Dehumidify



### **Installation Note:**

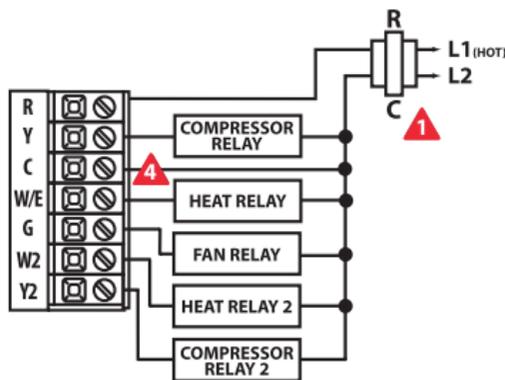
Devices such as a float switch that mechanically break circuits should be installed so that they break the control wire (Y) not the power (R). Interrupting the power circuit will shut off power to the thermostat completely and not allow it to operate.

### **Wire Specifications Tip**

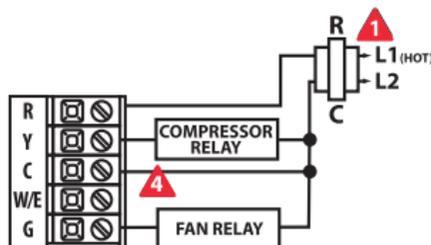
Use 18- to 22-gauge thermostat wire.  
Shielded wire is not required.

- 1 Power supply
- 2 Humidifier connection port
- 3 Thermostat must be set to O and B to match the changeover valve. O is the cool changeover valve. B is the heat changeover valve.
- 4 The Auxiliary Heat Relay is energized as the second stage of heat.
- 5 Dehumidifier connection port

## Typical 2H/2C System: 1 Transformer



## Typical Cool-Only System with Fan

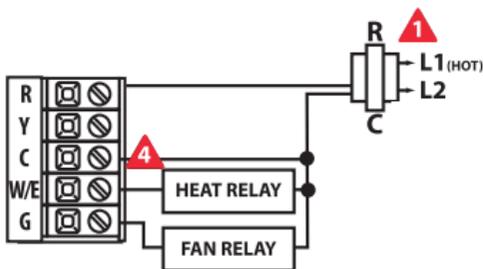


## WIRING DIAGRAMS

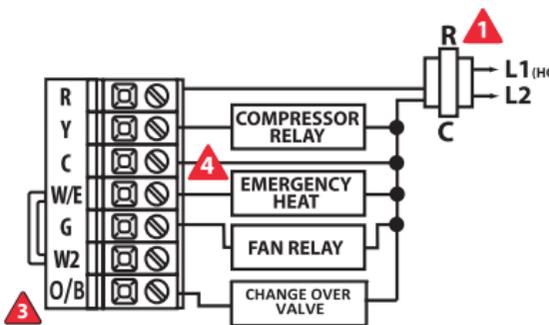
### Note

In many heat pump systems without an emergency heat relay, a jumper can be installed between E and W2 to turn the thermostat into a single stage control for Emergency Heat Operation.

