

# Press

---

## **Stiftung Warentest Extends Heat Pump Test: Top-Rated Viessmann Vitocal 250-A Continues to Lead Field**

- **With an annual electricity consumption of 4,950 kWh, more than 1,500 kWh less than other heat pumps tested**
- **One of the quietest heat pumps of its kind**
- **Viessmann One Base provides simple operation**

**Allendorf (Eder), 09.08.2024** –The Vitocal 250-A air/water heat pump is the ideal combination of many attributes: highly efficient, climate-friendly, extremely quiet and particularly suitable for modernization. Following last year's comparison, in which the Vitocal 250-A emerged as the winner, Stiftung Warentest recently carried out another test with five manufacturers. Although based on different test parameters, the comparison of the two groups clearly shows that the innovative heat pump from Viessmann continues to lead the field with its test results and an overall rating of "GOOD" (2.1). [Viessmann Climate Solutions](#) is part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

### **Best result for energy efficiency and environmental properties**

In the particularly important assessment criterion "Energy efficiency and environmental characteristics when heating", the [Vitocal 250-A](#) already achieved the best result ("GOOD" or 2.1) in the October 2023 test. It was the only heat pump of all tested devices with annual electricity consumption under 5000 kWh (assessed using a model home with 140 m<sup>2</sup> living space and an annual heat consumption of 150 kilowatt hours per square meter). Because the heat pump is also operated using the natural refrigerant R290 (propane), the device also contributes to climate protection. R290 (propane) is considered to be one of the most environmentally-responsible refrigerants, with an extremely low GWP100 (global warming potential) of 0.02 (according to IPCC AR6).

# Press

---

## **Quiet as a whisper in full and partial load operation**

An extra bonus of the Vitocal 250-A is the particularly quiet operation of the exterior device. The fan features a low-noise design and employs an intelligent speed control unit that significantly reduces air noise during full and partial load operation. Extensive development work in the Viessmann Acoustic Laboratory, one of the most modern acoustic laboratories in Europe, means that the heat pump's fans and compressors are almost imperceptibly quiet. This makes the Vitocal 250-A one of the quietest of its kind, at 30 dB(A) in noise-reduced operation at a distance of four meters. It is therefore no problem to install the external units in densely built-up areas or near property lines.

## **A grade of 1.6 for easy usability**

Be it for the installation and commissioning or the controls on the device or through the ViCare app – the easy, uncomplicated operation of the device earned it a grade of 1.6. The patented Hydro AutoControl hydraulic system greatly accelerates the installation of the new heat pumps. It ensures that the devices adapt to almost all available heating systems during the modernization process and eliminates the kind of time-consuming installation work that other heat pumps require. That's a huge advantage for Viessmann's specialist partners in the trade sectors.

## **About Viessmann Climate Solutions**

Founded in 1917 as a heating technology manufacturer, today Viessmann Climate Solutions is a leading global provider of sustainable climate (heating, cooling, water and air quality) and renewable energy solutions. The Integrated Viessmann Climate Solutions portfolio seamlessly connects products and systems via digital platforms and services, creating an individualized feel-good climate for users. Viessmann Climate Solutions is part of Carrier Global Corporation, global leader in intelligent climate and energy solutions that matter for people and our planet for generations to come. For more information, visit <https://www.viessmann-climatesolutions.com/en.html>.

# Press

---

## Images / Image lines



**Image 1:** The winner of the Stiftung Warentest comparison in October 2023 with an overall rating of "GOOD" was the Vitocal 250-A air/water heat pump from Viessmann Climate Solutions.



**Image 2:** Among all the devices tested, the Viessmann Vitocal 250-A was the only one to consume less than 5,000 kWh of electricity per year - this ensured the best result in the test category "Energy efficiency and environmental characteristics when heating".