

# Robertshaw®



## Comfort Control Made Simple

The Robertshaw® RS4000 thermostat family is *Simply the Right Choice™* when it comes to automated temperature controls.

With the comfort, convenience, and efficiency features that homeowners and contractors want, the RS4000 family provides custom program options in value-packed thermostats for an affordable price.

- Quick connect wiring feature to save up to 15 minutes on every installation.
- Pop-up Wizard to customize thermostat settings with an instant start-up menu.
- Fully adjustable differentials to maintain optimal heating and cooling comfort year-round.

All RS4000 thermostats are fully compatible with all standard 24V AC heating and cooling systems. Additional compatibility with multi-stage gas/electric furnaces and heat pump systems are available in the RS4220 and RS4320 models.

Add in easy installation, Contractor ID option, and quality you can depend on, and you have the Robertshaw RS4000 thermostat family - *Simply the Right Choice.*

RS4110  
RS4220  
RS4320

VALUE SERIES  
DIGITAL NON-PROGRAMMABLE  
THERMOSTATS



ELECTRIC    GAS    OIL    HEAT PUMP    MILLIVOLT

RS4110 – 1 Heat / 1 Cool

RS4220 – Universal Control up to 2 Heat / 2 Cool

RS4320 – Universal Control up to 3 Heat / 2 Cool

## Features and Benefits

**Universal Control up to 2 Heat / 2 Cool – RS4220 only**

**Universal Control up to 3 Heat / 2 Cool – RS4320 only**

Operates on both multi-stage gas/electric furnaces and heat pumps means less inventory.

### Auto Changeover

Switches automatically between heating and cooling for constant home comfort.

### Pop-Up Wizard

Launches instant installation menu to quickly enter the settings for programmed thermostat functions.

### Bigger Brighter Backlight with Nightlight Option

Makes viewing and setting the temperature easier any time of the day.

### Worry-Free Memory Retention

Maintains set point and programmed parameters, even during power outages.

### Easy Change Battery Access

Provides drop down removable compartment for quick battery replacement.

### Circulating Fan

Maintains optimal air circulation between demand cycles for improved comfort with minimal energy use.

### Adjustable Temperature Differential and Upstaging

Provides for full selection of parameters to deliver maximum comfort or energy savings.

### High and Low Setpoint Limits

Protects the heating and cooling systems by limiting temperature settings.

An ISO 9001 – 2008 Certified Company

California Title  
24 Compliant

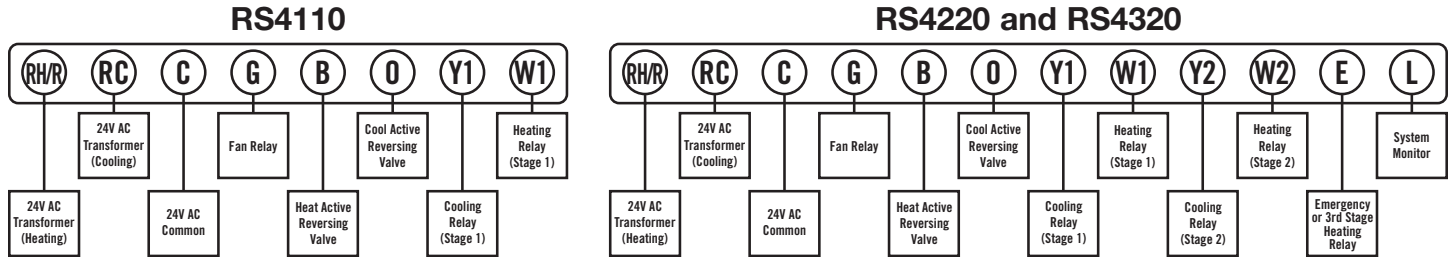
5 Year  
Limited  
Warranty



- OR -



## Terminal Designations



## Technical Specifications

<b>Product Weight</b>	12.8 oz.
<b>Electrical Rating</b>	24V AC (18-30V AC) 1 amp maximum load per terminal 3 amp total maximum load (all terminals combined)
<b>Temp. Control Range</b>	45°F to 90°F (7°C to 32°C)
<b>Accuracy</b>	± 1°F (± 0.5°C)
<b>Power</b>	24V AC with battery back-up OR 3.0V DC (2 AA alkaline batteries included)
<b>System Configurations</b>	Two stage gas, electric, oil, millivolt, and up to three stage heat pump systems
<b>Terminations</b>	<b>RS4110</b> – RH/R, RC, C, G, B, O, Y1, W1 <b>RS4220 / RS4320</b> – RH/R, RC, C, G, B, O, Y1, W1, Y2, W2, E, L

## Shipping Specifications

Individual Carton Dimensions	6.75" x 4.375" x 1.625"
Master Carton Quantity	6
Master Carton Dimensions	9.25" x 5.625" x 7.625"
Master Carton Weight	5 lbs.
Pallet Quantity	1170
Pallet Dimensions	40" x 48" x 48"

## Replacement Chart

RS4110	
Robertshaw®	9400, 9401
Braeburn®	1005, 3000
Lux	DMH110, PDS111
Honeywell	T8775C, T8401C, TH1110D, TH3110D, TH5110D,
White-Rodgers	1F78-144, 1F78H-144, 1F86-0471, 1F86-241, 1F86-344
RS4220	
Robertshaw	9415, 9420
Braeburn	1200, 3100, 3200
Lux	DHP2120, PSDH121
Honeywell	TH1210D, TH3210D, TH5220D, TH8411R
White-Rodgers	1F73-174, 1F83-0471, 1F83-277
RS4320	
Braeburn	3300
Honeywell	TH5320D
White-Rodgers	1F83-0471

Verify specific application requirements before substitution.