



The new degree of comfort.®



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

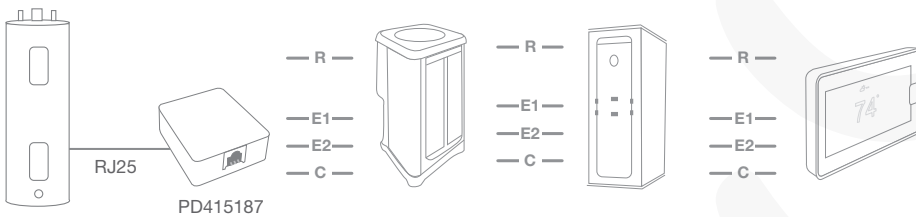


RETST700SYS

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 Sensor¹** – Supports wired remote temperature sensor

¹ Works with Aprilaire 8051



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



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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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