Background
Habitat for Humanity Anderson County, South Carolina, bought 23 lots in the River Trace neighborhood, with the intention to build 19-21 homes -- the first Habitat neighborhood in Anderson County. With the donation of several Bosch Therm tankless gas fired condensing tankless water heaters, the organization is installing the units in homes under construction.

Project Goals:
- Hot water supply on-demand
- Energy efficiency
- Flexible outdoor installation
- High reliability

Energy Saving Tankless Water Heaters in Habitat For Humanity Homes, Anderson, South Carolina

About Habitat
Habitat for Humanity is a non-profit housing ministry, which partners with people in local communities to build modest houses sold to qualified buyers at no profit and typically with a 20-year, interest-free mortgage. Habitat is able to offer this opportunity through support from the local civic, business and religious community. Habitat for Humanity International, based in Americus, Georgia, was founded by Millard and Linda Fuller in 1976. Over 500,000 individuals in the US and over 2.5 million worldwide are currently living in Habitat homes. U.S. and Canadian Habitat houses are modestly-sized to no more than 1,100 square feet of living space, and energy efficiency is incorporated whenever possible.

Habitat’s Anderson County Executive Director Libby Winkler explained, “The need for adequate, affordable housing is great, so a family selection committee carefully reviews applications to award homes to deserving, qualified applicants. All families help build and purchase their homes through no-profit, zero-interest mortgages.

“One hundred percent of monies donated to Habitat go directly to building homes. For every dollar spent on building homes, three dollars are returned to the community. Habitat’s overhead is covered by profits from our ReStore, which receives donations of household items and building supplies for resale. We are extremely grateful to Bosch for their support and donations of hot water heating equipment.”

In this installation, Bosch THERM tankless water heater is mounted externally with outdoor vent exhaust kit.
Installation Summary
According to construction supervisor Christine Korver, “The Bosch gas tankless water heaters are relatively easy and straightforward to install, requiring an average of just 30-45 minutes. “Although much of the home-building labor is provided by community and homeowner volunteers, water heater installation is performed under professional supervision by Piedmont Natural Gas Company.

Benefits and Conclusion
Mike McCormick is vice president, technical plant manager of Bosch Rexroth division in Fountain Inn South Carolina, and also serves as a volunteer advisor on Habitat’s Anderson County Board of Directors. Mike commented, “Habitat is very careful when it comes to the energy efficiency of our homes. We want to ensure that families are able to manage ongoing energy bills in addition to all the other costs associated with home ownership. The first local family recently took ownership of their new home equipped with a Bosch tankless water heater. This technology provides an efficient and environmentally-friendly solution to deliver hot water on-demand, only when needed by the residents. We are proud to represent Bosch on the Habitat Board, and to donate used materials to the ReStore along with assistance to the local community."

Emma Lewis-March and family are pleased to move into their new home.

Project Name:
- Bosch condensing tankless water heater installation, Habitat For Humanity Anderson County, South Carolina

Model Installed:
- Bosch THERM condensing tankless water heater

Installation Location:
- River Trace Neighborhood, Anderson, South Carolina

Installation Date:
- March 2013

More information:
Bosch Heating and Cooling www.boschheatingandcooling.com
Habitat For Humanity Anderson SC www.habitatanderson.com/