❄ **YORK®**

The Highest Water Temperatures of Any Screw Heat Pump

YORK® YVWH-200 Water-to-Water Variable Speed Dual Screw Heat Pump

The YORK® YVWH Water-to-Water Variable Speed Dual Screw Heat Pump is three times more energy efficient than a typical boiler and four times more efficient than traditional boiler and chiller equipment when providing heating, cooling and hot water for light commercial buildings and industrial processes. It's also the first screw heat pump in North America to use ultra-low GWP R-1234ze refrigerant, making it compliant with both current and upcoming refrigerant regulations. It's this combination of best-in-class performance and sustainability that makes the YORK® YVWH the premier, high-efficiency heating electrification solution.

Performance and Specifications

The YORK® YVWH supports simultaneous heating and cooling functions and can be operated in three modes: heating only, cooling only or simultaneous heating and cooling. It's the first screw heat pump that can provide water temperatures up to 176 °F and has excellent turndown that allows it to run with as low as 25% load.

- Simultaneous cooling and heating mode capacities @ 41 °F (5 °C) / 176 °F (80 °C)
  - 200 tons (703 kW) CW cooling
  - 4,400 MBH (1,289 kW) HW heating
- Combined COP: 4.1 - simultaneous mode @ 41 °F (5 °C) / 176 °F (80 °C)
- Turndown: 25% of design capacity (VSD and compressor VI control technologies)
- Refrigerants: R-1234ze or R-515B
- Certifications: ASME, UL/ETL
- Ideal for comfort cooling in light commercial buildings, small hospitals and industrial processes such as process cooling, brine cooling, data centers and dry cooling

YVWH-200 Fast Facts

- Delivers up to 176 °F (80 °C) water temps – the highest of any screw heat pump on the market.
- 3x more efficient than a boiler.
- 4x more efficient than traditional boiler and chiller equipment.
- Can run with as little as 25% load.
- Modular design allows multiple unit pairing to expand capacity.
- 3-mode operation: heating only, cooling only or simultaneous.

For more information, visit **YORK.COM**

Johnson Controls