

# EarthCraft House Renovation Project Atlanta, Georgia



## Rinnai Tankless Water Heaters Featured in EarthCraft House Renovation Project at the Southern Building Show in Atlanta

### MODEL 2532FFU (R85i) TANKLESS WATER HEATER

As a feature during this year's Southern Building Show, Joe Maddox has renovated this circa 1935 cottage and transformed it from a small, outdated house into a spacious, state-of-the-art EarthCraft House Renovation project. Located in Peachtree Park in the heart of Buckhead, the original house was a simple one-story design. The Renovation team raised the first-floor ceilings, added a new second floor and expanded the rear of the house to create a mudroom and connection to an existing two-car garage.

#### Why Rinnai?

In order to meet the stringent standards of both the EarthCraft House and American Lung Association Health House programs, Maddox chose the Rinnai tankless water heater to provide energy-efficient, environmentally-friendly water heating in this renovation project.

Rinnai tankless units provide a never-ending supply of hot water, never running out as tank-style heaters do. These sealed, combustion units eliminate any possibility of health risks associated by mixing breathing air with the heater's combustion air, often a problem with less-efficient open flame units.

Two Rinnai R85i units were installed, one R85i in the upper level attic space to provide hot water to the 2nd level, and one in the basement to provide hot water to the main floor and basement areas. Because of its internal combustion technology, attic installation was one of the many benefits of the Rinnai tankless system. A second unit was installed in the basement to service the kitchen and

bath areas. "These sealed combustion units are ideal because they eliminate the possibility of health risks associated with mixing breathing air with the heater's combustion air, often a problem with less efficient open flame units," says Carl Seville, building consultant to the project.

For the homeowner, the benefits include an endless supply of hot water, the capacity to operate multiple appliances and shower without delay at a safe, consistent temperature, and – it's energy efficient.

#### Return on Investment

With an 84% EF energy efficiency rating, these Rinnai units will recoup their initial investment in a short period of time as a result of the energy savings realized by only having to heat water when it's needed, compared to the constant reheating of a traditional tank system.



#### PROJECT SUMMARY

- Installation of two tankless water heaters to provide hot water efficiently throughout the renovated home.
- The homeowner has the modern convenience of endless hot water, capacity to provide hot water to multiple appliances simultaneously and significant energy savings.
- Installation of the compact Rinnai tankless water heaters allowed additional valuable square footage to be better used in the home.



## THE RINNAI ADVANTAGE

- Endless Hot Water Delivered up to 8.5 gpm
- Digital Control for Consistent Temperature
- Energy Factor (EF) of up to .84
- Wall-Mount Compact Design for Increased Space-Saving
- Internal or External Installations with Discrete Terminal Vent

Rinnai's tankless water heater is the only system available that offers an endless supply of hot water through multiple outlets simultaneously. No matter what your hot water requirements are, the Rinnai can be configured to handle the job. Contact us with your requirements.



Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to installation.

## CONTACT YOUR LOCAL AUTHORIZED DEALER

## MODEL R85i (2532FFU)

### FEATURES

- Internal Installation
- No Pilot Light - Direct Electronic Ignition
- Uses either Natural Gas or Propane
- Certified to ANSI Z21.10.3 Standard by CSA International (formerly AGA Laboratories)
- Hot Water Capacity - 8.5 GPM (multiple points of use)
- 9" Depth, 14" Width, 24" Height
- Digital Display
- 96-140 Degree Settings
- Diagnostic Display

### CABINET

- Heavy Gauge, Textured, Powder Coated Cabinet

### VENTING

- Internal - Direct Vent

### WARRANTY

- Exceptional 10-Year Limited Warranty On The Heat Exchanger
- 5-Year Limited Warranty On All Other Parts

Type of Appliance:	Temperature Controlled Continuous Flow Gas Hot Water Heater
Operation:	With or Without Controls
Exhaust System:	Direct Vent - Forced Combustion
Min./Max. Gas Input:	15,000 BTUH/199,000 BTUH
Dimensions: (Fully Modulating)	Height 23 <sup>5</sup> / <sub>8</sub> " Width 13 <sup>25</sup> / <sub>32</sub> " Depth 8 <sup>13</sup> / <sub>16</sub> "
Gas Type:	Natural or Propane
Weight:	49 lbs
Thermal Efficiency:	up to 84%
Connections:	Gas Supply <sup>3</sup> / <sub>4</sub> " MNPT Cold Water Inlet <sup>3</sup> / <sub>4</sub> " MNPT Hot Water Outlet <sup>3</sup> / <sub>4</sub> " MNPT

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