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Bosch Geothermal on Display as Part of Energy-Efficient ‘Complete Solutions’ Package at Bozzuto Homes’ Sage at Maple Lawn

- ▶ First Geothermal Package Offered as a Standard Feature by a Mid-Atlantic Production Builder
- ▶ Bosch Tankless Water Heater Offers Efficient, On-Demand Domestic Hot Water Supply
- ▶ Geothermal Technology and Other Features Make These Homes Over Three Times More Efficient than required for ENERGY STAR Certification

Londonderry, NH – [Bosch Thermotechnology Corp.](#), in cooperation with [Bozzuto Homes](#), recently showcased its complete package of energy-efficient solutions at Bozzuto’s newly introduced [Sage at Maple Lawn](#) residential community. A geothermal loop that heats and cools using the earth’s own energy as well as tankless water heaters that use up to 50 percent less energy than standard home water heating systems make Buzzoto Homes’ Sage at Maple Lawn among the most energy efficient communities in the Mid-Atlantic United States. Buzzuto equipped each of its homes in this community with Bosch geothermal heat pumps and offers a suite of innovative products from other Bosch divisions.

Bozzuto Homes’ Sage at Maple Lawn, a community of 200-300 planned homes located in Fulton, MD, exhibits many of the latest features in energy-efficient residential technology. Each home is ENERGY STAR Certified, National Green Building Standard Silver Certified and has a Home Energy Rating System Index (HERS) score of as low as 21 on a scale of 100 from the Residential Energy Services Network (RESNET), indicating a high-level of energy efficiency.

- [Click to Tweet](#): See the latest in #greenhome #technology at Sage at Maple Lawn Development from @Bozzuto & @boschhvac: [#geothermal](http://ctt.ec/GHDg0+)

“More and more, we’re seeing builders and consumers demand new homes with energy-efficient solutions, such as geothermal and tankless water heating

Bosch Thermotechnology
50 Wentworth Avenue
Londonderry, NH 03053 USA

E-mail craig.lazinsky@us.bosch.com
Phone +1-603-965-7445

Bosch Thermotechnology Corp.
Craig Lazinsky
BoschHeatingandCooling.com

technologies. These green technologies not only save the homeowner money over the long run, but also reduce the environmental footprint of newly constructed homes,” said Vitor Gregorio, regional president, North America, Bosch Thermotechnology Corp. “Bozzuto is the first production builder in the Mid-Atlantic to offer a high-efficiency geothermal heating and cooling system as part of its standard package, setting a new benchmark for what we believe will be the next evolution in new home construction.”

“With Sage at Maple Lawn, we’ve created a beautiful, functional community that approaches net-zero energy consumption,” said Tom Baum, president, Bozzuto Homes, Inc. “We chose Bosch for our supplier relationship in this community because its integrated solutions approach offered us the best available technology: geothermal systems and tankless water heaters, along with other appliances and add-on options. Equipped with these energy-efficient systems, we’ve made a major stride toward energy responsibility in homebuilding.”

Each home within the Sage at Maple Lawn community comes standard with:

Bosch SM Model Geothermal Heat Pump

The [GreenSource CDi Series SM Model](#) geothermal heat pump comes equipped with Bosch’s commitment to Creative Design and Innovation. The SM Model is the company’s most efficient unit with quality that only Bosch can provide, including:

- Low operating costs, saving up to 70 percent on utility bills over conventional HVAC systems
- Quiet operation with sound levels as low as 52 dB
- Improved indoor air quality and control
- 10 year limited parts and labor warranty (see www.boschheatingandcooling.com for complete warranty details)

In addition, homeowners purchasing geothermal technology may be able to take advantage of rebates and credits offered by state and federal governments. For example, through December 31, 2016, homeowners who install ENERGY STAR certified geothermal heat pumps are eligible for a [30 percent Federal tax credit](#). In Maryland, where Sage at Maple Lawn is located, homeowners are eligible for a [\\$3,000 rebate from the State](#) on a 1-to-10-ton capacity geothermal heating and cooling system.

