

# Press information

## **New Heat Pumps Set High Standards: alpha innotec Expands Hybrox Series with Powerful Versions**

- **New sizes 11 and 16: Powerful complementation of the Hybrox series**
- **Plug & Play indoor unit: New hydraulic towers of Hybrox 11 and 16 are ideal for renovation and modernization**
- **Flexible control: All devices are now Smart-Grid-Ready**

**Kasendorf, March 6<sup>th</sup>, 2024**

The ait-group, a pioneer in the use of natural refrigerants in heat pumps, presents its latest air/water heat pump under the alpha innotec brand. The Hybrox 11 and 16 complement the Hybrox series with two additional powerful variants of the well-known series. These efficiently supply living spaces with heat, hot water, and cooling. Thanks to high performance standards, the devices are ideal for renovations and modernizations.

### **The Hybrox 11 and 16 – Setting New Standards for Renovation and Modernization**

The new sizes of the Hybrox are capable of handling a building heating load of up to 11 or 16 kW. Therefore, the new Hybrox devices are suitable for a wide range of requirements, from use in multi-story new buildings to operation in old buildings. In addition, the new expansion stages of the highly efficient Hybrox series also feature integrated cooling functions, which can be used combined with underfloor heating. Like their predecessors with 5 and 8 kW, the new models also operate with the environmentally friendly refrigerant propane (R290), which has already been used by alpha innotec for 25 years. Thus, the ait-group continues to consistently focus on environmental friendliness and efficiency, enabling the 5% special funding of the BEG. Due to the unique combination of high-performance components and the refrigerant propane (R290), the new Hybrox models achieve impressive flow temperatures of up to 78°C. The latest alpha innotec models also impress with a new, modern design and extremely quiet operation. Even under extreme conditions of -22°C and a flow temperature of 65°C, the devices do not require additional heating elements. The combination of these advantages makes the Hybrox 11 and 16 the ideal heat pump for many renovation projects, one of the largest and fastest-growing market segments at present. The new models also feature all the technical highlights that define a modern heat pump.

### **Smart Grid Ready: Hybrox Supports Intelligent and Digital Power Grids**

The future of energy infrastructure lies in interconnected and intelligent consumption systems. With the introduction of the new Hybrox devices, all new heat pumps from alpha innotec are now Smart-

Grid-Ready and can, for example, be remotely controlled via the myUplink platform or connected to Home Energy Management Systems.

Managing Director Sjacco van de Sande comments: "Decarbonizing the building stock is one of the most pressing challenges of the energy transition. In a competitive market, it is our commitment to our customers to bring the best and most efficient products to the market. With the Hybrox 11 and 16, we are expanding our product portfolio with heat pumps that are optimal for renovation and modernization - one of the fastest-growing market segments."

For all details and further information about the Hybrox series and the new devices, please visit [here](#).

### **About ait-deutschland / ait-group:**

ait-deutschland GmbH is part of the NIBE Group, a leading European provider of sustainable energy solutions. Since its foundation in 1998, ait-deutschland has pursued consistent product development with a clear focus on market requirements. ait is one of the European market leaders in heat pump technology with approximately 1,400 employees and subsidiaries in Austria, Switzerland, the Czech Republic, Slovakia, the Netherlands/Belgium, the USA, and Sweden.

The high-end technology products – particularly heat pumps and cooling systems – are marketed and licensed under the brands alpha innotec, NOVELAN, and KKT chillers. Currently, the products are sold in more than 25 European countries, while KKT chillers distributes its products worldwide.

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