

NORITZ Tankless Water Heater, Model GQH-30H8FFA

30kW Gas Combination Boiler

Rated heat input
30 kW

Minimum heat output
9.8kW

Rated heat output
27.5 kW

Hot water flow (ΔT = 25°C)
16 L/min

This 30kW standard gas combination boiler is suitable for larger residential properties and projects located in colder climates. It delivers strong heating capacity with generous domestic hot water flow to ensure reliable comfort throughout the home.

With its higher heat output of 30kW, the heating system can effectively support floor heating or radiator systems. It is able to maintain stable operation, providing consistent performance and reliable heating even under low-temperature conditions during winter.

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Technical Specifications

Model	GQH-30H8FFA
Rated heat input	30kW
Rated heat output	27.5kW
Minimum heat output	9.8kW
Minimum DHW output	11.5kW
Thermal Efficiency	≥89%
Hot water flow (ΔT=25°C)	16L/min
Dimensions (H × W × D)	740 × 440 × 310 mm
Weight	32.5kg
Water-flow servo motors	0
Staged combustion	No
Circulation pump	1
0.5oC temperature step control	No
Heating temperature range	30-80°C
Hot water temperature range	35-60°C
Noise level (sound power / sound pressure)	≤53dB / ≤39dB
Wi-Fi	No

Component Overview

Combustion Fan A fixed-speed combustion fan is used for stable operation and broad system compatibility. It offers reliable start-up performance and operates effectively under higher-load conditions.	Electronic Controller The controller provides precise temperature control and efficient system performance. It includes multiple safety protections, user-friendly controls, and built-in fault diagnostics to make troubleshooting and maintenance easier.
Sealed Combustion Chamber The sealed combustion chamber incorporates insulation and sound-dampening materials to protect internal components and reduce operating noise. The H-series wall-hung boilers incorporate additional noise-reduction measures, with sound levels as low as 42 dBA*.	Noritz Water Pump Noritz water pumps feature smart self-protection functions integrated that help minimize fault risks over time. They are designed for reduced operation noise to improve comfort in daily use.
Five-Stage Heat Exchanger Design A five-pass heat exchanger helps maintain a compact structure while improving heat transfer efficiency. With enlarged main tubes and an extended heat exchange path, it allows more heat to be absorbed and utilized effectively.	Italian SIT Proportional Valve An Italian SIT proportional gas valve regulates gas flow and pressure with precise and responsive control. This helps the burner operate more smoothly and waste less gas for improved efficiency.
Expansion Tank The expansion tank absorbs pressure changes during the rise and fall of temperature in the water circuit. By stabilizing pressure, it protects key components and maintain consistent operation over time.	

Features

- 30-80°C wide heating range, adaptable to multiple rooms and seasonal demands
- Compatible with Japanese-style dry floor heating systems for better heating performance
- Stable hot water temperature, supporting multiple outlets without interference
- Designed with layered noise control to maintain quieter operation
- Active freeze protection for reliable performance in cold weather

Installation Dimensions



Advantages

 30-80°C temperature range	 Floor heating ready in 30 minutes	 Supports several taps at once	 Consistent hot water supply
 Wide heating range	 Compatible with Japanese-style underfloor heating	 Stable hot water temperature	 Lower noise operation
 Dual anti-freeze protection for winter operation	 Large touch display		

- The "Floor heating ready in 30 minutes" claim is based on Noritz lab testing. Results may vary depending on real use.
- Test data is from Zhejiang Fangyuan Testing and Certification Group, report No. 2411305892.

Applications

The Noritz H Series wall-hung boilers provide an integrated solution for space heating and domestic hot water. They are suitable for multiple areas of the home, including the living room, kitchen, bedroom, and bathroom. Designed to work with Japanese-style dry-installed underfloor heating systems, they offer faster heat response and improved comfort. Compared with conventional wall-hung boilers, the H Series enhances the temperature stability and supports a more consistent whole-home hot water experience.



NORITZ: From Japan, Serving Customers Worldwide

Whether delivering strong underfloor heating performance for larger spaces or ensuring stable domestic hot water for the whole household, Noritz relies on an established manufacturing system to provide high-performance HVAC products. With flexible OEM and ODM customization services for heating equipment, we support our partners in expanding into the global HVAC market.

Inquiry Form

Energy-saving heating equipment continues to be developed to help reduce environmental impact risks, with the goal of supporting a comfortable warm-water lifestyle for users worldwide.



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27kW Staged-Combustion Gas Combination Boiler (Wi-Fi)	40kW Staged-Combustion Gas Combination Boiler (Wi-Fi)	30kW Gas Combination Boiler, Dual Servo Control (Wi-Fi)	30kW Dual-Servo Instant Hot Water Smart Gas Boiler (Wi-Fi)
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- Tankless Water Heater (Staged Combustion)
- Tankless Water Heater (Dual Servo Control)
- Tankless Water Heater (Basic)

- Noritz Corporation
- Company Profile
- Production Facilities

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