

YGWE Water-Cooled Screw Chiller

About Johnson Controls' Building Technologies and Solutions

Johnson Controls' Building Technologies & Solutions is making the world safer, smarter and more sustainable – one building at a time. Our technology portfolio integrates every aspect of a building – whether security systems, energy management, fire suppression or HVACR – to ensure that we exceed customer expectations at all times. We operate in more than 150 countries through our unmatched network of branches and distribution channels, helping building owners, operators, engineers and contractors enhance the full lifecycle of any facility. Our arsenal of brands includes some of the most trusted names in the industry, such as Tyco®, YORK®, Metasys®, Ruskin®, Frick®, PENN®, Sabroe®, Simplex® and Grinnell®.

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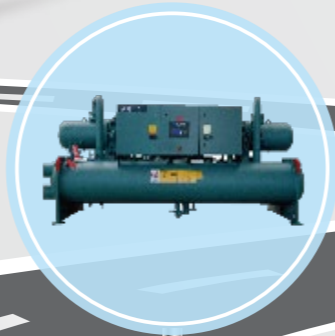
2003
YEWS-C
 R22
 DXS Compressor



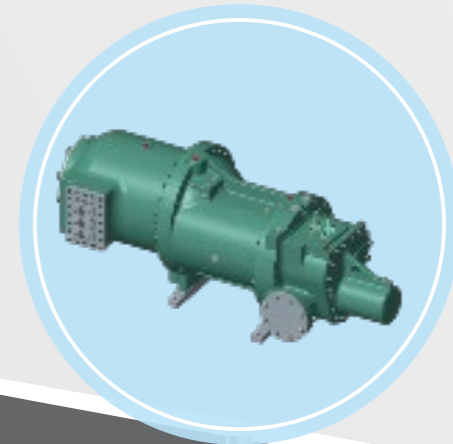
2006
YEWS-D
 R134a
 YFS Compressor



2010
YEWS-E
 Hybrid Falling
 Film Evaporator



2014
YEWS-E Tandem
 Tandem Design
 260-415Ton



2018
YGWE
 NEW GT
 Compressor

YORK® High Efficiency Series
 –Evergreen in screw market



INNOVATION

YEWS 15 years of innovation

- 2003 - YEWS debut
- 2006 - Apply R134a and new YFS compressor
- 2010 - Introduce highly efficient hybrid falling film evaporator
- 2014 - Tandem design to enlarge the capacity range
- 2018 - Brand NEW YGWE with NEW GT compressor



EFFICIENCY

- Certified efficiency exceeds China level 2 and meets green building requirement
- Optimized motor and flow structure ensure high compressor efficiency
- Patented hybrid falling film evaporator delivers higher heat-exchange efficiency
- Advanced oil system design enables chiller operate stably and efficiently



RELIABILITY

- Innovative design of rotor profile enhances reliable operation
- Wide operation fulfills various conditions and application needs
- Patented compressor dampening structure lowers the vibration and sound
- Rigorous qualification makes field operation more reliable



SUSTAINABILITY

- Low R134a refrigerant charge protects the ozone layer
- Low power consumption achieves low carbon emission and contributes to green buildings