

YORK® YSAA AIR-COOLED SCREW CHILLER

Delivering efficient performance in demanding conditions

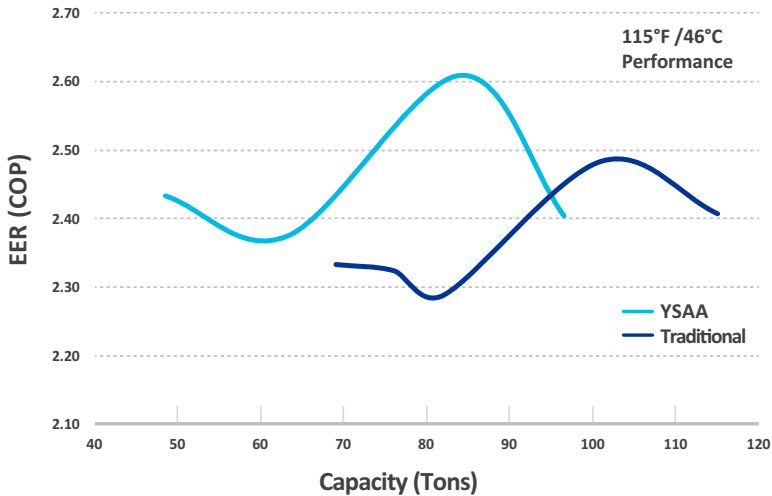
YORK® YSAA Air-Cooled Screw Chillers are designed to perform in the most demanding high-ambient conditions, while keeping operating costs under control with market-leading full-load efficiency as high as 11.5 EER.

Maximum uptime and partial redundancy are achieved by employing reliable fixed-speed compressors and a two-circuit design.

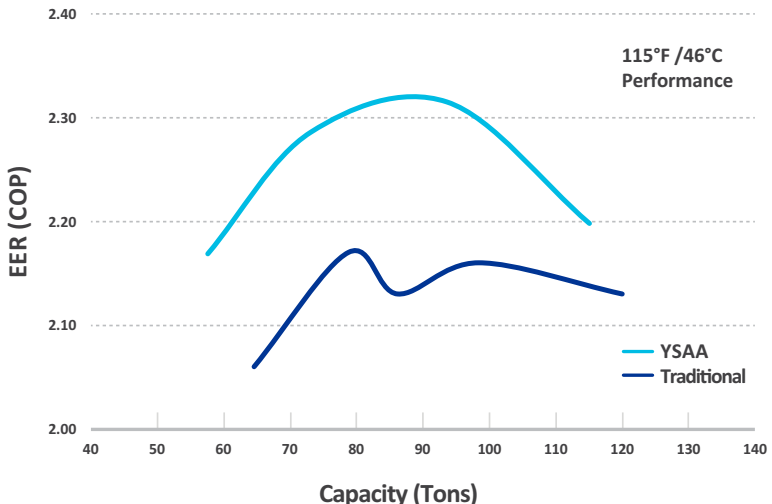
More capacity at higher ambient conditions is realized by the combination of medium pressure R-134a refrigerant and the screw compressor's linear unloading. Together, these features maximize performance as ambient air temperature increases by unloading capacity in percentage increments rather than in large capacity steps.

Performance is assured by AHRI certification, a world-recognized independent certification standard verified by regular audit testing in a certified laboratory. Dependable performance ensures comfortable buildings without problems.

50 Hz Middle East Competition (Capacity vs. EER)



60 Hz Middle East Competition (Capacity vs. EER)



Minimizing Total Cost of Ownership

Self-contained design for outdoor installation

To expedite projects, YSAA chillers arrive ready to work, fully charged and run-tested at the factory. Standard high-quality thermal dispersion flow switch and oversized, low-pressure-drop strainer on the return line protect the evaporator at startup and throughout the service life of the chiller.

Designed to perform

Realizing rated performance on day one is easy, but providing that performance day after day over the life of the chiller requires thoughtful design. The YSAA chiller is engineered for low maintenance by incorporating a high-quality stainless steel evaporator and a microchannel condenser to maximize performance and provide corrosion resistance.

Compact footprint fits retrofits and new construction

The YSAA chiller lets you maximize your building space, because it is designed to maximize cooling capacity within the smallest footprint. That's why in retrofit applications, the YSAA chiller makes it easy to add capacity within the footprint of the old chiller.

Lightweight and vibration-free operation

Lighter weight saves rigging and installation costs. The weight reduction also reduces vibration so occupants can work comfortably and quietly.

Simple control

Provided as standard, BACnet™, Modbus® and Metasys® N2 communications are integrated onboard the chiller to enable quick and easy BAS connections with no additional hardware required.

Reliability from start to finish

More than 20 years of expertise in air-cooled screw chillers ensure superior efficiency and reliability in the YSAA design. Leadership in compressor technology, along with in-house design expertise and state-of-the-art manufacturing processes, ensure a design that performs without compromises.

Why install anything but YORK®?

You want performance. You expect efficiency.

When your reputation is at stake, it's smart to demand nothing less than YORK® technology and service. That's because we provide local service and parts to keep your equipment operating at peak performance year after year. Enjoy the peace of mind knowing that trained service experts and Original Equipment Manufacturer parts are available from Johnson Controls – the largest HVAC service and preventative maintenance organization in the world.



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