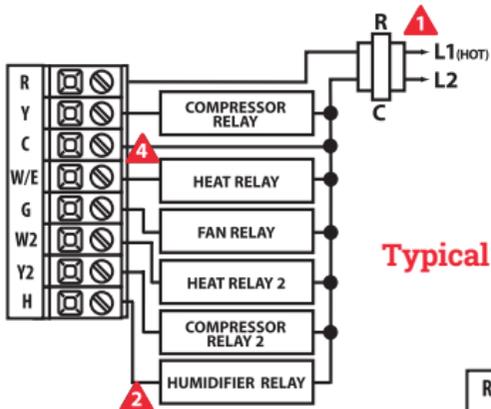
### Typical Heat Only System with Fan



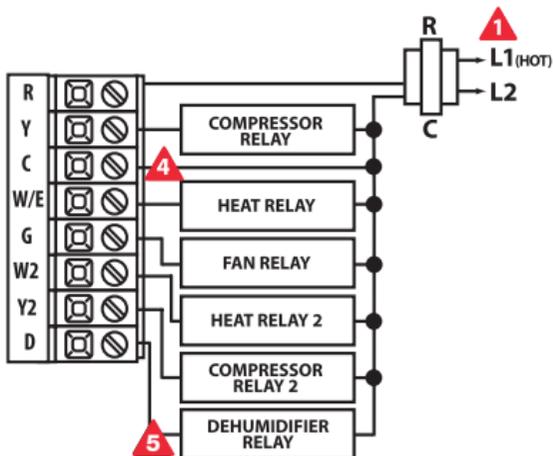
### Typical 2H/1C Heat Pump System



## Typical 3H/2C with 24 VAC Humidifier



## Typical 2H/2C System with Dehumidify Terminal



## TECHNICIAN SETUP

1. Press **MENU** button.
2. Press and hold **TECHNICIAN SETUP** for 3 seconds. The 3 second delay is designed so that homeowners do not accidentally access the installer settings.
3. Configure the installer options as desired using the table below.
4. Use  or  keys to change settings and the **NEW STEP** or **PREV STEP** key to move from one step to another.

Note: Only press **DONE** key when you want to exit the Technician Setup options.

Tech Setup Steps		LCD Will Show	Adjustment Options	Default
Setup WiFi	WiFi router parameter configuration.	WIRELESS SETUP		
Pair	Release transmitter and receiver pair code.	PAIR	Press and hold Fan for 3 seconds until <b>LE</b> is flashed.	
Filter Change Reminder	This setting will flash a reminder in the display after the elapsed runtime to remind the user to change the filter. The <b>OFF</b> setting will disable this feature.	FILTER OFF  SE	The filter change reminder can be adjusted from <b>OFF</b> to 2000 hours in 50-hour increments.	OFF
Room Temperature Calibration	This setting allows the installer to change the calibration of the room temperature display so that, for example, the thermostat would read 72° instead of 70°.	CALIBRATE  0°F	The room temperature display can be adjusted to read up to 4° above or below the factory calibrated temperature.	0

Tech Setup Steps		LCD Will Show	Adjustment Options	Default
<p>Minimum Compressor On-Time</p>	<p>The installer can select the minimum runtime for the compressor to help protect the compressor from short-cycling.</p>	<p>MIN COMP OF</p>	<p>The minimum compressor runtime can be adjusted from OFF to 3, 4 or 5 minutes. If 3, 4 or 5 is selected, the compressor will run for at least the selected time before turning off (although the fan may continue to run for a short time).</p>	<p>OFF</p>
<p>Compressor Short Cycle Delay</p>	<p>The compressor short cycle delay setting will not allow the compressor to be turned on for 5 minutes after it was last turned off in order to protect the compressor.</p>	<p>COMP PROTECTS ON</p>	<p>The compressor short cycle delay setting can be removed by selecting OFF.</p>	<p>ON</p>
<p>Cooling Swing</p>	<p>The cooling swing is factory preset at 0.5°. This means that whenever the room temperature heats by 0.5° full degree from the temperature setting, the cooling system will turn on. If the cooling system turns on too often, increase the temperature swing.</p>	<p>COOL SWING 0.5°F</p>	<p>The cooling swing setting is adjustable from 0.2°F to 2°F.</p>	<p>0.5</p>

# TECHNICIAN SETUP

Tech Setup Steps	LCD Will Show	Adjustment Options	Default
<b>Heating Swing</b>	HEAT SWING  0.4°F	The heating swing setting is adjustable from 0.2°F to 2°F.	0.4
<b>Heat Pump</b>	HEAT PUMP  OF	<b>OFF</b> configures the thermostat for conventional systems. <b>ON</b> configures the thermostat for heat pump systems.	OFF
<b>System Set</b>	SYSTEM SET  	Use  or  buttons until the desired application is flashing. <b>AUTO</b> = (Auto Changeover)	OFF