Another feature homeowners may find attractive is a way to avoid up-front installation costs that have long been a barrier to entry for many residential

geothermal installations. At Sage at Maple Lawn, Bozzuto's customers have the benefit of deferring associated upfront costs through geothermal utility provider [Orca Energy](#). Orca provides the homeowner with the exterior portion of a geothermal heating and cooling system, mitigating the infrastructure costs commonly associated with installing exterior ground loop heat exchangers. Orca then serves as a utility provider, charging the homeowner with a one-time connection fee along with a monthly utility charge, often at greatly reduced rates from traditional HVAC system utility costs.

Bosch Greentherm 950ES Natural Gas Condensing Tankless Water Heater

The Bosch Greentherm C 950 ES Condensing tankless water heater is a top performance, fully condensing, gas, tankless water heater designed for residential applications. This ENERGY STAR-approved tankless water heater can produce enough hot water for two major applications in most homes. Its features include:

- 15-year limited warranty on heater exchanger; 5-year limited warranty on other parts (see www.boschheatingandcooling.com for complete warranty details)
- Approved for one half-inch gas line for ease of installation and retrofit
- Benchmark temperature stability achieved with an active bypass

Other energy-efficient options include:

Kitchen Upgrade Options: Thermador and Gaggenau Appliances

Bozzuto offers all Sage at Maple Lawn homes with an optional upgrade to Thermador or Gaggenau appliances, supporting Bozzuto Homes' vision for sustainable homes with cutting-edge technology by incorporating a sleek, streamlined look designed for modern luxury. For improved efficiency and sustainability, Thermador offers maximum points toward LEED certification.

Additional Options

Each home within Sage at Maple Lawn comes equipped to accommodate solar panels, and homeowners also have the option of adding both vehicle and electric bicycle charging stations from Bosch.

Bosch and ORCA have cooperated in similar energy efficient projects in Richland, Wash., (Badger Mountain), Serenbe community (south of Atlanta) and other developments.

For more information on how Bosch Thermotechnology's products support sustainable living visit www.boschheatingandcooling.com.

Contact:

Michael Monahan

Bosch Thermotechnology/Tech Image

Phone: +1 312-673-6064

Michael.monahan@techimage.com



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About Bosch Thermotechnology

Bosch Thermotechnology is a leading source of high quality cooling and heating systems, including tankless, point-of-use and electric water heaters, floor-standing and wall-hung boilers, Bosch and FHP geothermal heat pump systems as well as controls and accessories for every product line.

Bosch Thermotechnology is committed to reinventing energy efficiency by offering smart products that work together as integrated systems that enhance quality of life in an ultra-efficient and environmentally friendly manner. For more information, visit www.boschheatingandcooling.com

About the Bosch Group

The Bosch Group is a leading global supplier of technology and services. It employs roughly 360,000 associates worldwide (as per April 1, 2015). The company generated sales of 49 billion euros in 2014. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including its sales and service partners, Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. In 2014, Bosch applied for some 4,600 patents worldwide. The Bosch Group's strategic objective is to create solutions for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life."*

Exchange rate: 1 EUR = \$1.32850

**The sales figure disclosed for 2014 does not include the former joint ventures BSH Bosch und Siemens Hausgeräte GmbH (now BSH Hausgeräte GmbH) and ZF Lenksysteme GmbH (now Robert Bosch Automotive Steering GmbH), which have since been taken over completely.*

About Bozzuto

Bozzuto is a diversified residential real estate company that creates extraordinary experiences of home and community. We are passionate about inspiring our customers, clients and partners through our expertise in multifamily development, construction, and management, as well as homebuilding. Since 1988, our strong relationships have allowed us to acquire, develop and build more than 42,000 homes and apartments and manage more than 54,000 apartment residences. Bozzuto is committed to providing quality housing for individuals of all income levels, producing and managing communities that range from luxury homes and apartments to affordable housing solutions. For more information, please visit <http://www.bozzuto.com>.

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