

## **Flexibility, Dependability and Quality: Meet the Bosch Buderus SSB Boiler Gen 2**

Material improvements highlight the next era of SSB boiler built for commercial applications

January 30, 2025  
PI 0000

- ▶ Equipped with new dual 441 stainless steel heat exchangers for higher corrosion resistance
- ▶ Upgraded features for enhanced performance, including: a Resideo (Honeywell) Rambler gas valve, a Grundfos 43-110F 115/230V pump, and an improved condensate collector with integrated clapet valve

**WATERTOWN, MASS.** – Bosch Home Comfort, a leading source of high-quality heating, cooling and hot water systems, is releasing the [Buderus SSB Gen 2 Boiler](#), featuring several upgrades from its predecessor for enhanced performance. Consisting of output ranges of 798 to 8192 thousand BTUs per hour (MBH), the Buderus SSB Boiler Gen 2 is strategically designed to bring high-quality, flexibility and dependability to customers.

At a glance, Bosch’s Buderus SSB Boiler Gen 2 includes the updated features below:

- **Dual 441 Stainless Steel Heat Exchangers:** Gen 2 models of the Buderus SSB feature dual 441 stainless steel heat exchangers for higher corrosion resistance, particularly against cracking. Additionally, the 441 material helps to deliver lower carbon emissions and reduces the formation of oxide flakes in the combustion chamber.
- **Resideo (Honeywell) Rambler gas valve replacement**
- **Grundfos 43-110F 115/230V Pump**
- **Improved condensate collector** with integrated clapet valve.

“Our team at Bosch Home Comfort is committed to continuous innovation and progress in the hydronic heating industry,” said Dan Moffroid, Director of Product Management. “We identified areas we could significantly improve our existing SSB Boiler and have made upgrades that result in lower carbon emissions and higher corrosion resistance. Gen 2 is a better, more resilient version of the SSB Boiler customers are already familiar with.”

The Buderus SSB Gen 2 has flexible installation options and a small footprint. For instance, as with the previous model, installers can easily connect up to four SSB1000TL units together without any additional purchased venting parts or accessories. With added parts or accessories, a maximum of eight SSB1000TL units can be cascaded together for even higher heating outputs.

The SSB Boiler Gen 2 remains compatible with all previously introduced accessories, including the Buderus SSB Low Loss Header (LLH) combination hydraulic air and dirt separator. With the LLH, the primary and secondary circuits become hydraulically decoupled, thus eliminating pump conflict. The Buderus SSB Low Loss Header (LLH) is available in 3 inches & 5 inches.

The Buderus SSB Gen 2 boiler is backed by a non-prorated 10-year limited warranty for the heat exchangers and 2-years on all other parts. For more information on the Buderus SSB Gen 2, please visit <https://www.bosch-homecomfort.com/us/en/ocs/residential/buderus-stainless-steel-boiler-ssb-gen-2-21088769-p/>

**Press photos and infocharts are available on the Bosch Media Service at [us.bosch-press.com](https://us.bosch-press.com).**

**Contact person/s for press inquiries:**

Lauren Reid

phone: (734) 780-4564

E-mail: [boschhomecomfort@airfoilgroup.com](mailto:boschhomecomfort@airfoilgroup.com)

**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](https://www.bosch.us), [www.bosch.mx](https://www.bosch.mx) and [www.bosch.ca](https://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](http://www.bosch.com), [www.iot.bosch.com](http://www.iot.bosch.com), [www.bosch-press.com](http://www.bosch-press.com).

Exchange rate: 1 EUR = 1.0818

Optional shorter version:

**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](http://www.bosch.us), [www.bosch.mx](http://www.bosch.mx) and [www.bosch.ca](http://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.

Exchange rate: 1 EUR = 1.0818