



Turn to the experts

When You're the Leading Efficiency Screw Chiller,¹ Keeping Your Cool Is All in a Day's Work.

Variable-Speed
Screw Technology
Raises the Bar
on Chiller
Performance.⁴

75%³
SPEED
REDUCTION

EXCEEDS
ASHRAE 90.1
STANDARD BY UP TO
42%²

IPLV
AS LOW AS
0.299⁵

Heat waves? Bring 'em on. Storms? Piece of cake. Tower fan failure? No problem. The AquaEdge® screw chiller with Greenspeed® intelligence from Carrier is engineered to thrive in situations other chillers can't survive. With surge-free performance, variable-speed range twice that of other chillers³ and a unique compressor design that minimizes the need for scheduled maintenance. Oh, and it's remarkably quiet next to comparable centrifugal chillers.

Day in, day out, no chiller keeps its cool quite like the AquaEdge chiller.

When measured across a broad range of operating conditions, Variable Speed Screw technology, as used in the Carrier 23XRV chiller, was 11% more efficient than mag bearing technology.⁴



AquaEdge® 23XRV
Water-Cooled Chiller

For more information about the AquaEdge 23XRV and the GPG Study, visit carrier.com/proof.

¹ Among electric-driven, water-cooled screw chillers as measured at IPLV conditions reported by the DOE/FEMP Energy-Efficiency Study. ² Integrated Part Load Value conditions based on ASHRAE 90.1 2016 minimum requirement on select models. ³ Validated by performance testing. ⁴ Source: www.gsa.gov/gpg, GPG Program Summary, GPG-031, Aug. 2017, Variable-Speed Direct-Drive Screw Chiller. The GSA study referenced herein does not constitute a product endorsement, recommendation, or preference by the U.S. Government or any agency thereof, or the Pacific Northwest National Laboratory/Oak Ridge National Laboratory. ⁵ 0.299 kW/ton on select models.