Tech Setup Steps	LCD Will Show	Adjustment Options	Default
<p>Stages of Heat + Cool</p>	<p>The thermostat can be configured to operate up to a 2H/2C conventional heat pump system or a 4H/2C conventional heat pump system.</p> <p>This feature is only shown if <b>HEAT PUMP</b> is <b>ON</b>.</p>	<p>Use the  or  key to first select stages of heat, press next - then select stages of cool.</p> <p>3 or 4 heat will use Y1 and Y2 as 1st and 2nd stage of heat.</p>	<p>2 Stages</p>
<p>Dual Fuel</p>	<p>When the <b>HEAT PUMP</b> is <b>ON</b> (when the oil and gas dual-purpose system is enabled) and the RS9055OUT induction temperature is greater than the Dual Fuel setting temperature, electric heating will be utilized. When the RS9055OUT induction temperature is less than the Dual Fuel setting temperature, oil will be utilized.</p>	<p>The Dual Fuel setting can be adjusted between 30°F to 70°F. Use  or  to select the temperature point for automatic switching between oil and electric.</p>	<p>32°F</p>
<p>Cooling Fan Delay</p>	<p>The cooling fan delay setting will delay the fan from coming on in cool mode and keep it running after the compressor shuts off for a short time to save energy in some systems.</p>	<p>You can set the cooling fan delay to <b>OFF</b>, 15, 30, 60 or 90 seconds. If 15, 30, 60, or 90 is selected the fan will not turn on for that many seconds when there is a call for cool and will run for that many seconds after satisfying a call for cool.</p>	<p>OFF</p>

# TECHNICIAN SETUP

Tech Setup Steps	LCD Will Show	Adjustment Options	Default
<b>Program Options</b>	The thermostat can be configured to have a 7 day program or be non-programmable.	 PROGRAM OPTIONS 7d Use  or  to select 7d or 7 day, or Od for non-programmable.	7d
<b>Heating Temperature Setpoint Limit</b>	This feature allows you to set a maximum heat setpoint value. The setpoint temperature cannot be raised above this value.	 HEAT LIMIT 90°F Use the  or  key to select the maximum heat setpoint. Range 41°F - 90°F	90°
<b>Cooling Temperature Setpoint Limit</b>	This setting allows the installer to set a minimum cool setpoint value. The setpoint temperature cannot be lowered below this value.	 COOL LIMIT 41°F Use the  or  key to select the minimum cool setpoint. Range 41°F - 90°F	41°
<b>F° or C°</b>	Select F for Fahrenheit temperature display or select C for Celsius display.	 OF F OR C SEY 83°F *F for Fahrenheit *C for Celsius	°F

# TECHNICIAN SETUP

Tech Setup Steps	LCD Will Show	Adjustment Options	Default	
<p>12- or 24-Hour Clock</p>	<p>Select a 12- or 24-hour clock setting.</p>	<p>12 H</p>	<p>Use the  or  key to select 12- or 24-hour clock.</p>	<p>12-Hour Clock</p>
<p>Fan Operation</p>	<p>Select <b>GAS</b> or <b>ELECT</b> depending on the type of furnace.</p>	<p>GAS FAN OPERATION</p>	<p>Gas or Elec</p>	<p>GAS</p>
<p>Morning Recovery</p>	<p>This setting will start heating early to bring the temperature to its programmed setpoint by the beginning of the <b>WAKE</b> period.</p>	<p>MORNING RECOVERY  ON</p>	<p>Use the  or  key to turn on or off.</p>	<p>ON</p>
<p>Display Light</p>	<p>The display light can be configured to come on only when the light key or any other key is selected, or to stay on <b>ALL</b> of the time.</p>	<p>AUTO  DL</p>	<p><b>AUTO</b> - Any key ON  <b>ON</b> - Always ON</p>	<p>AUTO</p>
<p>Contractor Call Number</p>	<p>Allows you to input your phone number in the display. Selecting <b>ON</b> will enable this feature. <b>OFF</b> will disable this feature.</p>	<p>PHONE NUM  OF</p>	<p>If selected on, you will see the input screen after pressing next step. Use the  or  keys to select the desired number and the <b>FAN</b> or <b>SYSTEM</b> key to move from one character to another.</p>	<p>OFF</p>

