Rheem

The new degree of comfort.®

EcoNet®

The EcoNet® Smart Thermostat

- **Built-In WiFi**
- **4.3" LCD Touch Screen**
- **Local Weather –** Current conditions plus 6-day forecast
- **5 Operating Modes –** Heat, Cool, Auto, Emergency Heat and Fan Only
- **7-Day Programmable Schedule –** Offers comfort without thought
- **One-Touch Away –** Quickly switch to your energy-saving away preferences
- **Vacation Scheduling –** Allows you to save while you're away and come home to comfort
- **Motion Sensor –** Automatically wakes the screen as you approach
- **Standby Screen –** Displays indoor temperature and current weather
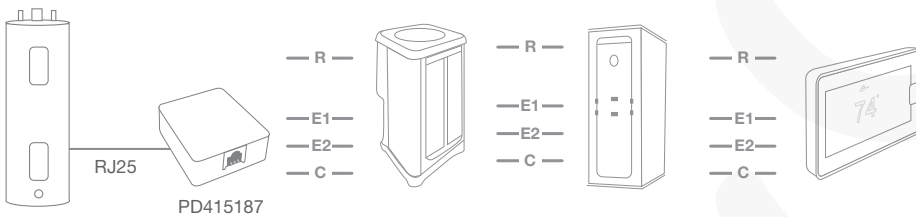
RETST700SYS

Installation / Setup Features

- **4-Wire Configuration**
- **Custom Push Buttons for Tool-Free Wiring**
- **Automatic Equipment Configuration –** Automatically detects equipment and configures equipment with optimal settings for hassle-free installation
- **Contact Info Sync –** Keeps contractor contact information ready when it's needed
- **Equipment Information –** Displays software version, model number and serial number of connected equipment
- **Automatic Brand Display –** Changes the screen logo based on equipment model number
- **Remote Room Sensor[1] –** Supports wired remote temperature sensor

[1] *Works with Aprilaire 8051*

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PD415187

Terminal	Function
R	Power - 24VAC
C	Common / Ground - 24VAC
E1	EcoNet Communications Bus Wire 1
E2	EcoNet Communications Bus Wire 2

Operational Features

- **Automatic Changeover –** Transitions between heating and cooling automatically to keep the house comfortable

- **Integrated Water Control –** Enables easy water heater management

- **Smooth Arrival –** Prompts the system to start ahead of schedule to ensure the home is at the desired temperature at the scheduled time

- **Humidity Control –** Supports humidifier accessories or over-cool based dehumidification

- **Detailed Operating Status –** View pertinent equipment status information and run times

- **Continuous Fan –** Offers 5 speeds (Low, Medium Low, Medium, Medium High, High)

- **Short-Cycle Protection –** Avoids damage to equipment from short run cycles

Monitoring & Remote Control Features

- **Active Monitoring –** Alerts to problems that need immediate attention

- **Remote Control –** Allows adjusting of comfort and settings from anywhere using a mobile device

- **Service Alerts –** Sends routine maintenance reminders

- **Air Filter Monitoring –** Detects when it's time to replace the air filter

- **Alarm History –** Displays time-stamped alarm codes with clear descriptions

Limited Warranty

- 5-Year limited parts warranty (from date of installation)

- If installed as part of a Rheem® system, the EcoNet Smart Thermostat will be covered under the applicable product parts warranty. Refer to manufacturer product warranty card for specific details.

Heating & Cooling										
Models	Gas Furnaces				Air Handlers		Air Conditioners		Heat Pumps	
	R802V	R96V	R97V	R98V	RHMV	RH2T	RA20	RA17*	RP20	RP17
RETST700SYS	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

Models not EcoNet Enabled: RA1724AJ2NB, RA1736AJ2NB, RA1748AJ2NB, RA1760AJ2NB

Water Heating			
Electric Tank — EC2 Models	Hybrid Tank — HB50 Models	Gas PD Tank Models	Tankless Gas — E Models
✔	✔	✔	✔

Supported Accessories

- Adapter Plate – RETSTWPL700

- Remote Temperature Sensor – APRILAIRE 8051

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