

RS7210



Touchscreen Thermostat

7 Day Programmable with Quick Copy High Resolution Screen Full iOS and Android Apps Web Portal

Standard (Gas/Electric/Oil)
2 Heat / 1 Cool

Heat Pump (Standard & Dual Fuel)
2 Heat / 1 Cool

GENERAL DESCRIPTION:

The RS7210 Wi-Fi® touchscreen thermostat is an automatic changeover, 2H/1C programmable thermostat with up to 8 periods per day. It is designed for new and replacement residential applications. The capacitive touchscreen has a full color adjustable display with adjustable brightness and crisp modern imaging. The RS7210 can be configured to control 2H/1C stage conventional air conditioning, gas, oil or electric heat systems or 2H/1C heat pump HVAC systems with electric or gas auxiliary heat, including dual fuel applications. The thermostat also includes an adjustable nightlight. To restrict access, the thermostat can be locked via the thermostat or the app, and includes the ability to restrict temperature adjustment ranges.

The RS7210 installation is a fast as it gets. Simply replace the thermostat, download the app, and follow the simple directions on the screen.

STANDARD FEATURES:

- Full Color, Capacitive Touchscreen Display (4.5" 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 dry contact relays

SPECIFICATIONS:

Rated Voltage: 20V to 30VAC, 24VAC nominal or 5VDC via micro-USB port

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: Cooling: 50 to 99°F (10 to 37°C) in 1° steps

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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 4/5"W x 1"D

Equipment Terminations: RC - 24V switching voltage – Cooling

RH - 24V switching voltage – Heating

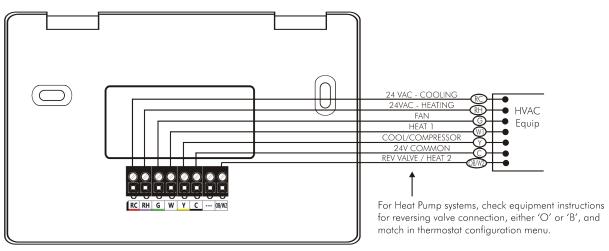
G – Fan

W – Heat 1 (Gas/Electric), Aux Heat/Emer Heat (Heat Pump) Y – Cooling (Conventional), Compressor (Heat Pump)

C – 24V Common

OB/W2 – O or B – Reversing Valve (Heat Pump), Heat 2 (Gas Electric)

WIRING DIAGRAMS:



RS7210 THERMOSTAT (GAS/OIL/ELEC/HP)