



For immediate release

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Riello Introduces DOMUS M, The New Range of Air-to-Water All-in-One Heat Pumps with R32

LEGNAGO, Italy, 15th April — [Riello](#) is pleased to announce DOMUS M, the new range of split air-to-water all-in-one heat pumps with R32 refrigerant. Riello is part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions that matter for people and our planet for generations to come.

DOMUS M captures thermal energy from the air, a renewable and free resource, using the outdoor unit, and household electricity to produce heating, cooling, and domestic hot water. Leveraging Inverter compressor technology and refrigerant gas, this system efficiently transfers the air's thermal energy to water for domestic purposes, as well as to the water in the heating circuit, which serves underfloor heating systems, radiators and fan coils.

DOMUS M can achieve heating temperatures up to 65°C and is operable across various outdoor air temperatures: it can function in heating mode from an outdoor temperature as low as -25°C, in cooling up to +43°C, and for domestic hot water from -5°C to +43°C.

Riello, which is committed to offering high-quality products, uses R32 refrigerant gas in this new range, with a global warming potential (GWP) of 675, lower than that of R410A refrigerant of 2088¹. R32 refrigerant increases the energy efficiency of the systems in which it is used and helps reduce environmental impact, in line with the rules imposed by European regulations.

In terms of energy classification, DOMUS M achieve class A+++², in heating and cooling (A7, W35°C) and class A+³ for domestic hot water, according to the European ErP Directive (26.09.2015).

In the DOMUS M range, both the outdoor unit and the floor standing indoor unit feature a simple and functional design. Both are optimized to offer a high degree of energy efficiency, with the ability to modulate power output based on actual load. This capability minimises energy consumption and maximises savings.

Another key advantage of the new range is the low noise level, which thanks to its advanced design, can be reduced to as low as 39 dB(A) by setting it to Silent Mode.

Furthermore, DOMUS M is compatible with the **Hi Comfort T300-I**, an advanced control system featuring a modern and elegant design that functions as a System Manager for heating and cooling systems, including heat pumps. With the built-in gateway, the system can connect with the **Hi, Comfort App** for remote management and optimized comfort programming.

¹ Pursuant to the Regulation (EU) 2024/573

² The energy efficiency class range of this product category is from D to A+++

³ The energy efficiency class range of this product category is from F to A+

"The DOMUS M series exemplifies the perfect union of technological innovation and environmental stewardship," stated **Thuy Hoang, Product Owner Heat Pumps RLC EMEA, Carrier**. "Riello has indeed created a heat pump that is sustainable and quiet, providing the highest level of installation flexibility, efficiency, and energy and cost savings, whether for new buildings or retrofit projects."

Ideal for residential applications, DOMUS M serves as an effective solution both for replacing wall-mounted gas boilers and for new construction.

DOMUS M is available in 10 different power sizes for the outdoor unit and offers a wide range of choices between single phase (from 4 to 16 kW) and three phase (from 12 to 16 kW) models.

Outdoor unit: two sizes across these 10 power ranges.

All-in-one indoor unit: four models with various configurations of backup heater and two different domestic hot water tank sizes (190 liters or 240 liters).

For more information, visit: [riello.it](https://www.riello.it)

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About Riello:

Founded in 1922, Riello is a leading brand in the production of heating, cooling, and energy efficiency systems and technologies for the residential and commercial sectors and is a global leader in combustion technology. Based in Legnago (Verona), Italy, Riello operates in over 120 countries. Riello is part of Carrier Global Corporation, global leader in intelligent climate and energy solutions that make a difference for people and our planet for future generations.