

From gas to all-electric: Compress Hybrid 5800i G **The most flexible heating solution from Bosch**

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- ▶ All the benefits of a gas boiler – one-to-one replacement in case of a breakdown
- ▶ Hybrid system installed in just one day
- ▶ Fully convertible to a heat pump – highly future-proof

Wernau. At ISH 2025, Bosch Home Comfort is presenting the Compress Hybrid 5800i G, a world's first that eliminates the traditional choice between a fossil, hybrid or all-electric heating solution. The Compress Hybrid 5800i G from Bosch Home Comfort provides all options in one forward-looking system. It allows customers to make flexible decisions and upgrade their heating system to an all-electric heat pump at a low cost.

The all-in solution for almost every residential building in Germany

Nearly 80 percent of the fossil fuel heating systems in Germany are over 15 years old. A one-to-one boiler replacement in the event of a breakdown is usually not viable at this stage, and direct conversion to a heat pump solution is not always technically and financially feasible.

The Compress Hybrid 5800i G from Bosch offers a no-compromise solution: if the old gas boiler fails, it can be easily replaced with the Compress Hybrid 5800i G. The 3 to 30 kW gas indoor unit adapts flexibly to the existing infrastructure. With its fuel flexibility and the ability to keep using existing components like hot water storage tanks or radiators, this system is perfect for both emergencies and planned upgrades – ensuring cost-effectiveness.

Step by step to carbon-free heating

Once the old heating system is replaced, the Compress Hybrid 5800i G is immediately ready for use as a stand-alone appliance. As a next step, the gas heating may be expanded by integrating a heat pump outdoor unit. Depending on the design, the latter can supply up to 80 percent of the required energy, largely using climate-friendly ambient heat. The built-in hydraulics make

integration easier and faster. After optimizing the building's structure, such as through insulation improvements, the Compress Hybrid 5800i G can be fully converted to a heat pump with an e-heater unit, replacing the existing gas heat exchanger.

A milestone for modernization with high user friendliness

The Compress Hybrid 5800i is specifically designed for the heating modernization market, offering a cost-effective, GEG-compliant, and low-risk solution for many modernization projects. This is becoming increasingly important in times of unpredictable government funding. The system's user friendliness is a standout feature, with a single user interface (HMI) that controls the entire system. The integrated electronics provide online access to choose between cost-efficient operation based on the electricity price or the maximum use of renewable energy. The HomeCom Easy app enables convenient control of the Compress Hybrid 5800i G, while professional heating contractors have optional access to remote services and remote monitoring via the HomeCom Pro tool.

The Compress Hybrid 5800i G will be available in Germany starting in March 2025. There are several versions of the system to accommodate a wide range of individual needs. With a heating output of 30 kW, it is suitable for both single family homes and larger residential buildings.



Bosch press photo 01:

Today gas, tomorrow hybrid, the day after tomorrow a heat pump. A heating solution that adapts to individual needs and grows with changing requirements.
(Source: Bosch)



Bosch press photo 02:

The integrated hydraulics enable smooth integration into existing heating systems while reducing installation time. (Source: Bosch)



Bosch press photo 03:

A simple and flexible heating transition without major modifications or high additional costs. (Source: Bosch)

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Bosch Home Comfort Group is a leading European manufacturer of sustainable and energy-efficient heating, cooling, home comfort and process heat solutions. In fiscal 2024, the Bosch Home Comfort Group generated sales of 4,4 billion euros and employed approx. 13,800 people. The company has strong international and regional brands and manufactures a diversified product range in Europe, America and Asia.

For more information, visit www.bosch-homecomfortgroup.com

The Bosch heating and air conditioning brand offers sustainable solutions for heating, cooling and greater comfort and well-being throughout the home. The product portfolio comprises efficient, resource-saving and future-oriented heat pumps, hybrid solutions, solar thermal systems, electric water heaters, air conditioners as well as intelligent energy management systems including home charging solutions for electromobility. The product portfolio is complemented by a comprehensive range of digital tools and services that facilitate the daily work of HVAC professionals. The technical solutions from Bosch cover all requirements of new buildings and modernization projects and are quick and easy to install, simple to maintain and effortless to connect.

For maximum comfort and well-being in your own home, Bosch also offers solutions for better air and water quality. These include home ventilation systems, air purifiers and bathroom fans for clean and fresh air, and water softeners for perfect water quality throughout the home. The "Well-being" portfolio of the Bosch heating and air conditioning brand is completed by infrared panels, bathroom radiators, electric heaters and other indoor climate solutions.

More information as well as press texts and images are available for download on the website at www.bosch-homecomfort.com.