

January 25, 2016

Bosch Greensource Residential Geothermal Heat Pumps Upgraded For Higher Reliability and Control

- ▶ Upgraded for improved serviceability, reliability
- ▶ New Bosch Heat Pump Controller provides intuitive setup, diagnostics
- ▶ Capacities from 2 to 6 tons, EER up to 33.0
- ▶ Available in packaged vertical, horizontal, and counterflow configurations

At the 2016 AHR Expo, Orlando FL (Booth 4825) – [Bosch Thermotechnology Corp.](#) is introducing an upgrade to the SM Series two-stage geothermal water source heat pump. The redesign is part of Bosch's continuous effort to offer the best solutions for the geothermal industry. New units are expected to be available in July 2016.

SM vertical and counterflow cabinets have been redesigned with a focus on serviceability and reliability, with front water connections and an all-aluminum air coil to resist formicary corrosion. Bosch also redesigned the internal layout for easier access through the front panel to components most often requiring service or adjustment.

All SM packaged units will come with the new Bosch Heat Pump Controller, which provides protection, intuitive setup, diagnostics, and improved serviceability of the unit. The new heat pump controller allows users to access a service and installation tool. This updated feature improves installation and serviceability through simplified startup, real-time unit operating conditions, a service mode allowing control of direct controller outputs, unit lockout history, and a snapshot of unit operating conditions prior to a lockout.

The Bosch Greensource CDi series stands for Complete Design with Innovation, and is built and tested to be one of the highest efficiency and most reliable units on the market. The Greensource CDi Series Model SM heat pump comes in cooling capacities from 2 to 6 tons and is equipped with quality and innovative technology to cool and heat a home economically and in an environmentally friendly manner.

Coupled with an all-aluminum evaporator coil for long-life, floating base pan and variable-speed motor for quiet operation, closed cell fiber-free insulation for

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improved air quality and energy savings, multi-position airflow flexibility, and backed with a ten-year parts and labor limited warranty, Greensource provides a total solution in energy-efficient home comfort.

SM Also Available in Split System

The Greensource CDi Series SM **Split Model** geothermal heat pump comes equipped with Bosch's commitment to quality, including up to 33.0 EER (part load), and up to 24.0 EER (full load) GWHP. A split system allows you to separate the condensing section from the compressor section to isolate sound, vibration and unwanted heat from the conditioned space. Advantages for the installer include configurability – return air can be customized for the job, left side, right side, back or top of unit. Users can rotate the electrical box from front to back for optimal service access.

Geothermal heat pumps are designed and built in Bosch's ISO 9001 and ISO 14001 certified facilities in Fort Lauderdale, Florida. They serve as a platform for renewable energy products in a residential comfort control system. CDi series model SM heat pump was awarded ENERGY STAR® 2015 Most Efficient product recognition. The new CDi Series meets ENERGY STAR Tier 3 requirements, making it eligible for up to a 30 percent federal tax credit*.

* See www.Boschheatingandcooling.com for details.

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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.*

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