Raise your expectations.
Quantech™ chillers deliver efficiency and dependability in days, not weeks.
Quantech – a quantum leap forward.

For more information visit us at: quantech-hvac.com

fast efficient dependable

PUBL 7545

Air-Cooled Chillers

fast efficient dependable

QUANTECH. The quickest way to cool.

Quantech™ air-cooled chillers offer a fast, efficient and dependable solution with a low lifecycle cost – delivered in days, not weeks or months.

Fast

- Delivery in two to five business days
- Faster installation and commissioning with native communications protocols

Efficient

- Meets or exceeds ASHRAE 90.1-2013
- 18 to 50% annual energy cost savings
- Low refrigerant charge helps earn Refrigerant Management LEED credit
- Lower lifecycle costs

Dependable

- Smaller, lighter, quieter and low-maintenance
- A track record of exceptional reliability, the result of over 140 years of engineering excellence

QTC2

15-50 TR
QTC2 AIR-COOLED SCROLL CHILLER

The QTC2 provides chilled water for all air conditioning applications using central station air handling or terminal units, and it meets or exceeds ASHRAE 90.1-2013 efficiency standards.

- Delivered from inventory in two to five business days
- R-410A refrigerant and low charge to help earn a point for LEED E&A Credit 4
- Factory-designed and installed pump package including pump, strainer, flow switch, circuit balancing valve, expansion tank
- Factory-installed BACnet MS/TP interface to reduce commissioning time and complexity
- Reliable operation in a variable primary flow system
- Lighter and smaller to minimize installed cost and maximize usable space

Key technology elements

- Tube and fin condensers, brazed plate evaporators, scroll compressors
- Louvered enclosures for added protection
- Completely self-contained and designed for outdoor installation
- Includes hermetic scroll compressors, a liquid cooler, air-cooled condenser, a charge of R-410A refrigerant, and a weather-resistant microprocessor control center, all mounted on a rugged, formed-steel base

QTC3

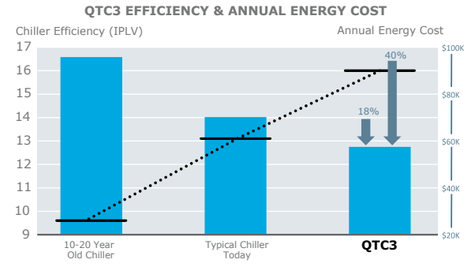
55-175 TR
QTC3 AIR-COOLED SCROLL CHILLER

The QTC3 offers full load and part load efficiencies that meet or exceed ASHRAE 90.1-2013 and operates at ambient temperatures up to 125°F and down to 0°F.

- Delivered from inventory in two to five business days
- 18-40% annual energy cost savings
- Sturdy, corrosion-resistant condenser coils that are easily washable
- Simple replacement of condenser coil if damaged
- Compact, factory-packaged chilled water pumps
- Green refrigerant and low charge to help earn a point for LEED E&A Credit 4
- Native communication protocols to reduce installation cost and commissioning time

Key technology elements

- Scroll compressors – reliable, proven design and two independent circuits for partial redundancy
- Heat exchangers – high efficiency brazed plate evaporators, advanced microchannel condensers
- Low-sound fan
- Completely self-contained and designed for outdoor installation
- Includes zero-ozone-depletion refrigerant (R-410A), hermetic scroll compressors, a liquid evaporator, air-cooled condenser and a weather-resistant microprocessor control center, all mounted on a formed steel base



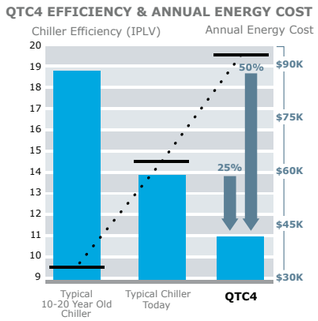
Note: 5000 operating hours, Energy rate 0.0102/kWh, 150 tons Based on average efficiencies.

QTC4

160-210 TR
QTC4 AIR-COOLED VARIABLE SPEED DRIVE SCREW CHILLER

The QTC4's combination of state-of-the-art technologies in compressors, heat exchangers (evaporator and condenser), condenser fans and chiller controls enable it to deliver market leading part load efficiency (IPLV or NPLV) while meeting or exceeding ASHRAE 90.1-2013 full load efficiency standards.

- In-stock chillers delivered in two to five business days; built-to-order chillers delivered in 8-10 weeks
- Variable speed drive screw compressors
  - Dramatically reduce sound levels at off-design conditions (up to 16 dBA)
  - Reduce energy consumption
- 25-50% annual energy cost savings
- Hybrid falling film type evaporator for optimal efficiency and refrigerant charge
- Micro-channel type condenser for maximum heat transfer and minimum refrigerant charge
- Optional condenser fans with variable speed drives for even higher chiller part load efficiency
- Variable primary flow (VPF) system to reduce the chilled liquid flow to match the building demand



The QTC4 chiller exceeds typical chiller IPLV in the market today by up to 25% on a new construction project or up to 50% when replacing an older chiller.

Note: 5000 operating hours, Energy rate 0.0102/kWh, 250 tons Based on average efficiencies.

Cooler. Quicker. Quantech.