



Series

Economy Series Digital Thermostats

RS1000

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

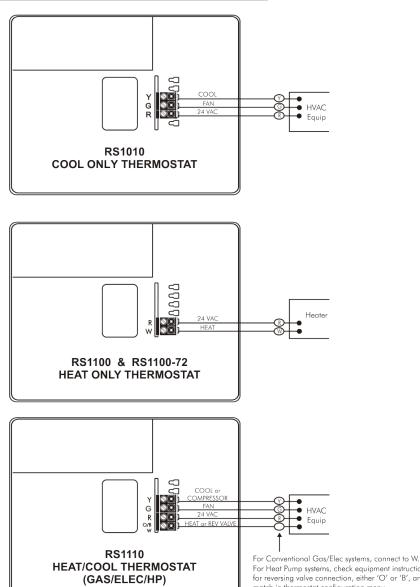
SPECIFICATIONS:

Electrical Power: Battery Life: Relay Contact Voltage: Relay Contact Current: Control Range:

Control Accuracy: 1st Stage Differential: **Dimensions: Terminations:**

3VDC (2 x AAA alkaline batteries) 1 Year (approximate) 24VAC / 50/60Hz 1 Amp maximum (inductive) Heating: 40 to 90°F (5 to 32°C) in 1° steps **Cooling:** 60 to 95°F (16 to 35°C) in 1° steps +/-1°F @ 68°F (0.5°C @ 20°C) +/-1°F (0.5°C) or +/-2°F (1°C) 3.35"H x 4.5"W x 1"D (85mm 114mm x 102mm x 26mm) Cool Only Model: R - 24V switching voltage, G – Fan, Y – Cool Heat Only Models: R - 24V switching voltage, W – Heat Heat / Cool Models: R - 24V switching voltage, G - Fan, W – Heat or O/B O - Rev. Valve in Cooling, B-Rev. Valve in Heating

WIRING DIAGRAMS:



For Heat Pump systems, check equipment instructions for reversing value connection, either 'O' or 'B', and match in thermostat configuration menu.