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500 Series



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Features

Specs/Docs

Warranties

Communication is the Key. The 501 is a touchscreen model and the 550 model features both humidification and dehumidification controls.

Rheem is proud to introduce the 500-Series Thermostat as part of the most sophisticated and easy-to-use home comfort system available today. The Rheem *Comfort Control² System*™ will provide improved comfort, optimal energy efficiency, and enhanced reliability and performance. The *Comfort Control² System* consists of an indoor furnace or air handler, an outdoor condensing unit or heat pump, and the 500-Series Thermostat. The 500-Series Thermostat auto-configures the system and constantly communicates with the indoor and outdoor heating and cooling components to provide the homeowner with the utmost in home comfort and peace of mind. The thermostat is so smart; it can notify the homeowner when a service call is needed to any part of the complete system. These features ensure simple, dependable operation for the homeowner and easy installation by the contractor for peak performance.

[Click here to learn more about the *Comfort Control² System*.](#)

Features & Benefits

- Advanced System Diagnostics and Alerts
- Humidity Control
- Intuitive Programming for Easy Set-up, Control, and Diagnostics

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IMAGE GALLERY



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- Heat/Cool/Auto Change-over
- Outdoor Temperature Display
- Backlight On/Off
- Intelligent Scheduling Ramp-Up/ Program Anticipation
- Audio Notifications On/Off
- Air Filter, UV Lights & Humidifier Maintenance Reminder
- Temperature Offset
- Continuous Fan (Hi, Med, Lo)



Programming

- Installer selectable system applications
- Universal – choice of 7 day, 5/2 (week/weekend) or non-programmable (installer selectable)
- 4 times and 4 temperature settings per program (2 setbacks) heat and cool, or selectable - 2 time and 2 temperature settings (1 setback)
- Energy savings up to 33%

Display

- 3.5" diagonal high definition color display
- Multiple user interface color scheme options
- Clean, uncluttered display provides easier navigation

500 Series Thermostat Models

Model	Performance	Application	Power Source
RHC-TST550CMMS	4-Stage Heat/2-Stage Cooling	Heat Pump/Gas/Oil/ Electric/Dual Fuel /Dehumidification	Hardwired

RHC-TST501CMMS	4-Stage Heat/2-Stage Cooling	Heat Pump/Gas/Oil/Electric/Dual Fuel /Dehumidification	Hardwired

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News Highlights

- [Rheem Prestige Series Air Conditioning Unit Recognized as an ENERGY STAR® Most Efficient Product](#)
- [Rheem Becomes Title Sponsor of Renowned World Crown 300](#)

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