



## **GAR certification gives green light for HYTING to launch hydrogen heating in Europe**

- Hydrogen heating technology company HYTING has achieved Gas Appliance Regulation (GAR) certification and is now fully certified for field test operation
- The certification was issued by Kiwa, one of the sector's longest-established test houses after thorough testing and assessment in the Kiwa lab facilities
- HYTING's flameless, catalytic process enables safe, efficient and clean forced-air heating fuelled by hydrogen, with no CO<sub>2</sub>, NO<sub>x</sub> or particulate matter emissions
- This is the latest milestone in HYTING's commercialisation of its unique technology, which will play a vital role in the decarbonisation of air heating for buildings
- HYTING is currently exhibiting its hydrogen-fuelled heating portfolio at the ISH trade fair in Frankfurt, Germany (Hall 12.1, Booth E08)
- For further information please visit [hyting.com](https://hyting.com)
- Image can be downloaded [HERE](#)

**20 March 2025 Wiesbaden, Germany** – Hydrogen heating technology company HYTING has received Gas Appliance Regulation (GAR) certification for its products and is now fully certified for field test operation in the European market.

GAR certification is mandatory and must be issued by an independent accredited laboratory. HYTING selected Kiwa to perform the stringent testing and subsequent approval of its technology as Kiwa is one of the sector's longest-established test houses, with labs worldwide.

Testing was carried out on the HYTING HG10, a 10kW heat generator which is part of the firm's modular range spanning 10-50kW ratings per unit. All are designed around a proprietary flameless, catalytic process that efficiently generates heat with no CO<sub>2</sub>, NO<sub>x</sub> or particulate matter emissions. Achieving GAR certification is the latest milestone in HYTING's commercialisation roadmap and will help to accelerate the scale-up towards mass production.

**Tim Hannig, Founder and Managing Director HYTING**, said: *"We're very proud that we can now call our innovative hydrogen heat generators 'GAR-certified' because this demonstrates to our customers and investors that our technology is not only safe, but also market-ready. We chose Kiwa to carry out the certification because it is a trusted partner within the heating sector and has a proven reputation for technical excellence."*



Several key milestones in HYTING's industrialisation roadmap have already been achieved, including the strategic development partnership with ebm-papst, manufacturing partnership with Kampmann, and the first customer – Flusys. HYTING is currently exhibiting its first market-ready products at ISH, world's leading trade fair for HVAC and water, in Frankfurt, Germany (Hall 12.1, booth E08).

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**About HYTING:**

HYTING is a heating technology company founded in 2021 with the aim to deliver carbon-free heating fuelled by hydrogen: no CO<sub>2</sub>, NO<sub>x</sub>, or particulates. It has developed a forced-air heating system (patents-pending) that utilises a molecular, exothermic catalytic reaction to turn a mixture of hydrogen and oxygen from the air into heat – the only by-product is water. This flameless oxidation process is at the heart of HYTING's simple, safe, efficient and clean heating systems.

Decarbonising heating is a globally recognised challenge, and HYTING's technology can help to accelerate the transition from carbon-fuelled heating technologies to cleaner, more sustainable heating systems, and enabling net zero emissions by 2050.

The HYTING technology is used in heating systems for industrial, commercial and logistics buildings with heat outputs from 10 – 300 kW per unit, for process heat of up to 300°C and in the automotive sector for applications such as parking heaters. HYTING's system will initially be used in commercial and industrial applications with heat outputs from 10-300 kW per unit. The company is scaling quickly from prototype to series production, with the first customer trials beginning early 2025. HYTING is based in Wiesbaden, Germany, and is run by a leadership team with decades of experience in the engineering sector.

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