



Hot water. Perfected.

TC Commercial Series

The water heater, evolved.

Introducing trutankless – the most innovative tankless water heating technology. For years, we’ve worked closely with industry professionals to gather insights into tankless heating systems. The result? Cutting-edge technology that takes the tankless industry to a new level of sophistication. Energy conservation, long-term savings and endless hot water are what your customers want and that’s exactly what our forward-thinking system delivers.



Notable Features

- : .99 Energy Factor Rating
- : Self-flushing design eliminates most maintenance requirements
- : Ceramic insulation over robust copper heat exchanger
- : Custom Incoloy 800 elements from Zoppas Industries – superior hard water performance and longevity
- : Threaded elements for ease of service or replacement
- : Safety redundancy – temperature and pressure relief, solid-state relays and software monitoring
- : Freeze protection
- : Each unit is pressure tested at the factory
- : Load balancing – multiple units will communicate to manage power consumption across system
- : Load shedding – reduce peak power consumption by managing other high demand appliances
- : Smart grid capable – compatible with existing grid management infrastructure
- : Leak detection shuts down heating elements
- : Can bank multiple units for larger applications

Optional Equipment

- : Leak Detection with Automatic Water Cutoff Valve
- : Cold Climate Comfort Package
- : Recirculation Pump
- : Showerstart™ Water Saver

Warranty

- : Lifetime Limited Warranty on Heat Exchanger
- : 3-Year Parts Warranty

State of the Art Features

- : Plug & Play Set-up: Unit detects and supports 208 VAC for commercial applications
- : Wi-Fi compatible
- : Enterprise API of all data available
- : Remote firmware updates
- : Installer App (Available for iOS and Android phones and tablets)
 - Automates service call notifications
 - Order parts notifications
 - Warranty reminders
 - Remote diagnostics
 - Usage log and fault history
- : User App (Available for iOS and Android phones and tablets)
 - Remote temperature setting
 - Ability to track all real-time performance for all units in a single screen.
 - Leak detection with notification
 - Error notifications
 - Manage user parameters



trutankless : Specifications



Electrical Data

Voltage	208 VAC
Phase	Single, 60 Hz
Wattage	12.5 - 33.3 kW
Max. Amp, Load	40A x 4=160A
Min. Circuit Breaker Size	(See Table)
Required Wire Size	(See Table)

Inlet Water Data

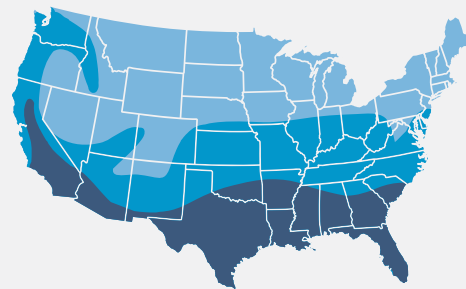
Max. Inlet Temperature °F (°C)	131 (55)
Water Flow to Activate Unit = GPM (=LPM)	0.2 (.76)
Max. Working Pressure PSI (bar)	80 (5.5)
Tested to Pressure PSI (bar)	150 (10.34)

Specifications

Model	Height	Width	Depth	Weight	Amperage	Voltage Range	kW	Main Panel Size	Breakers (two pole)	Copper Wire [optional]	Plumbing Fittings
TC33	17.2"	23.74"	5.5"	35.9 lbs	160	208	33.3	> 200 Amp	(2) 80A	(4) #4 AWG	Threaded 3/4" NPT
TC25	17.2"	23.74"	5.5"	35.9 lbs	120	208	25.0	200 Amp	(1) 125A [(2) 60A]	(2) #2 AWG [(4) #6 AWG]	Threaded 3/4" NPT
TC21	17.2"	23.74"	5.5"	35.9 lbs	100	208	20.8	200 Amp	(1) 100 A [(2) 50A]	(2) #2 AWG [(4) #6 AWG]	Threaded 3/4" NPT
TC17	17.2"	23.74"	5.5"	35.9 lbs	80	208	16.6	150A	(1) 80A [(2) 40A]	(2) #4 AWG [(4) #8 AWG]	Threaded 3/4" NPT
TC13	17.2"	23.74"	5.5"	35.9 lbs	60	208	12.5	125A	(1) 60A [(2) 30A]	(2) #6 AWG [(4) #8 AWG]	Threaded 3/4" NPT

Sizing Chart (F° / GPM)

Model	75° Rise	65° Rise	55° Rise	45° Rise	35° Rise
TC33	2.8	3.2	3.9	4.6	6.2
TC25	2.1	2.5	2.9	3.5	4.6
TC21	1.7	2.0	2.4	2.8	3.7
TC17	1.3	1.5	1.8	2.2	2.9
TC13	1.1	1.3	1.5	1.8	2.4



Northern Zone
Avg. Ground Water
Temp: 37°F to 51°F



Central Zone
Avg. Ground Water
Temp: 52°F to 61°F



Southern Zone
Avg. Ground Water
Temp: 62°F to 77°F

Certifications



Membership and Associations



Call 855-TO-BUY-TRU to learn about the company's complete residential and commercial lineup.

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