

# QTC4

150-360 Tons  
Air-Cooled Screw Chillers



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; made-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
- Up to 42% 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
- Condenser fans with optional 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

**Refrigerant:** HFC-134A

**Stock Features:** Variable speed drive screw compressor, hybrid falling-film evaporator, microchannel condenser, ambient operation from 0°F to 131°F, capacity turndown to 10% load, single point non-fused disconnect, with 50kA SCCR, control transformer, actuated suction service isolation valves, water box heaters (freeze protection to -20°F), low sound fans with VSD control, wire / louver panels, neoprene isolators, flow switch.

**Stock Voltages:** 460/3/60

**Additional Features Available with Made-to-Order:** Circuit Breaker with 65kA SCCR, 1" or 2" spring isolators, BACnet®, Modbus, N2, LON, epoxy coated condenser coils, various wire / louver combinations, ultra-quiet fans with optional VSD control, double-thick insulation, sound reduction packages, Buy American Act compliance, Chicago code relief valves, Quick Start.

**Additional Voltages:** 208/3/60, 230/3/60, 380/3/60, 575/3/60



## QUANTECH™ AIR-COOLED SCREW CHILLERS

PRODUCT	MODEL	TONS
QTC4	QTC4150S	162
QTC4	QTC4165H	164
QTC4	QTC4175C	207
<b>QTC4</b>	<b>QTC4185S</b>	<b>186</b>
QTC4	QTC4185H	187
<b>QTC4</b>	<b>QTC4210S</b>	<b>210</b>
QTC4	QTC4210H	219
<b>QTC4</b>	<b>QTC4230S</b>	<b>233</b>
QTC4	QTC4240H	243
QTC4	QTC4260S	257
QTC4	QTC4270C	268
<b>QTC4</b>	<b>QTC4270S</b>	<b>272</b>
QTC4	QTC4270H	277
QTC4	QTC4290H	309
QTC4	QTC4300S	296
QTC4	QTC4300H	298
QTC4	QTC4320S	341
QTC4	QTC4330S	330
QTC4	QTC4340S	344
QTC4	QTC4340H	347
QTC4	QTC4370S	360

**Bold indicates stocked chillers in 460V.**



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