



Energy For Life

Riello Introduces CONDEXA HPR Wall-Hung Modular Condensing Boiler

LEGNAGO (Verona), Italy, May 10th, 2023 – Riello announced the launch of the CONDEXA HPR unit, a new wall-hung modular condensing boiler, developed to allow dimensional compactness and installation flexibility for very high energy efficiency.

Riello is part of Carrier Global Corporation (NYSE:CARR), global leader in intelligent climate and energy solutions.

The stand-alone or cascade (linear or back-to-back) configurability, and the high-power modulation ratio (1:8 as stand-alone; 1:32 in cascade) allow CONDEXA HPR to adapt to large variations in system heat demand, making it suitable for a wide variety of applications, from residential units to data centres, schools, commercial buildings or industrial plants. Thanks to its intrinsic characteristics and the wide range of optional accessories, the CONDEXA HPR allows designers and installers to meet the most diverse requirements of construction engineering, both in new buildings and in the replacement of old heating plants. With the new CONDEXA HPR, Riello meets the technical and regulatory specifications of the heating sector, thanks to the high performance achieved in all areas, with high efficiency and low emissions into the atmosphere.

The CONDEXA HPR range consists of four models from 35 to 70 kW, all equipped with a modulating circulator enabling a variable flow rate according to the flow and return temperatures, to allow operation in maximum condensation conditions.

The new combustion modules, housed within the CONDEXA HPR, are equipped with a stainless-steel heat exchanger and premixed burners, fitted with a wire mesh combustion head and air-gas mixer, and allow a wide modulation range, silent operation and reduced pollutant emissions.

The electronic control, with its calculation speed and advanced management algorithms, allows sophisticated room temperature regulation and optimal operation. The cascade system of up to four modules, which can achieve a total output of 280 kW, is controlled by the Cascade Manager accessory device, that can regulate the ignition and power modulation of all system modules. The redundancy of the cascade's thermal modules provides uninterrupted operation of the CONDEXA HPR system, even during maintenance operations.

The wide range of optional accessories completes the offer, allowing multiple configurations of the product. These include the possibility of interfacing primary and secondary circuits with both hydraulic separator and plate heat exchanger, electronic modules for remote control, management of additional thermal zones, production of domestic hot water, also with solar integration, hydraulic kits for cascade installation and the set of components for the management of the flue system.

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



- New Riello CONDEXA HPR – modular condensing wall hung boiler



- New Riello CONDEXA HPR – 4 modules in B2B cascade configuration with hydraulic separator

About Riello

Founded in 1922, Riello is a leading brand 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.riello.com

Riello S.p.A.

Via Ing Pilade Riello 7

37045 Legnago(VR) - Italia

Silvia CARESTIA

Phone: +39 349 9381967

silvia.carestia@carrier.com

<https://www.riello.com/>