



For Immediate Release

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Carrier AquaForce 30XV Variable-Speed Air-Cooled Screw Chiller Now Available with Evaporative Pre-Cooling

New feature can generate significant savings, increase overall HVAC efficiency and works with virtually any air-cooled HVAC unit

CHARLOTTE, N.C., May 4, 2021 — Carrier has announced the availability of evaporative pre-cooling technology on Carrier's AquaForce® 30XV product line. This technology harnesses the power of evaporation to lower ambient air temperatures entering Carrier's 30XV chiller – helping to reduce chiller power consumption, increase reliability and extend the life of the chiller. Carrier is a part of [Carrier Global Corporation](#) (NYSE: CARR), the leading global provider of healthy, safe and sustainable building and cold chain solutions.

Evaporative pre-cooling technology works by spraying a fine mist of water within patented, pre-cooling frames, which are attached to Carrier's 30XV chiller. As air is pulled across the pre-cooling frames and into the chiller, the outside air is cooled via evaporation. This technology operates using a sophisticated controller employing algorithms that spray the least amount of water needed to achieve optimal evaporation, thus delivering the highest energy savings with the lowest water usage. In addition, this technology can be added to virtually any existing air-cooled chiller to help enhance performance.

In addition, the system monitors and reports unit performance and energy savings in real time to its cloud-based network operation center. In short, evaporative technology can help make a 100-degree F day feel like an 80-degree F day, which can save building owners money on their utility bills and help improve the performance of the 30XV on hot summer days. Plus, the evaporative pre-cooling system helps protect coils from debris and damage, potentially extending the life of the equipment and reducing overall maintenance.

“It is important for Carrier to continue to add improved technologies to increase the value of our chillers in order to meet our customers’ needs,” said Meredith Emmerich, Vice President, North America Commercial HVAC, Carrier. “We’re proud to offer evaporative pre-cooling to our customers, and we know that they will appreciate the enhanced performance this feature will provide. Not only does this technology increase efficiency, it can also help reduce maintenance and extend the life of the equipment.”

The AquaForce 30XV line was developed to ensure optimum performance in an air-cooled solution that’s easy to install, easy to service, highly reliable and quiet. The 30XV delivers industry leading efficiency (IPLV Ratings greater than 22.0 available in certain models) and low sound. The smaller footprint 30XV can replace just about all older equipment going back two generations. The 30XV can be customized to fit most building needs, anywhere. With value-added features such as fully air-cooled variable frequency drives and next generation sub-systems including rotary screw compressors and quiet AeroAcoustic® fan system, integrated with microchannel condenser coils, the 30XV is made for versatility, robustness and efficiency. Its user-friendly control with

color touchscreen display is self-optimizing, enabling the 30XV to run at optimum performance at any given set of conditions.

To learn more about the Carrier AquaForce 30XV variable-speed air-cooled chiller and its innovative free-cooling offer, visit: www.carrier.com/30XV.

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

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