



For Immediate Release

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AquaEdge® 19DV Centrifugal Chiller is Now Available in North America

CHARLOTTE, N.C., March 26, 2018 — Today, [Carrier](#) announced the commercial availability of its AquaEdge® 19DV in North America. The centrifugal chiller features breakthrough technologies, Greenspeed® intelligence and a low global warming potential (GWP) refrigerant R1233zd(E), which has a GWP of ~1. The AquaEdge 19DV, with installations worldwide, delivers on customer demands for ultimate performance, leading efficiency and environmental responsibility. Carrier, a world leader in high-technology heating, air-conditioning and refrigeration solutions, is a part of UTC Climate, Controls & Security, a unit of United Technologies Corp. (NYSE: UTX).

Updated innovation in every aspect of chiller design including compression, heat exchange and controls technology enables Carrier to improve cooling efficiency substantially while allowing for effective heat recovery and free cooling all in the same machine.

“Carrier is excited to announce that our AquaEdge 19DV chiller is available in North America. The 19DV represents our unwavering commitment to satisfy our customers’ needs through innovative and efficient solutions that deliver optimal comfort

with an environmental focus. The 19DV is Carrier's newest model of intelligent HVAC design," said Greg Alcorn, vice president and general manager, Carrier Commercial Systems. "Its simplicity, flexibility and performance make it easy to own and operate."

High operational flexibility to respond to demanding situations

The AquaEdge 19DV has an efficiency that is more than 40 percent higher than ASHRAE® 2016 guidelines, has low sound and is capable of series counterflow configurations. Its features include:

- **EquiDrive™ two-stage back-to-back compressor load cancellation technology** for bearings last the life of the chiller.
- **Greenspeed® intelligence** Variable Frequency Drive (VFD) design to protect against dirty power and dirty environments.
- **MaxFlex capability** for operation in demanding conditions such as variable flow, heat recovery, free cooling, series plants, dual temperature systems, and more.
- **Refrigerant R-1233zd(E)**, an environmentally sustainable refrigerant with an ultra-low GWP of ~1 and an A1-rated safety classification per ASHRAE standard 34.
- **Variable orifice** for robust refrigerant metering and proper refrigerant levels during variable lift and load conditions.
- **SmartView™ intelligent controls** and integration with the Carrier lifecycle data management system for easy tracking and analyzation of operational data helps identify potential risks or areas for upgrading. The control system

can also be linked to the user's building automation system, enabling remote access to the chiller's running data in real time.

- **Intuitive touch screen user interface** that provides graphical trending and remote access capability and can be mounted on any corner of the machine.

A smart connected chiller with Carrier® SMART Service

The 19DV also features Carrier® SMART Service, and includes a number of connectivity solutions such as: remote diagnostics, long-term performance trending, benchmarking, decision analytics, and advanced notifications. By leveraging insights derived from these capabilities, Carrier SMART Service can help improve equipment reliability and reduce energy usage, maintenance expenses and resource consumption.

The AquaEdge 19DV is now available for immediate sale in 500 to 800 ton capacity. Additional capacity units are forthcoming. To learn more, contact your local Carrier expert or visit Carrier.com/19DV and follow [@Carrier](https://twitter.com/Carrier) on Twitter.

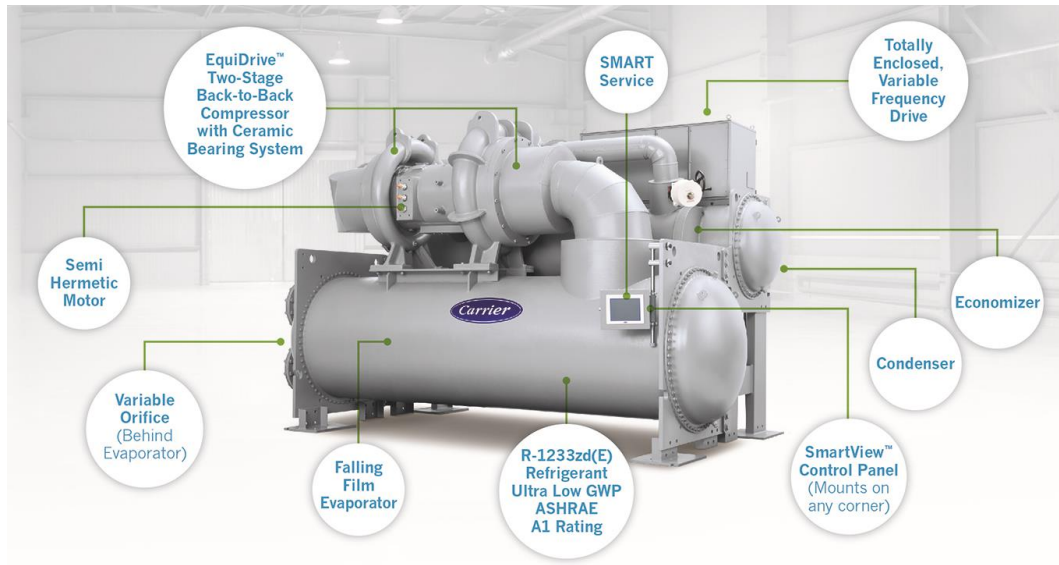
About Carrier

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 UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. For more information, visit www.carrier.com or follow [@Carrier](https://twitter.com/Carrier) on Twitter.

ASHRAE® is a registered service mark of the **American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.**

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Image:



Caption:

Carrier's AquaEdge® 19DV centrifugal chiller is now commercially available in North America. It has an efficiency that's more than 40 percent higher than ASHRAE 2016 guidelines, operates with low noise and is capable of series counterflow configurations.