## TECHNICIAN SETUP

Tech Setup Steps	LCD Will Show	Adjustment Options	Default
<p data-bbox="83 381 189 437">IAQ Mode Cycle</p> <p data-bbox="229 188 524 395">This setting will configure the fan to run a selected number of cycles per hour. Note: This mode can be enabled or disabled at any time during normal operation by selecting <b>IAQ</b> mode with the fan key. Turning this feature on shows <b>IAQ</b> option in fan key.</p> <p data-bbox="229 420 524 627">This programmable mode will operate the fan 1-4 cycles per hour, 1-45 minutes per cycle. Once programmed in Technician Setup select <b>IAQ</b> with the fan key to enable this mode. Disable this mode by selecting <b>ON</b> or <b>AUTO</b> with the fan key.</p>	 <p data-bbox="576 317 654 382">OF</p> <p data-bbox="567 501 665 515">IAQ MODE CYCL</p>	<p data-bbox="699 363 999 451">Select OFF, 1, 2, 3 or 4 with the  or  buttons. This sets the number of cycles per hour that the <b>IAQ</b> fan mode will operate.</p>	<p data-bbox="1076 397 1118 418">OFF</p>
<p data-bbox="75 762 204 818">IAQ Minutes Per Cycle</p> <p data-bbox="229 733 524 837">This setting allows for the selection of the minimum number of minutes that the fan will run for each <b>IAQ</b> Mode cycle.</p>	 <p data-bbox="611 698 620 750">1</p> <p data-bbox="576 871 665 885">IAQ MODE MIN</p>	<p data-bbox="699 700 986 835">Select 1, 5, 10, 15, 20, 30 or 45 minutes. When <b>IAQ</b> fan mode is enabled, the thermostat will ensure the fan runs at least the selected number of minutes per for each <b>IAQ</b> Mode Cycle.</p>	<p data-bbox="1091 778 1101 798">1</p>

Tech Setup Steps		LCD Will Show	Adjustment Options	Default
Beep	An audible noise will sound when any key is depressed unless this setting is in <b>OFF</b> mode.	BEEP OF	If <b>ON</b> is selected, the noise will sound.  If <b>OFF</b> is selected there will be no sound.	ON
Humidify	This setting adds humidity when the system is in <b>HEAT</b> mode.	OF HUMIDIFY	Use  or  to turn on or off. If <b>ON</b> is selected, the humidity will be displayed on the main screen and the <b>HUM</b> terminal will energize when the humidity setpoint is above the ambient humidity in <b>HEAT</b> mode.	OFF
Dehumidify	This setting removes humidity when the system is in <b>COOL</b> mode.	OF DEHUMIDIFY	Use  or  to turn on or off. If <b>ON</b> is selected, the humidity will be displayed on the main screen and the <b>DHM</b> terminal will energize when the humidity setpoint is below the ambient humidity in <b>COOL</b> mode.	OFF
Humidity Calibration (Only shows if Humidify or Dehumidify is set to ON.)	This setting allows the installer to change the calibration of the ambient humidity displayed.	0 HUMIDITY CRL	Use the left and right arrows to adjust the calibration +/-3. Each one unit of adjustment amounts to approximately 5%.	0

# TECHNICIAN SETUP

Tech Setup Steps		LCD Will Show	Adjustment Options	Default
<b>HUM Terminal</b> (Only shows if humidify is set to ON)	See the chart below for <b>HUM Terminal</b> options		Use the left and right arrows to select the <b>HUM</b> terminal option. See the chart below for an explanation of these options.	1
<b>DHM Terminal</b> (Only shows if dehumidify is set to ON)	See the chart below for <b>DHM Terminal</b> options		Use the left and right arrows to select the <b>DHM</b> terminal option. See the chart below for an explanation of these options.	1

## HUM Terminal

Options	HUM Terminal Energizes When the Ambient Humidity Is...
1	Below the Humidity Setpoint and Heat or Fan is Energized
2	Below the Humidity Setpoint and Heat is Energized
3	Below the Humidity Setpoint. It Will Also Energize the Fan if Humidity is Selected.
4	Below the Humidity Setpoint

OPTIONS	DHM Terminal Energizes When the Ambient Humidity Is...
1	Above the Humidity Setpoint and Cool or Fan is Energized
2	Above the Humidity Setpoint. It Will Also Energize the Fan if Dehumidify is Selected.
3	Above the Humidity Setpoint
4	Above the Humidity Setpoint and the Compressor is Not Running

