

Bosch Launches A2L Refrigerant Training Alongside R-454B Heat Pump Rollout

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The company aims to help industry professionals prepare for the transition to low global warming potential (GWP) refrigerants.

- ▶ Bosch is unveiling low GWP heat pumps throughout 2024. The company released its first low GWP-ready system in April, the CL-RL Series.
- ▶ Live webcast, May 9, 2024, at 4:30 pm ET: *Transitioning to A Low-GWP Future with Bosch A2L Equipment*, featuring experts from Bosch and Honeywell, and hosted by the ESCO Institute.
- ▶ The A2L Refrigerant Change Guide on Bosch's website provides information on regulatory changes and impacts, as well as installation best practices.

WATERTOWN, MASS. – [Bosch Home Comfort](#), a leading source of high-quality heating, cooling, and hot-water systems, is offering a live webcast, informational guide, and other A2L training resources on its R-454B refrigerant heat pumps, in partnership with industry experts at Honeywell and ESCO Institute. Through this training initiative, the company aims to help HVAC professionals prepare for the industry-wide shift to low global warming potential (GWP) refrigerants.

“Bosch Home Comfort deeply values professional training on both the technology and best practices for safely installing the equipment as designed,” said Dr. Alexander Wuthnow, president and CEO of Bosch Home Comfort North America in an [earlier announcement](#). “As the industry pivots to lower global warming potential refrigerants, contractor education will become even more critical in 2024 and beyond.”

Bosch Is Ready for the Transition to Low GWP

All HVAC manufacturers in the United States, including Bosch, are transitioning their product lines to incorporate low-GWP refrigerants over the next several years due to American Innovation and Manufacturing (AIM) Act, which requires the reduction of Hydrofluorocarbons (HFC) by 85% through 2036. Heat pumps and air-conditioner systems that use refrigerants with a global warming potential (GWP) above 700 will not be manufactured after December 31, 2024. Systems may be sold and installed through December 31, 2025.

Bosch is prepared for the transition and [released](#) its first low GWP-ready heat pumps in April—the [CL and RL Series water source heat pump solutions](#) for commercial and residential markets, equipped with Honeywell Solstice® 454B refrigerant. Honeywell's refrigerant is designed to reduce greenhouse gas emissions in residential and light commercial heating and air conditioning by 78% compared to traditional refrigerants. Bosch will continue to introduce low GWP heat pumps throughout the year.

Live Webcast: Transitioning to A Low-GWP Future with Bosch A2L Equipment

Bosch, Honeywell, and ESCO Institute are joining forces in a live webcast, *Transitioning to A Low-GWP Future with Bosch A2L Equipment*, to share important technical information on the refrigerant change. Attendees will have a unique opportunity to learn firsthand from engineers and educators at Bosch and Honeywell about the best practices for safe handling, maintaining, and installing these new refrigerants.

The session will be broadcast simultaneously across Bosch, Honeywell, and ESCO Institute platforms on May 9, 2024, at 4:30 pm ET. Click on one of these links to tune in to the live webcast from Bosch Home Comfort's social media channels: [LinkedIn](#), [YouTube](#), and [Facebook](#). The video will also be available to watch on-demand following the livestream.

Refrigerant Guide on Bosch Website

Bosch has made an [A2L Refrigerant Change Guide](#) available on its website as an in-depth resource for professionals seeking clarification on the deadlines for contractors and wholesalers/distributors, installation guidelines, and other impacts. The guide also includes links to helpful resources and an in-depth FAQ section.

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About Bosch

Having established a presence in North America in 1906, today the Bosch Group employs 42,000 associates in more than 100 locations in the North American region (as of Dec. 31, 2023). Bosch generated consolidated sales of \$16.5 billion in the U.S., Mexico, and Canada in 2023. 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 429,000 associates worldwide (as of December 31, 2023). The company generated sales of \$99 billion in 2023. 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 90,000 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 corporation 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.

Exchange rate: 1 EUR = 1.0818