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Bosch Inverter Ducted Split System Air-Source Heat Pump May Save Homeowners Hundreds of Dollars on Energy Bills

- ▶ Inverter technology enables the unit to operate more efficiently to any output level between 25-110 percent, matching compressor speed with cooling/heating load
- ▶ Up to 18 Seasonal Energy Efficiency Ratio (SEER) and 9.5 HSPF means high-efficiency with energy cost-savings
- ▶ Silent blade technology reduces condensing unit sound levels to as low as 56dB
- ▶ Compatible with most available heat pump thermostats

Londonderry, New Hampshire – [Bosch Thermotechnology Corp.](#) is releasing its first ever air-source heat pump system, employing a high energy efficiency rating that could save homeowners up to hundreds of dollars a year on heating and cooling bills. The new [Bosch Inverter Ducted Split Air-Source Heat Pump](#) System with Inverter Drive Technology helps ensure that indoor air remains at the selected temperature, but at a lower cost than traditional HVAC systems. Units are currently available for sale.

By employing variable speed inverter drive technology, the new air-source heat pump is highly energy efficient, achieving up to an 18 Seasonal Energy Efficiency Ratio (SEER) efficiency rating and 9.5 Heating Seasonal Performance Factor (HSPF). It accomplishes the high rating by varying operating speeds depending on cooling and heating load rather than simply turning the unit on and off.

In addition, both the indoor and outdoor units are much quieter than traditional models. Thanks to an insulated compressor compartment and its new silent blade technology, the outdoor condensing unit reduces sound levels to as low as 56dB.

The Bosch Inverter Ducted Split Air-Source Heat Pump System comes in both three- and five-ton capacities, yet remains extremely compact. Both sizes are compatible with most heat pump thermostats and feature a unique dehumidification feature. To ensure easy product selection and less inventory for distributors, Bosch covers the entire residential product range with only two models of condenser units (3 and 5-ton) and four sizes of air handler units (ranging from 2-5 tons).

In addition, the indoor air handler comes standard for upflow applications and is field-convertible for horizontal right, left or downflow/counterflow configuration, satisfying all types of applications. Condensing units come standard with electronic expansion valve (EEV), ensuring proper refrigerant flow during all conditions for the highest possible efficiency. The indoor air handler unit incorporates a constant torque ECM motor, suitable for different static pressure applications.

Warranty on the new Bosch Inverter Ducted Split Air-Source Heat pumps are 10 years limited warranty on compressor and internal components (excluding labor cost). For more warranty information and specification data on the Bosch Inverter Air-to-Air Ducted Split System Heat Pump models, visit www.boschheatingandcooling.com.

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About Bosch Thermotechnology

Bosch Thermotechnology is a leading source of high quality heating, cooling and hot water systems. The Company offers Bosch tankless, point-of-use and electric water heaters, Bosch and Buderus floor-standing and wall-hung boilers, Bosch and FHP geothermal 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 Bosch

Having established a regional presence in 1906 in North America, the Bosch Group employs some 28,700 associates in more than 100 locations, as of April 1, 2015. In 2014, Bosch generated consolidated sales of \$11.3 billion in the U.S., Canada and Mexico. For more information, visit www.boschusa.com, www.bosch.com.mx and www.bosch.ca.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 375,000 associates worldwide (as of December 31, 2015). According to preliminary figures, the company generated sales of more than \$77 billion (70 billion euros) in 2015. 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 subsidiaries and regional companies in some 60 countries. If its sales and service partners are included, then Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. In 2015, Bosch applied for some 5,400 patents worldwide. The Bosch Group's strategic objective is to deliver innovations 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."

Additional information is available online at www.bosch.com, www.bosch-press.com and twitter.com/BoschPresse.

Exchange rate: 1 EUR = \$1.1095

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