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New Low-GWP Chillers: What Is Changing and When

The **new Low-GWP chillers** have been developed to meet the latest regulatory requirements and environmental sustainability objectives through the use of refrigerants with a lower global warming impact. They represent the natural evolution of the current product range, while retaining its key strengths: configurability, a broad product offering, and the ability to adapt to the diverse requirements of industrial applications.

WRA ErP: Transition to Low-GWP Models

The WRA product range is being updated with the introduction of models using **R1234yf and R513A refrigerants**, which will progressively replace the previous R134a and R410A versions.

For the 5–6 kW capacity range, currently covered by the WRA18, the larger WRA20 model is now proposed. The following table shows the correspondence between the models:

Current Model	Refrigerant		New Model	Refrigerant
WRA13	R134a	->	WRA13	R1234yf
WRA18	R134a	->	WRA20	R1234yf
WRA20	R410A	->	WRA20	R1234yf
WRA25	R410A	->	WRA25	R1234yf
WRA30	R410A	->	WRA30	R1234yf
WRA35	R410A	->	WRA35	R1234yf
WRA50	R410A	->	WRA50	R513A
WRA55	R410A	->	WRA55	R513A
WRA65	R410A	->	WRA65	R513A
WRA80	R410A	->	WRA80	R513A
WRA90	R410A	->	WRA90	R513A
WRA0A	R410A	->	WRA0A	R513A
WRA5A	R410A	->	WRA5A	R513A

Capitale sociale € 1.500.000,00
R.E.A. VR0221183
Registro Imprese VR

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The differences compared to the current WRA ErP range are limited:

- **WRA13 to WRA35** models using R1234yf **are slightly taller**. This change facilitates installation and maintenance activities by improving access to the electrical panel components and ensures full compliance with ErP Regulation 2024/1834 relating to fans.
- The **WRA5A is approximately 400 mm deeper**, preparing the platform for a future expansion of the indoor range up to approximately 75 kW.
- The **WRA0A** has been resized to **match the dimensions of the WRA90** (2019 × 895 × 1175 mm).
- Regarding configurations, the **P4 brine pump and P6 brine pump versions will no longer be available for the WRA5A**. Due to its highly customised nature, the **two-circuit Laser version** will be assessed and quoted upon request.

For completeness, the table below shows the correspondence between the new **Low GWP** chillers and the WRA models that preceded the WRA ErP range.

WRA	WRA ErP Low GWP	WLA Compact Low GWP *
WRA35	WRA13	WLA10
WRA45	WRA13	WLA13
WRA58	WRA13	
WRA70	WRA20	
WRA85	WRA25	
WRA95	WRA30	
WRAA3	WRA35	
WRAA6	WRA50	
WRAA8	WRA55	
WRAB4	WRA65	
WRAB8	WRA80	
WRAC2	WRA90	
WRAC8	WRA0A	
WRAD8	WRA5A	

* **WLA Compact** chillers represent the ideal solution where all the following conditions are met: fluid supply temperature above 13°C, indoor installation, maximum required pressure of 5 bar, and single-phase power supply..

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Transition to Low-GWP Models for WLA Compact

Given their lower cooling capacities, the Low-GWP **WLA Compact** range will **use R1234yf refrigerant exclusively**, according to the following correspondence:

Current Model	Refrigerant		New Model	Refrigerant
WLA02	R134a	->	WLA02	R1234yf
WLA03	R134a	->	WLA03	R1234yf
WLA05	R134a	->	WLA05	R1234yf
WLA08	R134a	->	WLA08	R1234yf
WLA10	R134a	->	WLA10	R1234yf
WLA13	R134a	->	WLA13	R1234yf

The new range introduces solutions designed to improve reliability, flexibility, and ease of commissioning while maintaining dimensions very similar to the current models.

- **The new dust-tight tank and electrical panel with standard IP54** protection rating ensure appropriate separation of these components from the external environment and airborne contaminants.
- The **extension of the standard minimum ambient temperature limit to -5°C** increases flexibility for operation in colder environments.
- The **filling cap positioned on the top of the unit** makes tank filling simpler and faster.
- **For WLA10 and WLA13 models**, a **version with a minimum water temperature of -5°C** is now available.

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Order and Delivery Deadlines

To support effective planning and ensure compliance with the new regulatory requirements coming into force on 1 January 2027, **orders for the current WLA Compact and WRA ErP ranges will be accepted until 31 August 2026**, subject to any subsequent availability of certain models with short lead times.

Order confirmations will indicate delivery dates no later than 30 November 2026, even where later delivery dates are requested in purchase orders.

For customised models ordered before 31 August 2026, should our assessment indicate delivery beyond 30 November 2026, customers will be informed promptly that the ordered models cannot be supplied and will instead be offered suitable Low-GWP alternatives.

We therefore encourage customers to place orders for the current chillers as soon as possible. This will help ensure prompt and prioritised processing of requests and guarantee product availability within the required deadlines.

At the same time, the **new Low-GWP models will be available to order from 1 September 2026**.

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