

# The Return Of The King

Introducing **GEN3**



## We're back from the lab with a trutankless for everyone.

We are thrilled to be returning the premier residential electric tankless brand to market with the launch of the Trutankless Gen3. A unit designed for reliability, durability and affordability.

Professional grade, constructed with quality materials and engineering expertise that's been the hallmark of the Trutankless brand.

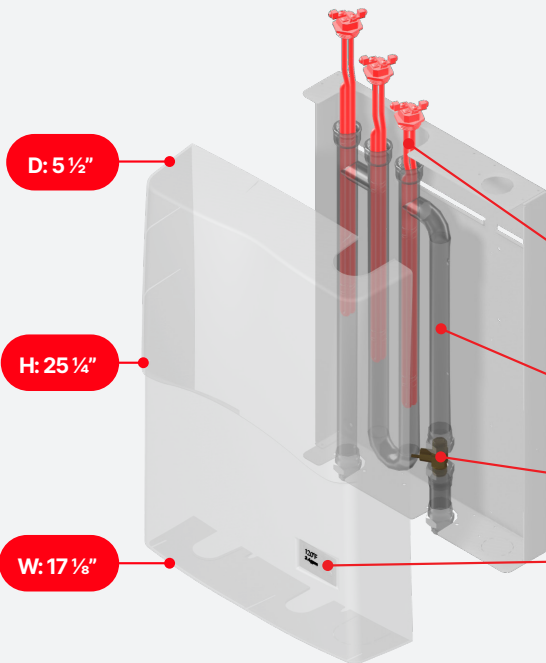
With increased performance, including faster time to temperature, the Gen3 ensures that you have the hot water you need, precisely when you need it. And the best part? It's more affordable than ever before, making Trutankless accessible to a wider audience.

## Notable Features

- .99 Energy Factor Rating
- Performance, Comfort and Economy Modes
- Custom Incoloy 9000 elements boast superior hard water performance and longevity
- Serviceable elements for ease of service or replacement
- Safety redundancy – temperature and pressure relief, solid-state relays and software monitoring
- Leak detection shuts down heating elements
- Compatible with Recirculation Pumps > .25GPM
- Built right here in the good 'ole USA

## Warranty

- Lifetime Limited Warranty on Heat Exchanger
- 2-Year Parts Warranty



## Features

Our robust, proven engine technology is improved from previous models with a "zero to set temperature" time of **8 seconds!**

- Proprietary Professional Grade Elements / Low watt density per square inch
- Stainless Steel Manifold
- Best-in-class Flow Meter + Control Loop Firmware
- Performance Power Management System
  - Proven, efficient source code / firmware
  - Flexibility of multiple power configurations

## Technical Specifications

Weight:	28 lbs.
Element kW :	29
Number of Elements:	3
Amps @ 240V:	112.5
Min. Home Service:	200A

## Water Inlet Data

Max. Outlet Temp °F:	140°
Min Activation GPM:	0.25
Max GPM:	7.5
Max Working PSI:	80
Tested to PSI:	150

## Electrical Data

Voltage:	220-240 VAC
Phase:	Single, 50/60Hz
Wattage:	14.4 - 29kW
Max Amp Load:	120A
Min Circuit Size:	(See Table)

## Power Configuration Table

Max kW Setting	Amperage	Voltage Range	kW Range	Main Panel Size	Breakers (Two pole)	Copper Wire	Plumbing Fittings
29 kW	120	220-240	26.4-28.8	200A	(1) 125A	(2) #2 AWG	Threaded 3/4" NPT
24 kW	100	220-240	22.0-24.0	200A	(1) 100A	(2) #2 AWG	Threaded 3/4" NPT
20 kW	80	220-240	17.6-19.2	150A	(1) 80A	(2) #4 AWG	Threaded 3/4" NPT
14 kW	60	220-240	13.2-14.4	125A	(1) 60A	(2) #6 AWG	Threaded 3/4" NPT

## Sizing Table ( F° / GPM )

Max kW Setting	75° Rise	65° Rise	55° Rise	45° Rise	35° Rise	25° Rise
29 kW	2.4	2.8	3.3	4.0	5.9	7.5
24 kW	2.0	2.4	2.7	3.3	4.9	6.5
20 kW	1.7	2.0	2.2	2.6	3.9	5.5
14 kW	1.3	1.5	1.6	2.0	2.9	4.5