



For Immediate Release

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Carrier Adds 515B Lower GWP Refrigerant Option to AquaEdge 19MV Oil-Free Water-Cooled Chiller

CHARLOTTE, N.C., Feb. 16, 2023 — [Carrier](#) has announced the availability of the lower global warming potential (GWP) 515B refrigerant in its award-winning AquaEdge® 19MV oil-free water-cooled chiller. Carrier is a part of Carrier Global Corporation (NYSE: CARR), the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions.

“The AquaEdge 19MV is leading the industry in reliability, performance and best-in-segment efficiency for sustainable building applications in its category,” said Tom Franaszek, Director, Global Product Management, Water-cooled Chillers, Carrier Commercial HVAC. “The AquaEdge 19MV can take full advantage of cold condenser water, chilled water reset and other energy-saving practices to further improve building performance.”

First introduced in late 2021, the AquaEdge 19MV is capable of maintaining performance in severe, extreme and unexpected operational and weather conditions. Select units provide balanced performance that is up to 10% better than ASHRAE 90.1 2019 path B at both full and part loads. Combined with low-lift operation, quick restart times and low noise levels, the AquaEdge 19MV is particularly well suited for 24/7 applications such as hospitals and data centers.

“From the beginning, we wanted to make it easier and more efficient for specifying engineers, contractors, building owners and facility managers,” said Franaszek. “The 19MV’s compact 72 by 80-inch footprint on select models fit through double doors without disassembly. The movable, intelligent control panel makes it easy to track and analyze operational data, and it can link to a building automation system for remote access to the chiller’s running data.”

To reduce unplanned downtime, [Carrier’s BluEdge™ service platform](#) helps keep the 19MV running efficiently throughout its lifecycle with proactive solutions. By leveraging Carrier’s proven EquiDrive™ two-stage back-to-back compressor technology with magnetic bearings, the AquaEdge 19MV provides expanded operating range while improving chiller energy efficiency and building resiliency.

The AquaEdge 19MV was named the 2022 Commercial Comfort Product of the Year in the Cooling Equipment category by a panel of independent engineers selected by the editorial staff of Engineered Systems magazine. Energy efficient solutions using lower GWP refrigerants such as 515B support Carrier’s aim to reduce its customers’ carbon footprint by one gigaton, part of its [2030 Environmental, Social and Governance \(ESG\) Goals](#).

To learn more about the AquaEdge 19MV, visit www.carrier.com/commercial/en/us/19mv.

About Carrier

Founded by the inventor of modern air conditioning, Carrier is a world leader in high-technology heating, air-conditioning and refrigeration solutions. Carrier experts provide sustainable solutions, integrating energy-efficient products, building controls and energy services for residential, commercial, retail, transport and food service customers. Carrier is a part of Carrier Global Corporation, the leading global provider of healthy, safe,

sustainable and intelligent building and cold chain solutions. For more information, visit carrier.com or follow [@Carrier](https://twitter.com/Carrier) on Twitter.



The compact and versatile Carrier AquaEdge® 19MV centrifugal chiller targets whole-building energy efficiency, innovatively pushing beyond optimizing IPLV and providing exceptional sound, reliability and flexible operation to support chilled water plants of today and tomorrow.