

# QTC2

15-50 Tons  
Air-Cooled Scroll Chillers

# QTC3

40-230 Tons  
Air-Cooled Scroll Chillers



## QTC2

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.

**Refrigerant:** HFC-410A

**Stock Features:** Brazed plate heat exchanger, BAS communications (BACnet®, Modbus, N2), service isolation valves, high ambient kit to 125°F, low ambient (operation down to 0°F), hot-gas bypass, single point non-fused disconnect, control transformer, flow switch, pre-coated condenser coils, full louver panels, neoprene isolators, freeze protection (down to -20°F).

**Stock Voltages:** 208/3/60 and 460/3/60

**Additional Features Available with Made-to-Order:** Circuit Breaker, Circuit Breaker with 65kA SCCR, 1" or 2" spring isolators, LON, remote evaporator, epoxy coated condenser coils, wire panels, ultra-quiet fans, single / dual fixed-speed hydronic pump kit, power factor correction capacitors, double-thick insulation, acoustic sound blankets for compressors, Buy American Act compliance, Chicago code relief valves.

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

## QTC3

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.

**Refrigerant:** HFC-410A

**Stock Features:** Brazed plate heat exchanger, microchannel condenser, BAS communications (BACnet®, Modbus, N2), service isolation valves, high ambient kit to 125°F, low ambient (operation down to 0°F), hot-gas bypass, single point non-fused disconnect, control transformer, flow switch, wire / louver panels, neoprene isolators, freeze protection (down to -20°F). Some models come with options of epoxy coated condenser coils, circuit breaker with 65kA SCCR, or VSD condenser fans.

**Stock Voltages:** 208/3/60, 460/3/60

**Additional Features Available with Made-to-Order:** Circuit Breaker, Circuit Breaker with 65kA SCCR, 1" or 2" spring isolators, LON, remote evaporator, epoxy coated condenser coils, various wire / louver combinations, ultra-quiet fans, VSD fans, high airflow fans, single / dual VSD hydronic pump kit, power factor correction capacitors, double-thick insulation, acoustic sound blankets for compressors, Buy American Act compliance, Chicago code relief valves and additional heat recovery.

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

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## QUANTECH™ AIR-COOLED CHILLERS

PRODUCT	MODEL	TONS	208V	460V	FULL LOAD (EER)	IPLV
QTC2	QTC2015	15.5	QTC2015TEE17	QTC2015TEE46	10.1	14.7
<b>QTC2</b>	<b>QTC2020</b>	<b>18.7</b>	<b>QTC2020TEE17</b>	<b>QTC2020TEE46</b>	<b>10.1</b>	<b>15.5</b>
<b>QTC2</b>	<b>QTC2025</b>	<b>25.6</b>	<b>QTC2025TEE17</b>	<b>QTC2025TEE46</b>	<b>10.1</b>	<b>13.7</b>
<b>QTC2</b>	<b>QTC2030</b>	<b>28.6</b>	<b>QTC2030TEE17</b>	<b>QTC2030TEE46</b>	<b>10.5</b>	<b>14.5</b>
<b>QTC2</b>	<b>QTC2035</b>	<b>37.2</b>	<b>QTC2035TEE17</b>	<b>QTC2035TEE46</b>	<b>10.1</b>	<b>14.5</b>
QTC2	QTC2040	39.4	QTC2040TEE17	QTC2040TEE46	10.2	14.7
<b>QTC2</b>	<b>QTC2045</b>	<b>46.2</b>	<b>QTC2045TEE17</b>	<b>QTC2045TEE46</b>	<b>10.2</b>	<b>15.1</b>
<b>QTC3</b>	<b>QTC3040</b> coming soon	<b>39.5</b>	<b>QTC3040THE17</b>	<b>QTC3040THE46</b>	<b>11.6</b>	<b>17.8</b>
<b>QTC3</b>	<b>QTC3050</b>	<b>48.9</b>	<b>QTC3050THE17</b>	<b>QTC3050THE46</b>	<b>10.6</b>	<b>16.9</b>
<b>QTC3</b>	<b>QTC3055</b>	<b>56.9</b>	<b>QTC3055THE17</b>	<b>QTC3055THE46</b>	<b>10.6</b>	<b>16.8</b>
<b>QTC3</b>	<b>QTC3060</b>	<b>62.2</b>	<b>QTC3060THE17</b>	<b>QTC3060THE46</b>	<b>10.4</b>	<b>16.9</b>
<b>QTC3</b>	<b>QTC3070</b>	<b>71.0</b>	<b>QTC3070TSE17</b>	<b>QTC3070TSE46</b>	<b>10.4</b>	<b>17.2</b>
<b>QTC3</b>	<b>QTC3075</b>	<b>77.7</b>	<b>QTC3075TSE17</b>	<b>QTC3075TSE46</b>	<b>10.0</b>	<b>16.5</b>
QTC3	QTC3080	77.9	QTC3079THE17	QTC3079THE46	10.3	17.1
<b>QTC3</b>	<b>QTC3085</b>	<b>81.7</b>	<b>QTC3085TSE17</b>	<b>QTC3085TSE46</b>	<b>9.8</b>	<b>16.8</b>
QTC3	QTC3090	85.5	QTC3090THE17	QTC3090THE46	11.0	17.5
<b>QTC3</b>	<b>QTC3095</b>	<b>96.4</b>	<b>QTC3095TSE17</b>	<b>QTC3095TSE46</b>	<b>9.7</b>	<b>16.1</b>
QTC3	QTC3100	99.1	QTC3100THE17	QTC3100THE46	10.1	16.8
<b>QTC3</b>	<b>QTC3110</b>	<b>119.9</b>	<b>QTC3110TSE17</b>	<b>QTC3110TSE46</b>	<b>9.8</b>	<b>16.3</b>
QTC3	QTC3120	117.8	QTC3120THE17	QTC3120THE46	10.3	16.7
<b>QTC3</b>	<b>QTC3125</b>	<b>125.2</b>	<b>QTC3125TSE17</b>	<b>QTC3125TSE46</b>	<b>9.7</b>	<b>16.9</b>
QTC3	QTC3129	126.1	QTC3129THE17	QTC3129THE46	10.1	17.3
<b>QTC3</b>	<b>QTC3140</b>	<b>145.2</b>	<b>QTC3140TSE17</b>	<b>QTC3140TSE46</b>	<b>9.7</b>	<b>16.9</b>
QTC3	QTC3150	144.0	QTC3150THE17	QTC3150THE46	10.2	16.9
<b>QTC3</b>	<b>QTC3160</b>	<b>169.6</b>	<b>QTC3160TSE17</b>	<b>QTC3160TSE46</b>	<b>9.7</b>	<b>16.7</b>
QTC3	QTC3170	175.1	QTC3170THE17	QTC3170THE46	9.8	16.9
<b>QTC3</b>	<b>QTC3205*</b>	<b>194.5</b>	<b>QTC3205THE17</b>	<b>QTC3205THE46</b>	<b>10.1</b>	<b>16.62</b>
<b>QTC3</b>	<b>QTC3225*</b>	<b>220.6</b>	<b>QTC3225THE17</b>	<b>QTC3225THE46</b>	<b>10.2</b>	<b>15.6</b>

**Bold indicates stocked chiller.** \*Does not include VSD fans. The IPLV for the remaining QTC3 units includes VSD fans.

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