Tech Setup Steps	LCD Will Show	Adjustment Options	Default
<p><b>Humidity Pad Reminder</b></p>	<p>Enables a reminder for the user to change the humidity pad.</p>	<p>Use the  or  key to select OFF, 600, 1000, 1500 or 2000.</p> <p>These represent hours of heat operation.</p>	<p>OFF</p>
<p><b>MAC ID</b></p>	<p>This setting displays the <b>MAC</b> address of WiFi module.</p>	<p>MACID 980863079022</p>	
<p><b>Firmware Version</b></p>	<p>This setting displays the version of firmware that is installed in the thermostat.</p>	<p>FIRMWARE VER 0100</p> <p>Press <b>NEXT</b> button to move to next step. Press <b>DONE</b> button to exit. Press and hold <b>TECH</b> button to enter <b>ADVANCED TECH STEPS</b>.</p>	
<p><b>Factory Default Reset</b></p>	<p>This step resets all WiFi settings to factory default.</p>	<p>NO RESET TO DEFAULT</p> <p>Press <b>YES</b> to reset.</p>	

## TECHNICIAN SETUP

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### Differential Setting Tip

The second stage will turn on at 2x the differential setting and turn off at 1x the differential setting. For example, if the differential is 0.5°F for heating and the thermostat is set at 70°F, the first stage will turn on at approximately 69.5°F and turn off at approximately 70.5°F. The second stage will turn on at 69°F and turn off at approximately 69.5°F.

### Keypad Lockout

The function of activating your lockout choice takes place after you have exited tech setup. To lock or unlock the keypad hold down the **MENU** button for 3 seconds.

## Set Time of Day and Day of Week

1. Press the **MENU** button.
2. Press **SET TIME**.
3. Day of the week will be flashing. Use  or  to select the current day of the week.
4. Press **NEXT**.
5. The current hour will be flashing. Use  or  to select the current hour. Note the correct a.m. or p.m. indicator is selected.
6. Press **NEXT**.
7. The minutes will be flashing. Use  or  to select the current minutes.
8. Press **DONE** when completed.

## PROGRAMMING

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1. Select **HEAT** or **COOL**.

Note: Heat and cool need to be programmed separately.

2. Press **MENU**.

3. Press **SET SCHED**.

Note: Monday will be displayed and the **WAKE** icon will be shown.

4. Time will be flashing. Use  or  to make your time selection for that day's **WAKE** time period.

5. Press **NEXT**.

6. The setpoint temperature will be flashing. Use  or  to make your setpoint selection for that day's **WAKE** time period.

7. Press **NEXT**.

8. Repeat steps 4 through 7 for that day's **LEAVE** time period, **RETURN** time period, and **SLEEP** time period.

9. Repeat steps 4 through 8 for the remaining days of the week.

**Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday**

Repeat steps 4 thru 7 for the remaining days of the week.

### Factory Default Program

Robertshaw® RS10421T thermostats are shipped with an energy saving default program. The thermostat can be programmed to have all the weekdays the same, the same setpoints for all weekdays or a separate program for Saturday and a separate program for Sunday. There are four time periods for each program (**WAKE, LEAVE, RETURN, SLEEP**).

# PROGRAMMING

Factory Default Program				
DAY OF THE WEEK	EVENTS	TIME	SETPOINT TEMPERATURE (HEAT)	SETPOINT TEMPERATURE (COOL)
WEEKDAY	Wake 	6 a.m.	70°F (21°C)	75°F (24°C)
	Leave 	8 a.m.	62°F (17°C)	83°F (28°C)
	Return 	6 p.m.	70°F (21°C)	75°F (24°C)
	Sleep 	10 p.m.	62°F (17°C)	78°F (26°C)
SATURDAY	Wake 	6 a.m.	70°F (21°C)	75°F (24°C)
	Leave 	8 a.m.	62°F (17°C)	83°F (28°C)
	Return 	6 p.m.	70°F (21°C)	75°F (24°C)
	Sleep 	10 p.m.	62°F (17°C)	78°F (26°C)
SUNDAY	Wake 	6 a.m.	70°F (21°C)	75°F (24°C)
	Leave 	8 a.m.	62°F (17°C)	83°F (28°C)
	Return 	6 p.m.	70°F (21°C)	75°F (24°C)
	Sleep 	10 p.m.	62°F (17°C)	78°F (26°C)

### Outdoor Sensor



RS9055OUT  
Outdoor Sensor



Thermostat



The RS9055OUT is an optional wireless outdoor remote temperature sensor and can be used 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

