



# YGWH

## YORK Premium-Efficiency Water-Cooled Screw Chiller

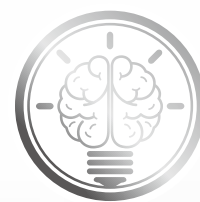




## EXPERIENCE

HUNDRED YEAR LEGACY  
OF INNOVATION

- 1982 - Pioneered variable vi in twin screw compressor
- 1995 - Launched highly-efficient refrigerant-cooled DC reactance inverter
- 2004 - Pioneered the application of variable speed drives in air-cooled chillers
- 2011 - First to Launch the variable speed water-cooled screw chiller
- 2017 - Launched the premium-efficiency and environmentally-friendly screw chiller



## INNOVATION

TECHNOLOGY  
ADVANCEMENT

- Advanced CFD simulation and state-of-the-art precision machining ensure the chiller's heart - the "compressor" operate efficiently
- Innovative design in the rotor profile enhances reliable operation
- Patented technology in compressor dampening structure design for quieter operation
- Patented technology in hybrid falling-film evaporator design delivers higher chiller efficiency
- Intelligent chiller control panel simplifies operation and interaction



## EXCEEDING

SETTING THE BENCHMARK  
FOR THE INDUSTRY

- Chiller efficiency of COP 6.68 surpasses all China GB and AHRI standards
- Optimized motor and flow structure design ensure high compressor efficiency
- Optimized compressor Vi design further enhances partload efficiency
- Built-in condenser oil separator increases the oil separation effectiveness
- Counterflow subcooler design provides the most optimized subcooling



## SUSTAINABILITY

ONE EARTH ONE FUTURE

- R134a refrigerant protects the ozone layer and has no phase out date
- Lower refrigerant charge and lower power consumption
- Premium chiller efficiency brings green building effectiveness to a remarkable level



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Final chiller performance data pls refer to latest AEC works version.



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PUBL-8536(0917)