

Beretta Increases Comfort and Sustainability with Hydro Unit P, New Heat Pump for Residential and Light Commercial Sectors

LEGNAGO, Italy, November 2, 2023 – The Hydro Unit P from [Beretta](#) is a new monobloc air-to-water heat pump that delivers innovation and sustainability with the ultra-low global warming potential (GWP) of its R290 natural refrigerant. Made in Europe, this highly efficient heat pump will benefit end users with its year-round comfort and extremely quiet operation. Installers also benefit from the unit's light weight and compact dimensions to suit small spaces, including balconies. Beretta is a part of Carrier Global Corporation (NYSE:CARR), global leader in intelligent climate and energy solutions.

“The development process for our Hydro Unit P reversible air-to-water heat pump focused on the overriding objective of delivering added value to both installers and end users,” said Thuy Hoang, Product Manager Heat Pumps, Global Comfort Solutions Europe, Beretta. “The introduction of several key features has resulted in a highly sustainable, quiet, compact and light product that improves heating and cooling performance in both domestic and light commercial applications.”

The use of R290 refrigerant by Hydro Unit P represents an environmentally-responsible choice that, compared with heat pumps using traditional refrigerants such as R410A, delivers a 99.9% reduction in GHG emissions. Furthermore, the high energy efficiency of a natural gas like propane demands less energy to provide the same heating

or cooling capacity as synthetic gases. In support of lower energy bills, all models in the range offer high SCOP up to 4.82 and SEER up to 5.34.

Another benefit for end users is extremely quiet operation: in decibel terms no more than the rustle of leaves. Even further reductions in noise output are possible via the unit's silent mode. Additionally, customers will enjoy year-round comfort due to high leaving water temperature up to 75 C.

Regarding installation, the Hydro Unit P offers easier handling with a reduced weight that starts from just 78 kg, while compact dimensions such as a width of only 946 mm support installation in tight spaces, like balconies. A simple, logical monobloc design facilitates easy access and straightforward connections, providing yet more advantages for installers. The BluEdge® service app is available to assist commissioning, diagnostics and troubleshooting.

In terms of compatibility, Beretta's Hydro Unit P is ideal for use with low to medium-temperature emitters (fan coil units, underfloor heating, hydronic cassettes, radiators and mixed installations) and high-temperature emitters for renovations (boiler replacement). Hybrid systems can also benefit from the new heat pump. The range extends from 4 to 14kW, encompassing single-phase (4-14kW) and three-phase (12-14kW) models.

The introduction of progressive, sustainable solutions such as Hydro Unit P heat pumps support [Carrier's 2030 Environmental, Social & Governance goals](#) of reducing customers' carbon footprint by more than 1 gigaton.

For more information visit berettaclima.it

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About Beretta

Beretta is a leader in residential heating and hybrid systems aimed at multi-energy and multi-efficiency solutions, providing excellence and innovation for comfort within homes throughout the world. Its parent company, Riello, is a leader in manufacturing systems and technologies for heating, cooling and energy efficiency in the residential and commercial sectors and a world-wide leader in combustion technology. Headquartered in Legnago (Verona), Italy, Riello operates in over 120 countries. Riello is a 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 www.berettaheating.com

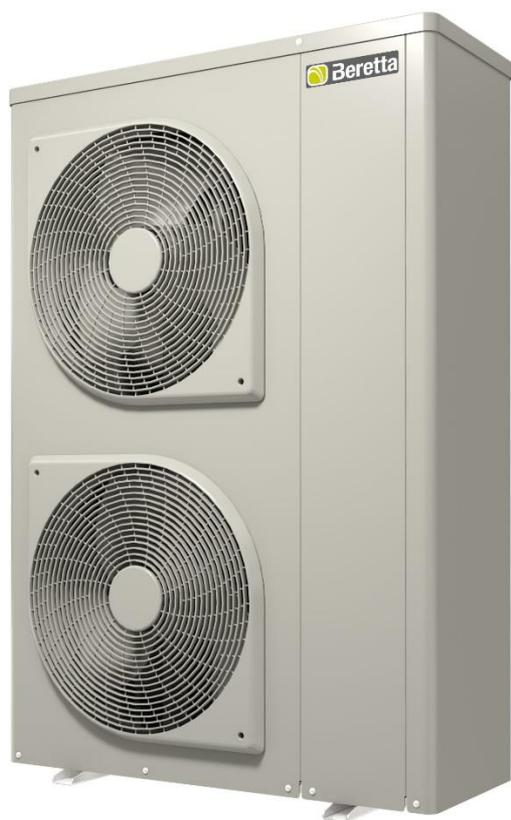
- New Beretta Hydro Unit P monobloc air-to-water heat pump



BERETTA HYDRO UNIT P RANGE



BERETTA HYDRO UNIT P 004-010 SINGLE FAN



BERETTA HYDRO UNIT P 012- 014 DOUBLE FAN