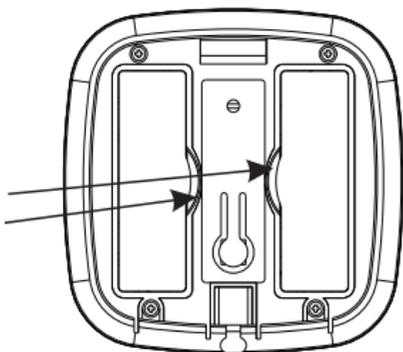
## OPTIONAL ACCESSORY - RS9055OUT

### Mounting & Battery Installation

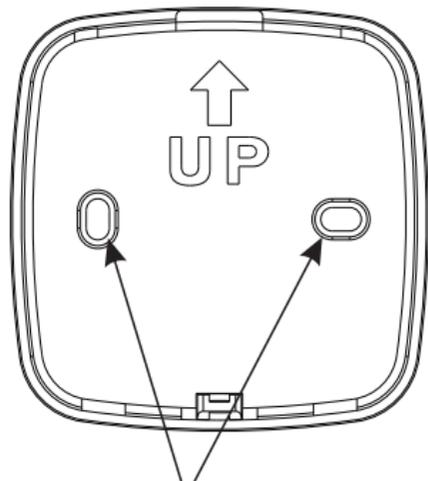


Detach the rear panel of the remote from the front panel by loosening the screws at the bottom of the cover as shown in the figure.

Use a screwdriver to open the battery cover from the arrow position.



### Mounting & Battery Installation



#### Horizontal Mount

For horizontal mount put one screw on the left and one screw on the right.



1. Position the rear panel with the insert at the top of the remote and then snap toward the bottom.



2. Tighten the screws with a screwdriver.

## OPTIONAL ACCESSORY - RS9055OUT

### Getting to Know Your Remote Temperature Sensor

The temperature of RS9055OUT is displayed in the upper left corner of RS10421T (**OUTDOOR** shows alternately with time).

When **HEAT PUMP** is selected to **ON** (when the oil and gas dual-purpose system is enabled) and the RS9055OUT induction temperature is greater than the **DUAL FUEL** setting temperature, electric heating will be utilized. When the induction temperature is less than the **DUAL FUEL** setting temperature, oil will be utilized.

Install two AA Alkaline batteries. Be sure to match positive (+) ends of batteries with positive (+) battery terminals in the battery compartment.

**SENSOR BATT LOW**  
is displayed  
at **LOW** voltage.



Learning code  
red indicator

#### Learning Code Button

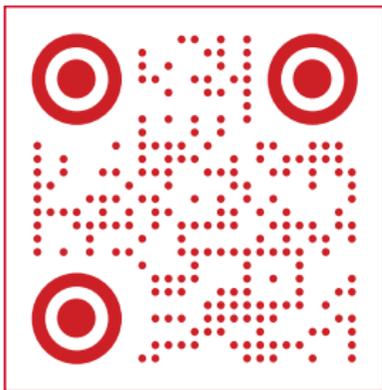
Press **CONNECT** button for 3 seconds to enter code learning configuration mode (red light flashes quickly).

### Radio Frequency Pairing

1. Press **MENU** button on RS10421T thermostat.
2. Press and hold **TECHNICIAN SETUP** button for 3 seconds.
3. Press **FAN** button to start **RF PAIR** (enter the learning code pairing mode).
4. Press and hold **CONNECT** button on RS9055OUT remote temperature sensor (red light flashing)
5. The message **SUCCESS** will be displayed on your thermostat screen.

## SETTING UP WIFI CONNECTION AND APP

The Robertshaw RS10421T Programmable WiFi thermostat works with the **Robertshaw Thermostat App** which is available for iOS and Android platforms. Users can download the App from the Apple Store or Google Play.



Use Phone to Scan for App  
Installation Instructions



### English

"This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

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

### French

"Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

## FCC STATEMENT

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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, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

### FCC Radiation Exposure Statement

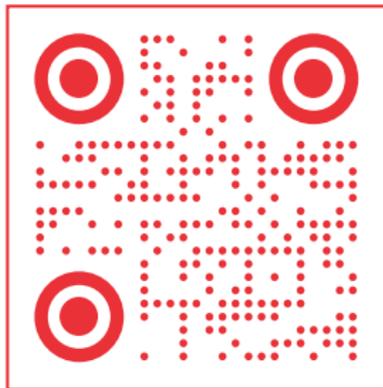
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.



**Robertshaw**

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