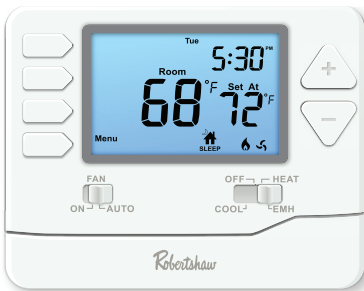# RS8210

Non-Programmable Thermostat
Multi-Stage – 2 Heat / 1 Cool

Robertshaw®

RS8210

Features and Benefits

- Quick, easy installation
- Modern, user-friendly design and operation
- Large, easy-to-read 4.6-square-inch blue backlit display
- Adjustable temperature differential (swing)
- Quick-access menu button

6 Year Limited Warranty

24V AC Powered

OR

Battery Operation (Included)

Description

Contractors can offer owners easy, yet powerful and reliable two-stage heating and one-stage cooling control in a simple, modern design with the RS8210 non-programmable wall thermostat.

Easy installation.
- Large terminal blocks
- Universal sub-base

Easy setup.
- Quick access menu button
- Contractor/technician setup menu

Simple, yet powerful control.
- Large, easy-to-read 4.6-square-inch blue backlit display

- Easy-access front-load battery compartment
- Adjustable temperature differential (swing) for energy optimization and maximum system life
- Adjustable room temperature calibration
- Adjustable setpoint limits
- Filter change reminder

- Five-minute selectable on/off compressor delay protection for short-cycling prevention
- Separate O and B terminals

Designed and built for reliability.
- ISO9001-certified

Specifications

Dimensions (W x H x D)	4.7 x 3.8 x 1 in. (119.6 x 97.6 x 26 mm)
Mounting	Wall or junction box
System compatibility	Two-stage heating, one-stage cooling
System fuel source	Gas, electric or oil
Heat pump compatibility	Systems with auxiliary or emergency heat
Millivolt application compatibility	Yes
Temperature range	41°F to 95°F (5°C to 35°C)
Control temperature range	44°F to 90°F (7°C to 32°C)
Display accuracy	±1°C (at 20°C) / ±1°F (at 68°F)
Power sources	24V AC (18 to 30V AC), 50/60 Hz for hardwire (common wire required) or 2 AAA 1.5V alkaline batteries (included)
Terminals	R, C, Y, W2, W/E, G, O, B

Replacement Information

RS8210	
Pro1®	T721
Honeywell	TH5220D1029, TH1110D2009, TH1210DH1001, TH1210DV1007, TH3210D1004
Braeburn®	1220NC, 1200NC, 3020
Emerson™ White-Rodgers™	1F83H-21NP
Aprilaire®	8446, 8448