



**kig**

Keith Industrial Group , Inc.

## Chillers:

### a) York YLAA Scroll Chillers

- Capacity: 40 to 230 ton.
- Refrigerant: R454B.
- Dual refrigerant circuits.
- Multiple Scroll Compressors.
- Hot gas bypass.
- Voltage Options: 208V / 3-Phase and 460V / 3-Phase.
- Compressor: Scroll, Screw, VSD & PC.
- VSD: Variable Speed Drive on ALL condenser fans.
- Outdoor rated, Low & High Ambient option



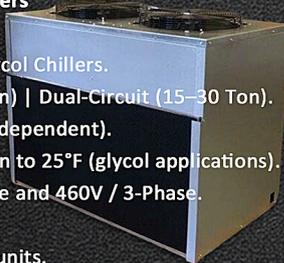
### b) York YVAA Dual Variable Screw Chillers

- Capacity: 150 to 350 ton.
- Refrigerant: R513A.
- Voltage Options: 460V / 3-Phase.
- Compressor: Dual variable VFD screw chiller.
- Evaporator: Shell & Tube
- Application: Large commercial and industrial cooling requirements.



### c) K-Series Outdoor Rated Glycol Chillers

- Capacity: 5 – 30 Ton.
- Type: Outdoor-Rated Air-Cooled Glycol Chillers.
- Compressor: Single-Circuit (5–10 Ton) | Dual-Circuit (15–30 Ton).
- Refrigerant: R410A / R454B (model dependent).
- Fluid Temperature Range: 70°F down to 25°F (glycol applications).
- Voltage Options: 208/230V / 3-Phase and 460V / 3-Phase.
- Controller:
  - Single-stage control on 5 & 10 ton units.
  - Dual-stage controller with independent circuit control on 15–30 ton units.
- Construction: Outdoor-rated for low and high ambient conditions.
- Applications: Industrial process cooling, breweries, wineries & comfort cooling.



### d) S-Series Indoor Rated Chillers

- Capacity: 3 to 15 ton.
- Refrigerant: R407C.
- Voltage Options: 220V / 3-Phase and 480V / 3-Phase.
- Compressor: High-Efficiency Scroll Compressor.
- Application: Ideal for indoor installations with limited outdoor space.
- Design: Compact footprint for easy placement and service access.
- Performance: Reliable operation with consistent cooling performance.



### e) T-Series Indoor Rated Chillers

- Capacity: 5 – 15 ton.
- Refrigerant: R410A / R454B / R513A.
- Type: Indoor-Rated Air-Cooled Industrial Chiller.
- Compressor: High-Efficiency Scroll Compressor.
- Voltage Options: 220V / 3-Phase and 480V / 3-Phase.
- 20°F Capable: Reliable operation down to ~20°F leaving-water temperature.
- Application: Designed for industrial and process cooling requirements.
- Performance: Stable temperature control with reliable continuous operation.



## PRODUCT OFFERINGS

### Centrifugal Water/Glycol Pumps :

#### f) Centrifugal Water / Glycol Pumps :

- Model Range: 2 – 50 HP.
- Type: Centrifugal Water/Glycol Circulation Pump.
- Application: Glycol / chilled-water systems in HVAC and industrial cooling.
- Construction: Heavy-duty cast iron pump with industrial sealing.
- Performance: Efficient hydraulic design for reliable continuous operation.



### Plate Frame & Braze Plate Heat Exchanger

#### g) Plate Frame & Braze Plate Heat Exchanger

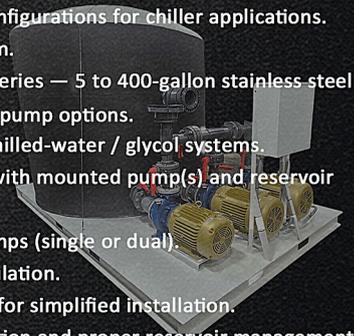
- Model Range: Multiple sizes and configurations.
- Types: Plate Frame (Gasketed) and Braze Plate.
- Application: Heat transfer for HVAC and industrial cooling systems.
- Construction: Stainless steel plates with brazed or gasketed design.
- Performance: High heat transfer efficiency with low pressure drop.
- Usage: Chillers, cooling towers, process systems, water and glycol loops.



### Pump Tank Deck Systems for Process Chillers

#### h) Pump Tank Deck Systems for Process Chillers

- Model Range: Multiple pump tank deck configurations for chiller applications.
- Type: Integrated Pump & Tank Deck System.
- Product Range: KIG Premium & Economy Series — 5 to 400-gallon stainless steel chiller pump tank systems with 5 & 10 HP pump options.
- Application: Designed for process chiller chilled-water / glycol systems.
- Construction: Heavy-duty structural base with mounted pump(s) and reservoir tank.
- Pump Options: End-suction centrifugal pumps (single or dual).
- Fluid Handling: Water and glycol loop circulation.
- Design: Pre-assembled and factory-tested for simplified installation.
- Performance: Provides reliable fluid circulation and proper reservoir management.



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