

NORITZ Tankless Water Heater, Model GQH-30H8FFAI

30kW Gas Combination Boiler, Built-in Wi-Fi

Rated heat input
30 kW

Minimum heat output
9.8 kW

Rated heat output
27.5 kW

Hot water flow (ΔT = 25°C)
16 L/min

The 30kW standard smart gas combination boiler is developed by Noritz to support large residential properties and projects in colder regions. It delivers smart heating performance required for higher space-heating demand and stable domestic hot water supply.

For HVAC distributors and project contractors, this water heater offers strong cost performance as a smart heating solution. The boiler is commonly used in large residential developments and cold-climate environments. Remote monitoring reduces maintenance workload and helps control service costs over time.

Leave a Message



Technical Specifications

Model	GQH-30H8FFAI
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	Yes

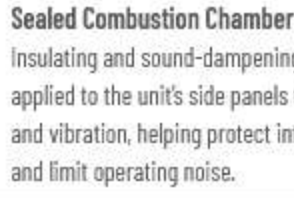
Component Overview



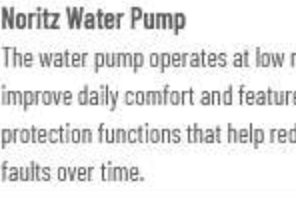
Combustion Fan
Designed for broad compatibility, the fixed-speed fan delivers reliable start-up performance and stable operation under higher load conditions.



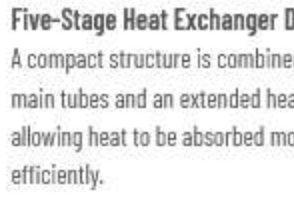
Electronic Controller
The controller ensures accurate temperature control and efficient operation. It also integrates multiple safety protections, user-friendly operation, and built-in fault diagnostics to support easier maintenance.



Sealed Combustion Chamber
Insulating and sound-dampening materials are applied to the unit's side panels to reduce friction and vibration, helping protect internal components and limit operating noise.



Noritz Water Pump
The water pump operates at low noise levels to improve daily comfort and features smart self-protection functions that help reduce the risk of faults over time.



Five-Stage Heat Exchanger Design
A compact structure is combined with enlarged main tubes and an extended heat exchange path, allowing heat to be absorbed more fully and efficiently.



Italian SIT Proportional Valve
The Italian SIT proportional gas valve precisely regulates gas flow and pressure. With fast response and high control accuracy, it helps optimize combustion efficiency and reduce energy consumption.



Expansion Tank
The expansion vessel balances pressure fluctuations in the water system during rise and fall of the temperature and helps protect components to support stable long-term operation.

Features

- Wide heating range from 30-80°C, suitable for different residential heating needs
- Compatible with Japanese-style dry-installed underfloor heating for better heating performance and improved comfort
- Stable hot water temperature, allowing multiple outlets to be used at the same time
- Built-in Wi-Fi smart control for remote monitoring of system operation
- Active freeze protection to ensure reliable heating in cold conditions

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



Built-in Wi-Fi smart control



Lower noise operation



Dual anti-freeze protection for winter operation

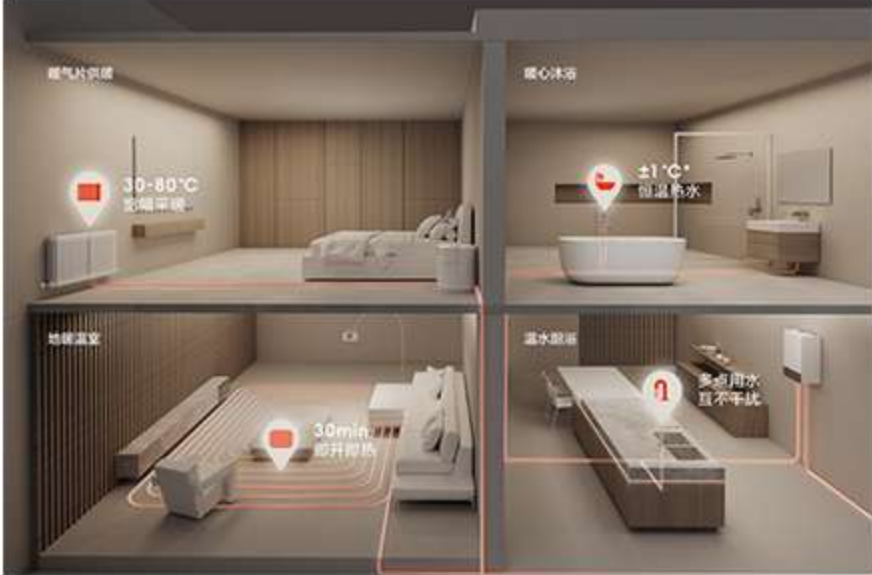


Large touch display

- 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 designed to support multiple areas of the home, including kitchens, living spaces, bedrooms, and bathrooms. Working with Japanese-style dry-installed underfloor heating systems, the H Series delivers fast heat response for improved comfort. It provides a smart solution to common limitations of conventional wall-hung boilers, helping upgrade the home to a more stable and consistent hot water experience throughout.



NORITZ: From Japan, Serving Customers Worldwide

Headquartered in Japan, Noritz has focused on the research and development of heating systems and hot water technologies for more than half a century. Built on a proven and stable HVAC manufacturing platform, we provide competitive smart wall-hung boiler products and flexible OEM/ODM customization options, supporting partners as they develop the global smart 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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22kW Gas Combination Boiler, Dual Servo Control (Wi-Fi)

30kW Dual-Servo Instant Hot Water Smart Gas Boiler (Wi-Fi)