



RS7110

Robertshaw®
CLIMATE

Touchscreen Thermostat

7 Day and 5-2 Day Programmable
Speed Knob for Quick Adjustments
Full iOS and Android Apps
Web Portal

Standard (Gas/Electric/Oil)

1 Heat / 1 Cool

Heat Pump (Standard)

1 Heat / 1 Cool

GENERAL DESCRIPTION:

The RS7110 Wi-Fi® touchscreen thermostat is an automatic changeover, 1H/1C programmable thermostat with up to 8 periods per day. It is designed for new and replacement residential applications. The resistive touchscreen has a full color adjustable display with adjustable brightness and crisp modern imaging. The RS7110 can be configured to control single stage conventional air conditioning, gas, oil or electric heat, or heat pump HVAC equipment and even has an adjustable night light. To restrict access, the thermostat can be locked via the thermostat or the app, and includes the ability to restrict temperature adjustment ranges.

The RS7110 installation is as fast as it gets. Simply replace the thermostat, download the app, and follow the simple directions on the screen.

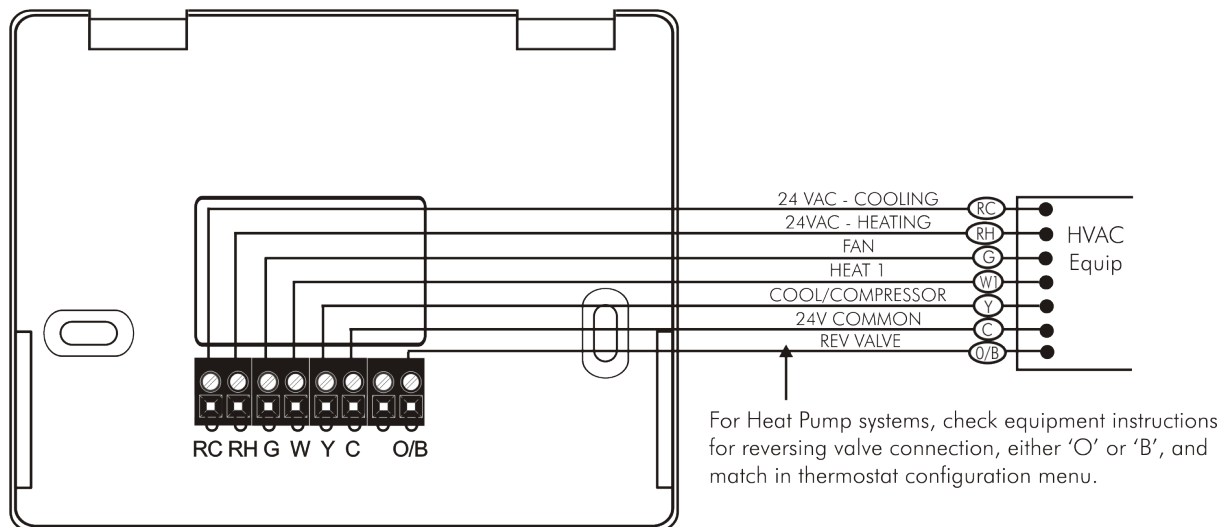
STANDARD FEATURES:

- Full Color, Resistive Touchscreen Display (3.5" Diagonal)
- Wi-Fi Connectivity and App (iOS and Android)
- Web Portal for Direct Browser Access
- Full Functionality with or without Wi-Fi Connectivity
- 7-Day and 5-2 Day Programmable with up to 8 events per day
- Temporary or Permanent Hold
- Multiple Scheduling Profiles
- Fahrenheit or Celsius Operation
- Automatic or Manual Time Setting, including Date Format
- Easy Comfort Settings for Home, Comfort, Away and Vacation
- Current Weather and 5 Day Forecast
- Auto Heat/Cool Changeover, Heating Only or Cooling Only Control
- Intuitive Setup Menu for Easy Configuration of Options
- Fan Selector for Automatic, Continuous or Recirculation Fan Operation
- Adjustable High Temperature and Low Temperature Alerts
- Automatic Low Temperature Freeze Protection
- Automatic High Temperature Heat Protection
- Selectable Fahrenheit or Celsius Display
- Sensor Offset Calibration
- HVAC equipment control using real relays

SPECIFICATIONS:

Rated Voltage:	20V to 30VAC, 24VAC nominal, 100mA
Rated A.C. / D.C. Current:	0.05 to 0.75 AC / 0.0 to 0.75 DC Amp continuous, per output, surges to 3 Amps max.
Control Range:	Heating: 46 to 88°F (8 to 31°C) in 1° steps Cooling: 50 to 99°F (10 to 37°C) in 1° steps
Thermostat Sensing Range:	20 to 124°F (0 to 48°C) Control Accuracy: +/-1°F @ 68°F (0.5°C @ 20°C)
Dimensions:	3 5/6"H x 4 3/8"W x 1"D
Equipment Terminations:	R - 24V switching voltage G - Fan W - Heat Y - Compressor C - 24V Common O/B - Reversing Valve (Heat Pump)

WIRING DIAGRAMS:



**RS7110 THERMOSTAT
(GAS/OIL/ELEC/HP)**