HYTING partners with Kampmann to manufacture HYTING's hydrogen heating systems for industrial, commercial and logistics buildings

- Hydrogen heating technology company HYTING partners with HVAC specialist Kampmann to manufacture HYTING's hydrogen-fuelled heating and ventilation units
- HYTING'S product portfolio initially consists of three different air heating systems, all utilizing a hydrogen-powered heat generator for heating in new or existing buildings:
    - HYTING AirSYS RTU: A rooftop unit that can be easily integrated into hall ceilings
    - HYTING AirSYS Cube: A heating register that can be effortlessly retrofitted as an AHU module
    - HYTING AirSYS Combi: A combination of an AirSYS Cube and a compact AHU from Kampmann, designed for heating and fresh air supply
- All units can be combined with heat pumps to create hybrid systems, enabling smart energy management
- Leveraging Kampmann's air-system engineering and manufacturing expertise, the HYTING AHUs will be produced and shipped from Kampmann's manufacturing facilities
- The first units of this partnership will be on display at the HYTING booth on ISH trade fair in Frankfurt, Germany, from 17-21 March (Hall 12.1, Booth E08)
- HYTING's flameless, catalytic process enables safe, efficient and clean forced-air heating fuelled by hydrogen, with water as the only by-product – third-party testing confirms no detectable CO_2, CO, NOx or particulate emissions
- The modular design makes it simple to tailor the systems to suit different customer requirements
- Decarbonising heating is a globally recognised challenge, and one which must be quickly overcome if the ambitious target of net-zero is to be achieved by 2050
- For further information please visit hyting.com
- Imagery for download can be found here

12 March 2025 Wiesbaden, Germany – HYTING, a company for hydrogen heating systems, and Kampmann, a global leader in HVAC technology, have established a partnership to manufacture HYTING's hydrogen-fuelled heating and ventilation systems for industrial, commercial and logistics buildings.

The agreement signed by the two companies outlines that Kampmann will support the integration of HYTING's hydrogen-fuelled heating technology into existing air heating systems and manufacture these units.

HYTING's initial product scope includes a rooftop unit (HYTING AirSYS RTU), an HVAC module (HYTING AirSYS Cube), and a combination of the Cube and an AHU (HYTING AirSYS Combi). The AirSYS RTU system is a hydrogen-fuelled recirculating rooftop unit designed for highly efficient, CO_2-free heating. As a standalone unit, it is easy to install and requires minimal coordination with other trades. The AirSYS Cube can be seamlessly retrofitted into existing ventilation systems, providing 100% CO_2-free heat without costly infrastructure changes, minimizing capital expenditure (CAPEX) and avoiding operational downtime. Alternatively, it can also be combined with new AHU systems (AirSYS Combi). All HYTING units can be integrated into a hybrid system with a heat pump, ensuring peak loads are covered by HYTING's hydrogen technology. As an established specialist in the HVAC industry, Kampmann manages the integration of the HYTING heat generator into the HVAC systems manufactured at their facilities.

The inherently safe, energy efficient, zero-emission units can play a key role in decarbonising heating, and offer customers a modular, scaleable design that is simple to tailor to their specific requirements. They also enable customers to reduce CAPEX by up to 75% compared to options such as electricity-based heating systems, deliver substantial energy savings, and can operate either as standalone solutions or as part of a hybrid system working alongside heat pumps – using hydrogen to efficiently deliver rapid heating in cold weather and at periods of high electricity demand ensures optimal performance at all times.

The first units from the partnership will be shown at the HYTING booth on ISH Frankfurt – the world's leading HVAC trade fair – in March 2025 (hall 12.1, booth E08). The first installation will also take place in Q1 2025, at Flusys GmbH, at the firm's newly established production facility for precision pumps in Offenbach, Germany.

Tim Hannig, Founder and Managing Director HYTING, said: *"At HYTING, we are thrilled to collaborate with Kampmann, a company renowned for its expertise and innovative spirit. Kampmann's strong technical capabilities and knowledge of air distribution combined with world class manufacturing capabilities make them the ideal partner for manufacturing our hydrogen-fuelled heating systems."*

"*Innovation and energy efficiency are driving forces in our company, and we take pride in that. Today, we already offer a wide range of efficient and sustainable solutions for our customers. With HYTING, we are now entering the new field of hydrogen heating systems,*" said **Dennis Peters**, Head of Product Management Kampmann.

HYTING's innovative concept offers a simple, safe, efficient, and clean way to generate heat directly from hydrogen and oxygen from air using a unique catalytic process (patents-pending). Unlike systems that rely on combustion to generate heat, HYTING's technology does not produce any NOx, CO, CO_2, or particulate emissions – the only by-product is water. Furthermore, it does not use flammable concentrations of hydrogen at any operating point. It is modular and highly scalable in design, with outputs of 10-300kW, enabling it to be configured for a wide range of applications, including commercial and residential buildings, process heat applications and even heating systems for commercial vehicles. The technology is therefore suitable for a wide range of potential applications in buildings, vehicles, and thermal processes.

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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_2, NOx, 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 HYYTING'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. 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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About Kampmann:
Kampmann GmbH & Co. KG is a system provider for high-quality and energy-efficient ventilation and air conditioning technology. Founded in 1972 and headquartered in Lingen (Ems), the family-owned company now employs over 1,000 people worldwide. With two production sites in Germany and a plant in Poland, Kampmann is market leader in the fields of air heaters, fan coils, and trench convectors.