

## Press release

17/03/2025

### **Premiering at ISH: Wilo-Atmos PICO plus completes heating pump range**

New pump for use in residential applications available in Germany from April 1st

**Dortmund/Frankfurt.** Wilo is presenting the new Wilo-Atmos PICO plus for the first time at the world's leading trade fair for HVAC and water, ISH, in Frankfurt. This high-efficiency addition expands the pump and pump solutions supplier's range of heating pumps for detached and semi-detached homes. The compact glandless circulation pump stands out with its user-friendly operation and functional features. Officially available in Germany from April 1st, the pump marks the new entry-level model in Wilo's product portfolio.<sup>1</sup>

The design of the new Wilo-Atmos PICO plus is based on the company's well-known and proven glandless pump manufacturing, which includes the successful Wilo-Yonos PICO plus. The Wilo-Atmos PICO plus is presented as an efficient circulation pump with a simple user interface that focuses on the most important settings. The control panel features a green button and LEDs, allowing users to select from two control modes with three stages each at the push of a button.

For example, the variable pressure control mode adjusts the pump's performance when the heating demand decreases, which keeps energy consumption to a minimum. This mode is particularly used in radiator systems with thermostatic valves. The constant speed mode makes the Wilo-Atmos PICO plus especially suitable as a storage charge pump. A central LED indicates the correct operation of the pump or displays message codes to signal the presence of air, dry run, or blockages. This means the Wilo-Atmos PICO plus not only serves as a diagnostic tool for its own operation but can also infer potential faults in the heating system.

With its blocking-current proof EC motor and integrated electronic power control, the Wilo-Atmos PICO plus automatically and continuously adjusts to the required demand. Its low power consumption, from as little as 4 watts, achieves attractive

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energy efficiency values and is equipped as standard with a thermal insulation shell for additional energy savings. Replacing an uncontrolled old pump with the Wilo-Atmos PICO plus offers a convincing energy savings potential of up to 80 per cent.

Its compact design allows for quick and easy installation. The Wilo-Connector plug simplifies the process, enabling the electrical connection to be made tool-free with its click-fit electrical terminals. A major advantage: all Wilo pumps in the PICO series as well as the Wilo-Star-Z NOVA use the same electrical connector. This allows for continued use during a replacement, benefiting the installer by avoiding the need for new wiring.

Alongside the Wilo-Yonos PICO plus, the Wilo-Atmos PICO plus forms the ideal replacement pump for existing installations, though it offers reduced functionality compared to its more versatile counterpart. This way, Wilo offers the right heating pump for every need. The potential for pump replacement is immense: an estimated 11 million uncontrolled pumps are currently still installed in the approximately 17 million existing residential buildings with central heating in Germany.<sup>2</sup>

The new Wilo-Atmos PICO plus will be introduced to the German market for the first time at ISH 2025 and will be available in sizes 25 1-4, 1-6, and 1-8 as of April 1st.

<sup>1</sup> All product specifications pertain to heating pumps for the German market. For information on availability and dimensions in other countries, please contact the respective Wilo representatives.

<sup>2</sup> TU Dresden, Prof. Dr.-Ing. Clemens Felsmann: Brief report on the energy savings potential of replacing pumps in heating systems (§64 GEG) in the context of the planned heat pump initiative, June 2023

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### Image:



**Caption:** Wilo's well-known and proven range of heating pumps is growing: The Wilo-Atmos PICO plus adds an attractive entry-level model to the portfolio, focussing on the most essential functions for use in residential applications.  
Image: WILO SE

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### Image:

wilo		 SMALL houses	 MEDIUM houses	 LARGE houses
Parameters	Boiler output P	< 10 kW	10 to 16 kW	< 24 kW
	Number of radiators	< 15 pcs	15 to 20 pcs	< 30 pcs
	Heated floor area	< 120 m <sup>2</sup>	120 to 220 m <sup>2</sup>	< 300 m <sup>2</sup>
Pumps	Stratos PICO plus 15-25-30/0,5-4	✓	-	-
	Stratos PICO plus 15-25-30/0,5-6	✓	✓	-
	Stratos PICO plus 15-25-30/0,5-8	✓	✓	✓
	Yonos PICO plus 15-25-30/1-4	✓	-	-
	Yonos PICO plus 15-25-30/1-6	✓	✓	-
	Yonos PICO plus 25-30/1-8	✓	✓	✓
	Atmos PICO plus 25/1-4	✓	-	-
	Atmos PICO plus 25/1-6	✓	✓	-
	Atmos PICO plus 25/1-8	✓	✓	✓
	Varios PICO-STG 15-25/1-7	✓	✓	-
	Varios PICO-STG 15-25-30/1-8	✓	✓	✓
	Varios PICO-STG 15/1-13	✓	✓	-

**Caption:** Which Wilo heating pump is suitable for which application? The new Wilo-Atmos PICO plus completes the range with a practical solution for small and medium-sized residential buildings.<sup>1</sup> Image: WILO SE

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### About Wilo:

The Wilo Group is one of the world's leading premium suppliers of pumps and pump systems for building services, water management and the industrial sector. In the last decade, we have evolved from a hidden to a visible and connected champion. Wilo employs around 9,000 people around the globe today. With innovative solutions, smart products and individual services, we provide the clever, efficient and climate-friendly service of keeping water flowing. We already are the digital pioneer within the industry with our products and solutions, processes and business models.

For more information, go to [www.wilo.com](http://www.wilo.com)