



# RS1000 Series

**Robertshaw**  
CLIMATE

**Economy Series  
Digital Thermostats**

**Battery Operated  
Manual and 5-1-1 Day Programmable**

**RS1010 – 1 Cool Only**

**RS1100 – 1 Heat Only**

**RS1100-72 – 1 Heat Only w/72°F Upper Limit**

**RS1110 - 1 Heat / 1 Cool Gas/Electric/HP**

## GENERAL DESCRIPTION:

The Robertshaw Climate™ RS1000 Economy Series of 5-1-1 Day programmable thermostats is an impressive new low cost thermostat. With a beautiful vibrant blue backlight, the RS1000 series is *Simply The Right Choice™* for an economical programmable thermostat for new and replacement residential applications. They can be configured to control conventional gas or electric HVAC, heat pump, oil and millivolt equipment.

There are four models of the RS1000 including a standard 2-wire single heat, a 2-wire single heat with 72°F upper limit, a 3-wire single cool, and a 4-wire conventional or heat pump thermostat.

All models can be configured for Fahrenheit or Celsius, and can be used as manual or 5-1-1 day programmable operation.

## STANDARD FEATURES:

- Heating, Cooling or Heating/Cooling Control
- Selectable Fahrenheit or Celsius Display
- 5-1-1 Day Programmable & Manual (non-programmable) Operation
- 4 Events / Day
- Temporary Override with Override Icon on Display
- Fan Selector for Automatic or Continuous Fan Operation
- Adjustable Temperature Differential
- Compressor Short Cycle Protection – Reduces wear and tear of HVAC equipment compressor
- Worry Free Memory Retention – Maintains programmed parameters even during power outages
- HVAC equipment control using dry contact relays
- Quick Wire Terminal Block – Uses sturdy wire clamps

## SPECIFICATIONS:

<b>Electrical Power:</b>	3VDC (2 x AAA alkaline batteries)
<b>Battery Life:</b>	1 Year (approximate)
<b>Relay Contact Voltage:</b>	24VAC / 50/60Hz
<b>Relay Contact Current:</b>	1 Amp maximum (inductive)
<b>Control Range:</b>	<b>Heating:</b> 40 to 90°F (5 to 32°C) in 1° steps <b>Cooling:</b> 60 to 95°F (16 to 35°C) in 1° steps
<b>Control Accuracy:</b>	+/-1°F @ 68°F (0.5°C @ 20°C)
<b>1<sup>st</sup> Stage Differential:</b>	+/-1°F (0.5°C) or +/-2°F (1°C)
<b>Dimensions:</b>	3.35"H x 4.5"W x 1"D (85mm 114mm x 102mm x 26mm)
<b>Terminations:</b>	<b>Cool Only Model:</b> R - 24V switching voltage, G – Fan, Y – Cool <b>Heat Only Models:</b> R - 24V switching voltage, W – Heat <b>Heat / Cool Models:</b> R - 24V switching voltage, G – Fan, W – Heat or O/B O - Rev. Valve in Cooling, B-Rev. Valve in Heating

## WIRING DIAGRAMS:

