

Bosch Delivers Efficient Cooling and Heating With Updated Packaged Heat Pumps

IDP Plus and IDP Premium heat pumps upgraded for peak performance

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WATERTOWN, MASS.,– Bosch Home Comfort, a leading source of high-quality heating, cooling and hot water systems, has unveiled new R-454B versions of its [Bosch IDP Plus and IDP Premium Heat Pumps](#) in compliance with low global warming potential (GWP) A2L refrigerant requirements. These latest models utilize the low GWP R-454B refrigerant while continuing to offer a simple and seamless installation, making it easy and effortless to cool and heat #LikeABosch.

The [Bosch IDP Plus \(R-454B Version\)](#) delivers the same great efficiency and comfort at the standard 16-SEER2 efficiency level, while adhering to the latest refrigerant requirements. It is available in three-ton and five-ton models.

The [Bosch IDP Premium \(R-454B Version\)](#) offers great savings on energy costs by qualifying for maximum energy rebates. It's also available in three and five-ton models and features an inverter compressor that operates at 33% to 114% speed and modulates in 1% increments, allowing for optimal energy use and efficient operation.

Both heat pump units feature the following:

- **Quiet comfort:** Silent blade technology, sound isolating mounts and outdoor condensing section placements make these units some of the quietest on the market.
- **Intelligent control:** Automatic adjustments to capacity maintain ideal temperature setting.
- **Steady energy use:** Energy consumption is monitored and regulated to smoothly ramp up and avoid spikes – increasing longevity of the unit.
- **Residential limited warranty:** Bosch backs the IDP Family with a 10-year residential limited warranty protection on parts.

“The IDP Family of air-to-air heat pumps are a reliable option for homeowners looking for a system that takes care of heating and cooling in one,” said Ian

McIver, Product Manager for Bosch Home Comfort. “These new R-454B Versions offer that same performance and efficiency customers have come to know, with refrigerant that complies with the latest industry standards. This product line update is yet another example of how Bosch is continuing to innovate and stay at the forefront of home comfort technology.”

To learn more about Bosch Home Comfort and its complete portfolio of products, visit www.Bosch-homecomfort.com/us.

Press photos and infocharts are available on the Bosch Media Service at us.bosch-press.com.

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About Bosch Home Comfort

Bosch Home Comfort 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 water-source, geothermal and air-source heat pump systems, as well as controls and accessories for every product line. Bosch Home Comfort 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. Bosch strives to bring the most energy-efficient and environmentally responsible products to global consumers. In delivering the best products at affordable prices to our markets, Bosch has established multiple collaborations and joint ventures on a global scale to bring the latest technologies to North America. All global manufacturing facilities must adhere to stringent quality standards in order to provide the trusted Bosch brand. For more information, visit www.boschhomecomfort.us

About Bosch

Having established a presence in North America in 1906, today the Bosch Group employs more than 41,000 associates in more than 100 locations in the North American region (as of Dec. 31, 2024). According to preliminary figures, Bosch generated consolidated sales of \$17.4 billion in the U.S., Mexico and Canada in 2024. For more information visit www.bosch.us, www.bosch.mx and www.bosch.ca.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 417,900 associates worldwide (as of December 31, 2024). According to preliminary figures, the company generated sales of 90.5 billion euros in 2024. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, electrification, digitalization, connectivity, and an orientation to sustainability. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in sensor technology, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture user-friendly, sustainable products. With technology that is “Invented for life,” Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. At 136 locations across the globe, Bosch employs some 86,900 associates in research and development, of which nearly 48,000 are software engineers.

The company was set up in Stuttgart in 1886 by Robert Bosch (1861–1942) as “Workshop for Precision Mechanics and Electrical Engineering.” The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant upfront investments in the safeguarding of its future. Ninety-four percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The remaining shares are held by Robert Bosch GmbH and by a company owned by the Bosch family. The majority of voting rights are held by Robert Bosch Industrietreuhand KG. It is entrusted with the task of safeguarding the company’s long-term existence and in particular its financial independence – in line with the mission handed down in the will of the company’s founder, Robert Bosch.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com.

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