

## Water-Cooled Units

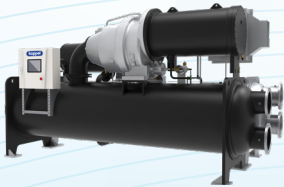


### Water-Cooled Screw Chiller

AHRI Certified  
Capacity Range: 95TR-500TR  
Best kW/TR: 0.5348  
Highest COP: 6.82  
Highest IPLV: 11.57

#### FEATURES

- Advanced twin-rotor screw compressor
- High efficiency shell & tube heat exchanger
- Built-in oil separator to ensure unit operations reliability
- Intelligent control - user-friendly operating interface



### Water-Cooled Centrifugal Chiller High Efficiency & Super High Efficiency Model Series

AHRI Certified  
Capacity Range: 500TR-3,000TR  
Best kW/TR: 0.5619  
Highest COP: 6.259  
Highest IPLV: 11.57

#### FEATURES

- Newly designed three-dimensional flow impeller ensures the flow velocity and maximizes efficiency
- Compressor with an airfoil shaped pre-swirling guide vane extending operation range and increasing part load efficiency
- Two-stage compression technology
- Full Falling-film technology significantly boost heat exchanging efficiency
- Reverse flow sub-cooling chamber increases the sub-cooling level and improves heat exchange performance
- Prospective control logic for trend prediction, self-diagnosis, self-adjustment and safety protection
- Free Cooling technology



### Water-Cooled Magnetic Centrifugal Chiller

AHRI Certified  
Capacity Range: 170TR-1,800TR  
Highest COP: 6.78  
Highest IPLV: 11.8

#### FEATURES

- High speed permanent magnet motor, highest motor efficiency up to 97%
- Heat transfer optimization through oil-free design
- Two-stage compression, high efficiency direct-drive technology
- Digital control magnetic compressor uses integral variable frequency drive
- VFD + IGV regulation, lower in-rush current
- Full Falling film and advanced throttling technology uses fixed orifice + EXV
- Intelligent control touch screen to achieve reliable start, high efficiency operation and self-control chiller



### Water-Cooled Inverter Direct Drive Centrifugal Chiller

AHRI Certified  
Capacity Range: 250TR-1,300TR  
Best kW/TR: 0.5348  
Highest COP: 6.575  
Highest IPLV: 10.57

#### FEATURES

- Two-stage compression horizontally back-to-back compression technology
- Balance the thrust forces for longer life span, less seal leakage and no gear loss
- Motor cooling technology, motor cooled by refrigerant
- Anti-surge technology, adjust motor speed in different operation condition
- Full Falling film evaporating technology, increase over all heat transfer and reduce refrigerant charge
- Intelligent color touch screen for perfect operation and control system